
Circuit guide

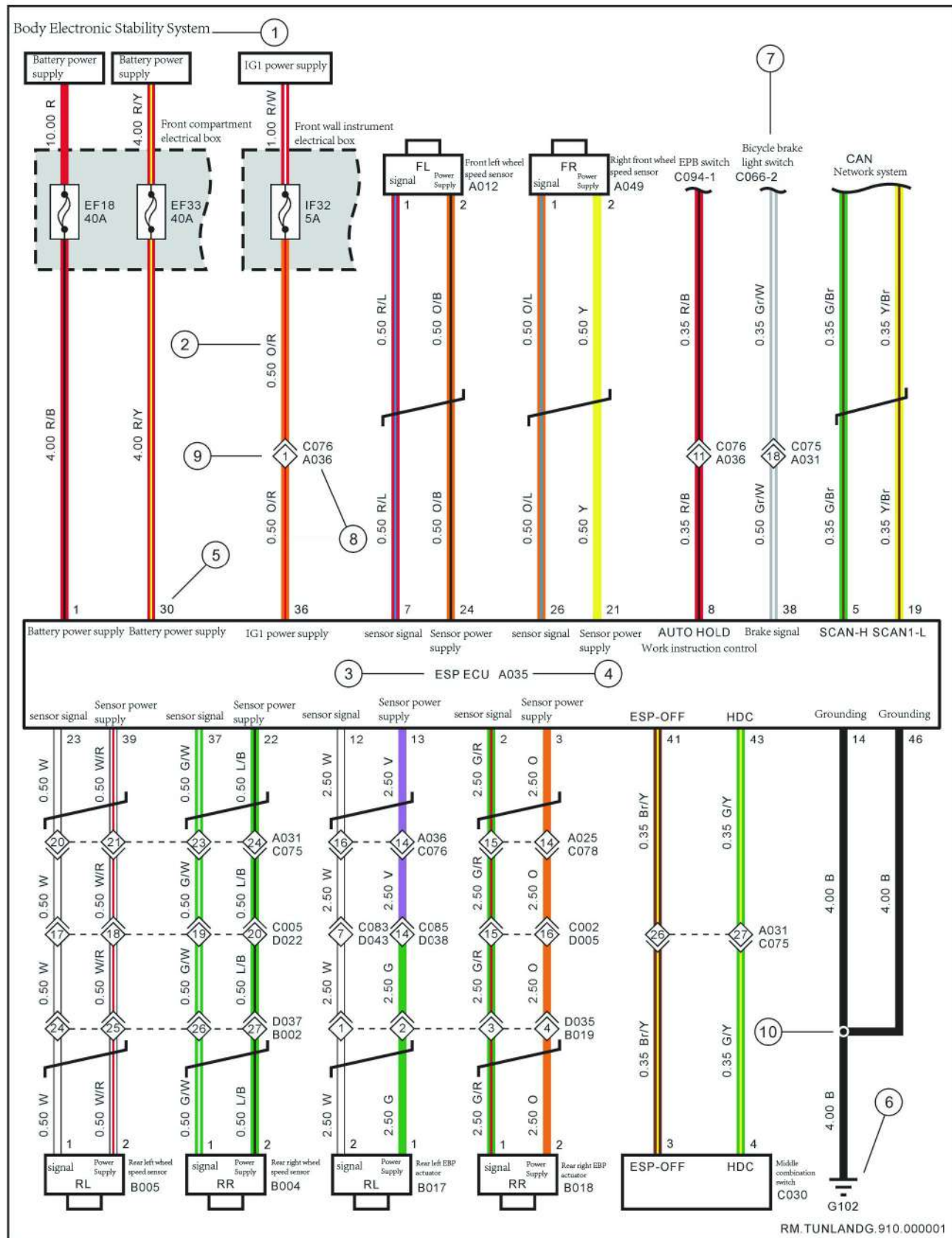
Circuit guide

overview

This manual provides information on the circuits that the vehicle is equipped with and is divided into system circuits by function. Each system circuit actually describes the relationship between the power supply, fuse, relay, control parts, electrical equipment, and grounding point (the one-button start switch in all circuit diagrams is in a non-operating state).

When any failure occurs in the system circuit, first understand the working principle of the circuit (see the system circuit section), then understand the power supply of the power supply (see the power supply section), and finally understand the circuit operation process (see system overview). When understanding the working state of the entire system circuit, and then analyzing and solving the actual problem according to the failure phenomenon (according to the relays, control parts, electrical equipment, connectors between wiring harnesses, sensors, actuators, switches, the grounding point of the circuit, the location of electrical connectors and the layout of the wiring harness).

Example of a system circuit diagram



System description: — (11)

1. System description

The body electronic stability system helps the vehicle maintain dynamic balance by analyzing the vehicle driving status information transmitted from various sensors, and then sending a deviation correction command to ABS, EBD, etc. ESP can make the vehicle maintain the best stability under various conditions, and the effect is more obvious in the case of oversteer or understeer.

2. Power input

The battery power is supplied to terminal 1 of terminal block 30 of ESP ECU A035 through fuses EF11 and EF18 in the front compartment relay box to provide power for the motor and each wheel speed sensor in the ESP controller.

3. Wheel speed signal

The wheel speed signal is provided by four wheel speed sensors: left front wheel speed sensor, right front wheel speed sensor, left rear wheel speed sensor and right rear wheel speed sensor.

4. Service brake signal

When the brake pedal is pressed, the ESP ECU module receives the control signal sent by the brake switch and inputs the service brake signal.

 : Part Location — (12)

number	Reference harness	number	Reference harness
A012	Engine compartment harness	A035	Engine compartment harness
A049	Engine compartment harness	B004	Frame harness
B005	Frame harness	C030	Front wall instrument harness

 : Connector between harnesses — (13)

number	number	Reference harness (Connector position)
A036	C076	Engine compartment wire speed and front wall instrument harness (inside the left side of the instrument panel)
A031	C075	Engine compartment wire speed and front wall instrument harness (inside the left side of the instrument panel)
D022	C005	Floor harness and front wall instrument harness (inside the left A pillar lower guard board)
B022	D037	Frame harness and floor harness (under the driver's seat)

 : Grounding — (14)

number	Location of grounding point	number	Location of grounding point
G102A	Right side of front compartment	G102B	Right side of front compartment

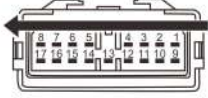
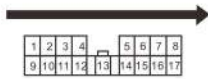
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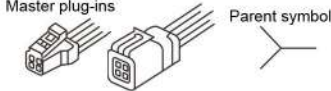
number	number	Reference harness (connector position)
D005	C002	Floor harness and front wall instrument harness (inside the left A pillar lower guard board)
A025	C078	Engine compartment harness and front wall instrument harness (inside the left side of the instrument panel)
B019	D035	Frame harness and floor harness (under the driver's seat)



number	Location of grounding point	number	Location of grounding point
G102A	Right side of front compartment	G102B	Right side of front compartment

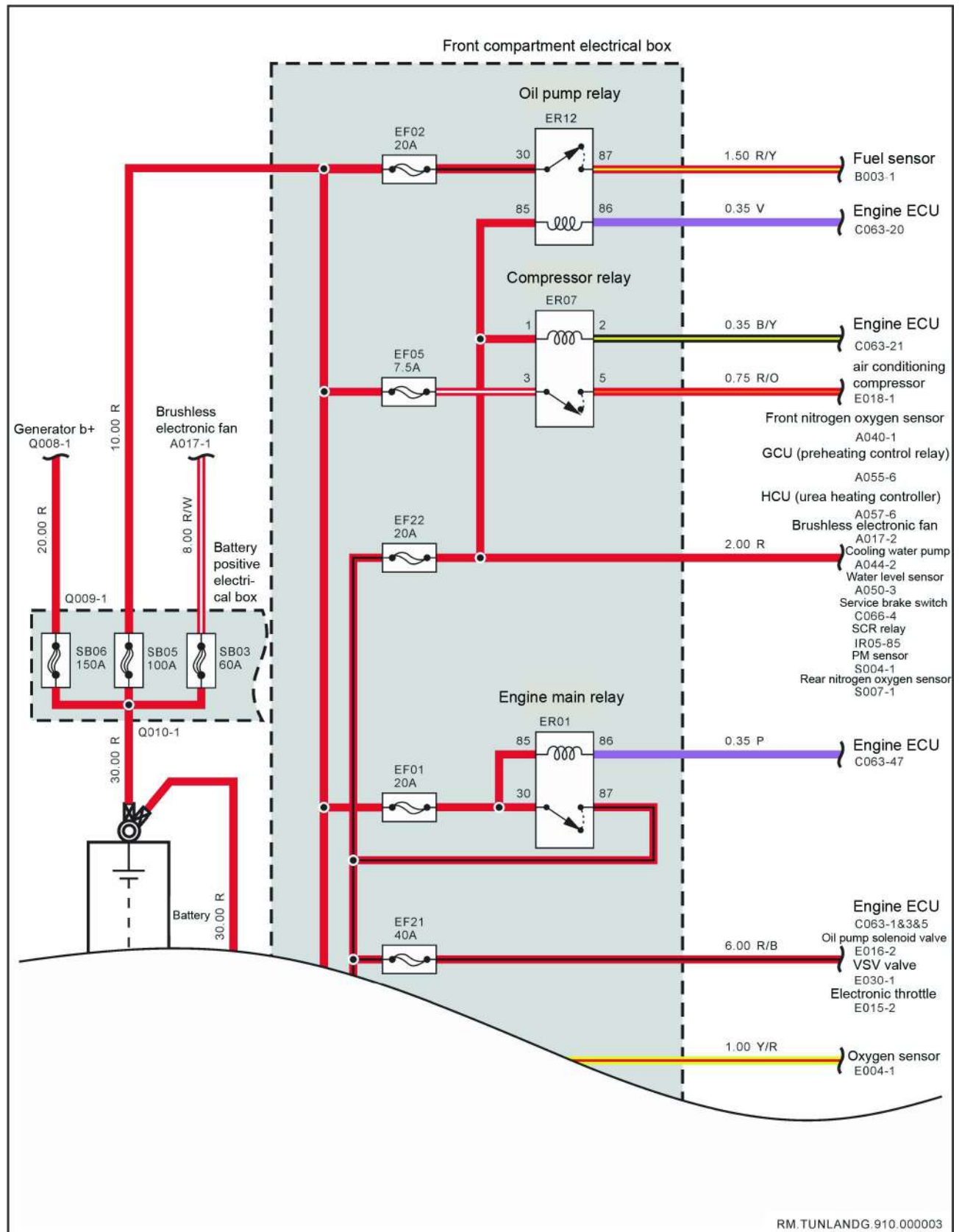
Detailed circuit diagram examples

numbering	meaning	overview
1	System name	Distinguish different systems and functions according to their names for easy querying.
2	Wire color	Conductors with different functions are distinguished according to color, which is convenient for inquiry and maintenance. The color of the wire is basically single or two-color. For example: B=brown, B=black, O=orange, W=white, R=red, P=pink, Sb=sky blue, V=purple, L=blue, Gr=gray, Y=yellow, G=green, Lg=light green
3	The name of the electrical component	Define the name according to the function of the electrical component, which is easy to query. An electrical component corresponds to a name.
4	Electrical component number	According to the wiring harness definition number of the electrical component connector, it is easy to query. For example, the ESPECU connector is a connector with 46 terminals, this plug-in belongs to the engine compartment harness, the engine compartment harness is defined as A harness, so the ESPECU connector number is defined as A035. A=Engine compartment harness, B=frame harness, C=front instrument harness, D=floor harness, E=engine harness, F=ceiling harness, H=right front door harness, etc.
5	Electrical component connector terminals	Define the connector numbering of the connection between the harness and the harness, making it easy to query its terminal definition. 
		Example of a harness connector : 
6	Grounding point	The connection point between the return wire of electrical components and the metal body of the vehicle. Depending on the location of the grounding point, different numbers are defined.
7	Indication of the relevant system or component	Indicates that the wire is associated with another system or indicates the component to which the wire is connected, as described in the relevant system indicated.

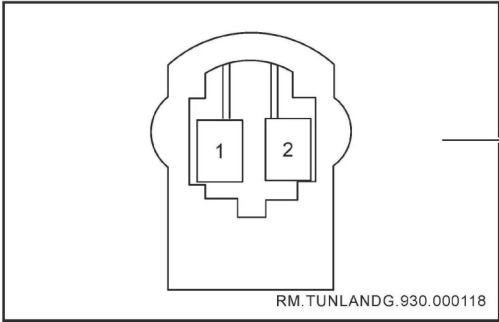
numbering	meaning	overview	
8	Connector numbering	The connector group is divided into two metric plug-ins and parent plug-ins.	
9	Connector	Metric plug-ins 	Master plug-ins 
10	Branch point	Inside the appliance or switch, this indicates a solder point. On the harness, this represents a splicing line, from which current is shunted.	
11	System description	Describe how the system works, working status, and facilitate a quick understanding of the system.	
12	Part location	Indicates the wiring harness page to be referenced (the position of the electrical components on the vehicle and the direction of the wiring harness to which they belong).	
13	Connectors between the harness and the harness	The reference harness page that indicates the harness to which two interconnected connectors belong.	
14	earthing	Indicates that the connection point between the return conductor of the electrical component and the metal body of the vehicle is at the reference point of the vehicle location.	

Example of a power circuit diagram

The power circuit diagram describes the current transmission direction of all systems (fuses, fuses, and relays). Since all system circuit diagrams start with the power supply, a good understanding of the power supply system is necessary, and the example system shown here is only a sample system, which is different from the actual system circuit diagram.



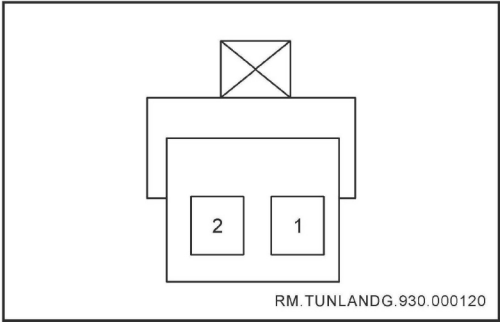
Example of connector information



1376688-1 TE

② — D024 Connected to Passenger Seat Belt Pretensioning — ③

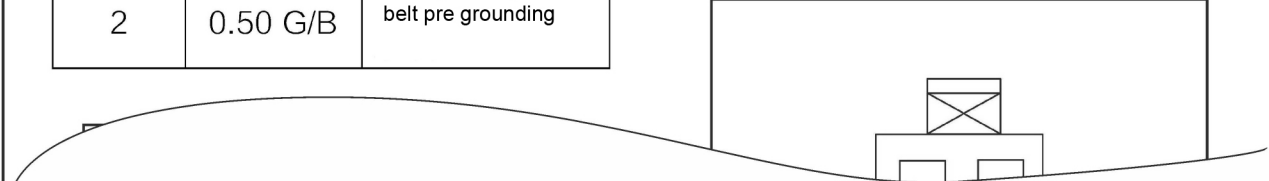
Terminal number	Wire diameter/color	function
1	0.50 G/R	Front passenger seat belt pre tensioning power supply
2	0.50 G/B	Front passenger seat belt pre grounding



211PC022S0149 FCI

D026 Connected to Right Low Frequency Antenna

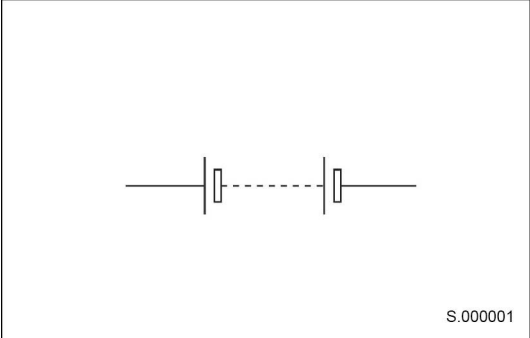
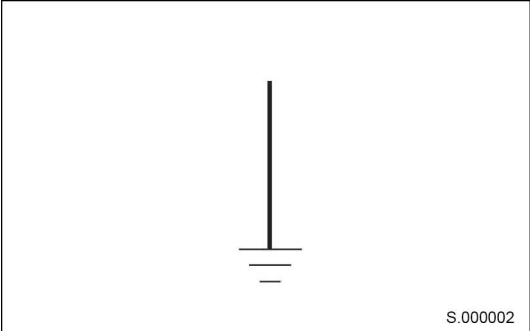
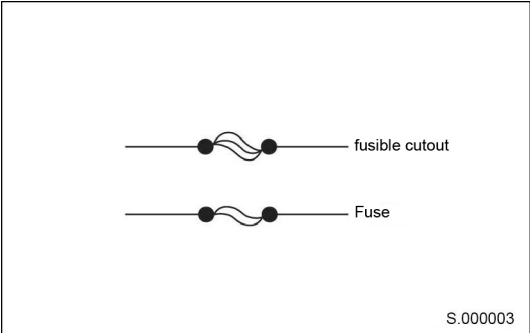
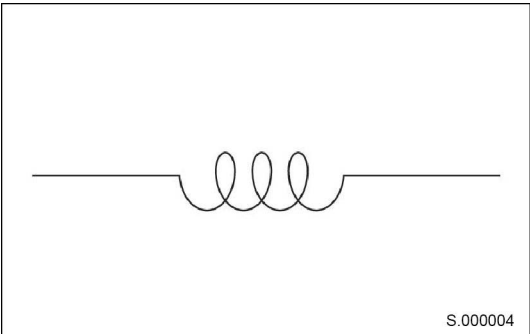
Terminal number	Wire diameter/color	function
1	0.35 Gr/W	Right low frequency antenna grounding
2	0.35 O/B	Right low frequency antenna power supply



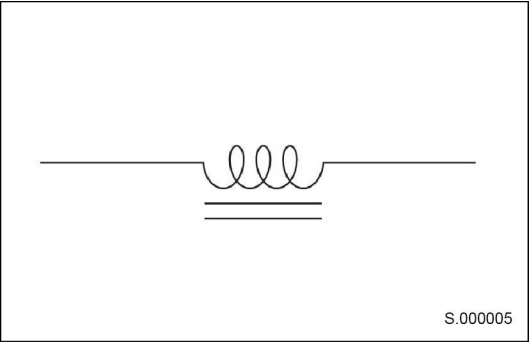
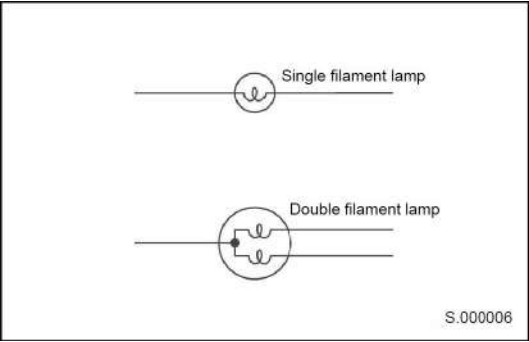
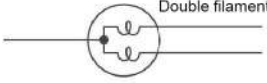
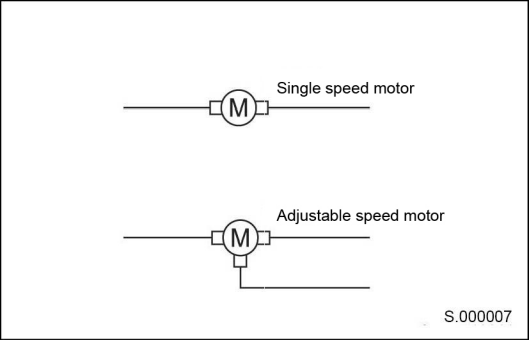
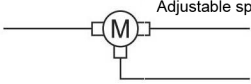
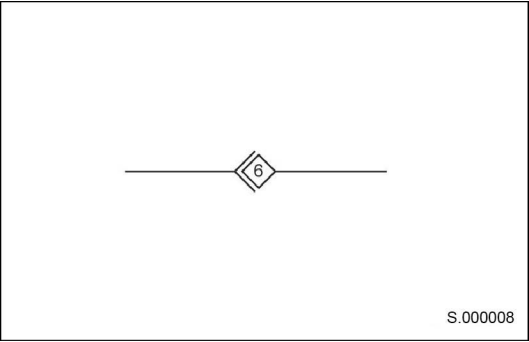
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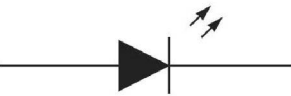
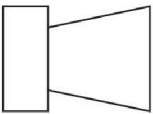
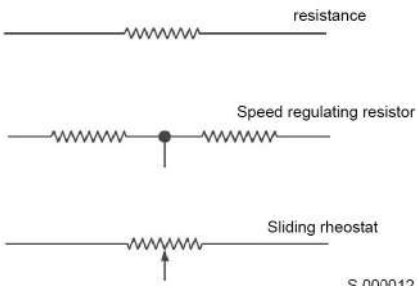
number- ing	name	description
1	Connector shape	Describes the connector outline and the ordering of the internal pins.
2	Electrical components numbering	According to the numbering defined by the wiring harness of the connector of the electrical component, one connector corresponds to a numbering to query
3	The name of the electrical component	A designation defined in terms of the component's function.
4	Connector information	Define the color and function of the terminal wiring.

Electrical component representation symbols

graphical	explain
	Battery Stored chemical energy and convert it into electrical energy required by vehicle electrical equipment.
	Ground The negative wire of the electrical equipment is on the frame and other metal parts, and the metal body of the vehicle is used as the public channel. This way of connecting the negative wire with the vehicle body is called grounding (grounding).
	Fuse In a high-power line (or a certain electrical equipment line), if the current exceeds the rated load, it will automatically burn to cut off the current, so as to protect the safe operation of the circuit.
	Electromagnetic induction coil When the magnetic field fluctuates (or is cut), the coil circuit generates an induced electromotive force.

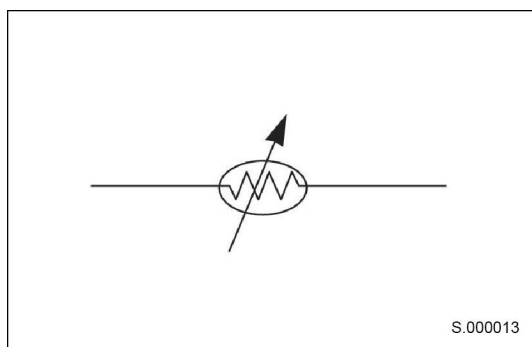
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graphical	explain
 S.000005	Solenoid valve When the current passes through the electromagnetic coil, an electromagnetic field is formed, which controls the work of components.
 Single filament lamp  Double filament lamp S.000006	floodlight It is a kind of lighting equipment. When the current flows through the filament, the filament heats up and emits light.
 Single speed motor  Adjustable speed motor S.000007	motor According to the principle of electromagnetic induction, electric energy is changed into mechanical energy.
 S.000008	Connector It is a plug-in connecting harness and harness.

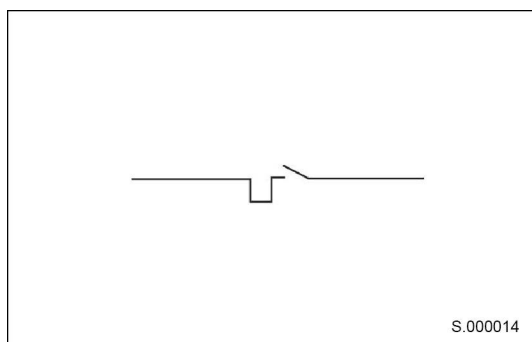
graphical	explain
 S.000009	Crystal diode It is a kind of crystal diode, whose function is to convert electric energy into light energy.
 S.000010	light-emitting diode It is a kind of crystal diode, whose function is to convert electric energy into light energy.
 S.000011	horn It is an electroacoustic element, which is used to convert electrical signals into warning tones. speaker It is an electroacoustic element, which is used to convert electrical signals into sound waves.
 S.000012	resistance It is an electronic component, which is used to divide voltage and limit current. Speed regulating resistor N resistors are connected in series. Changing the resistance value can change the current in the circuit, so as to achieve speed regulation. (High power state) Sliding rheostat The resistance of the access circuit is changed by changing the length of the resistance wire in the access circuit, thus playing the role of controlling the circuit. (Low power state)

graphical

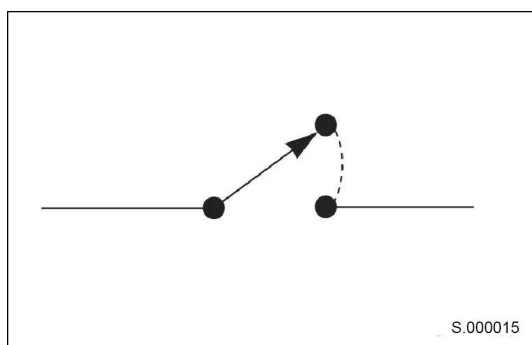
explain

**Temperature sensor (liquid level sensor)**

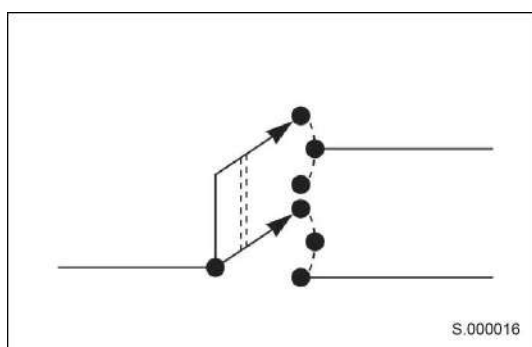
It is a resistance that changes with temperature (liquid level), and its function is to convert temperature (liquid level) changes into electrical signals.

**The cigarette lighter**

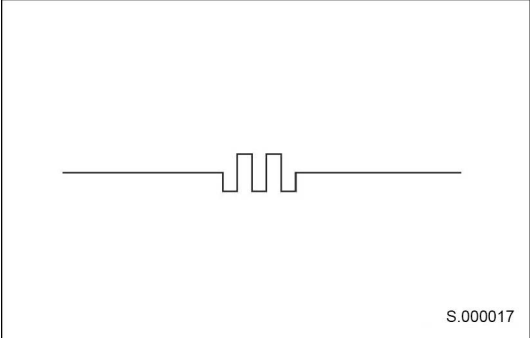
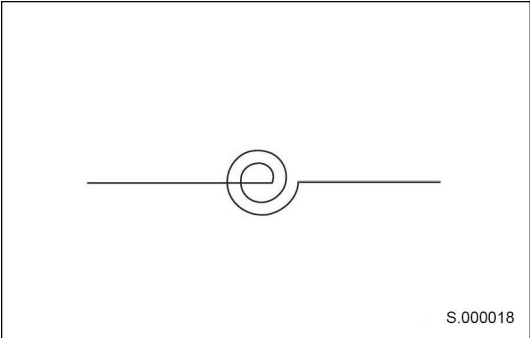
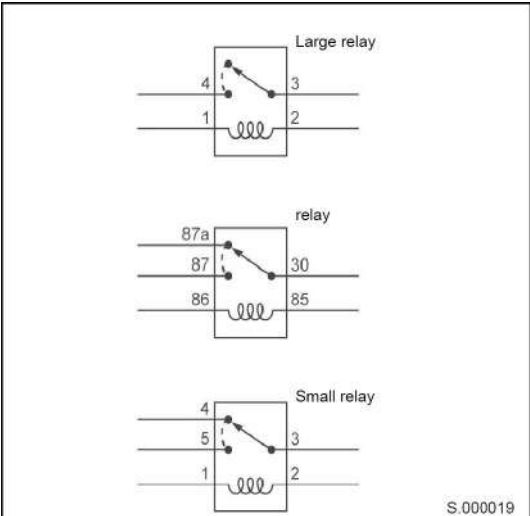
It is a kind of resistance wire, whose function is to ignite cigarettes with a large amount of heat energy generated by electrifying the resistance wire.

**Contact switch**

It is a switch, which is used to connect and disconnect the circuit through contact between two points in the same plane.

**Rotary switch**

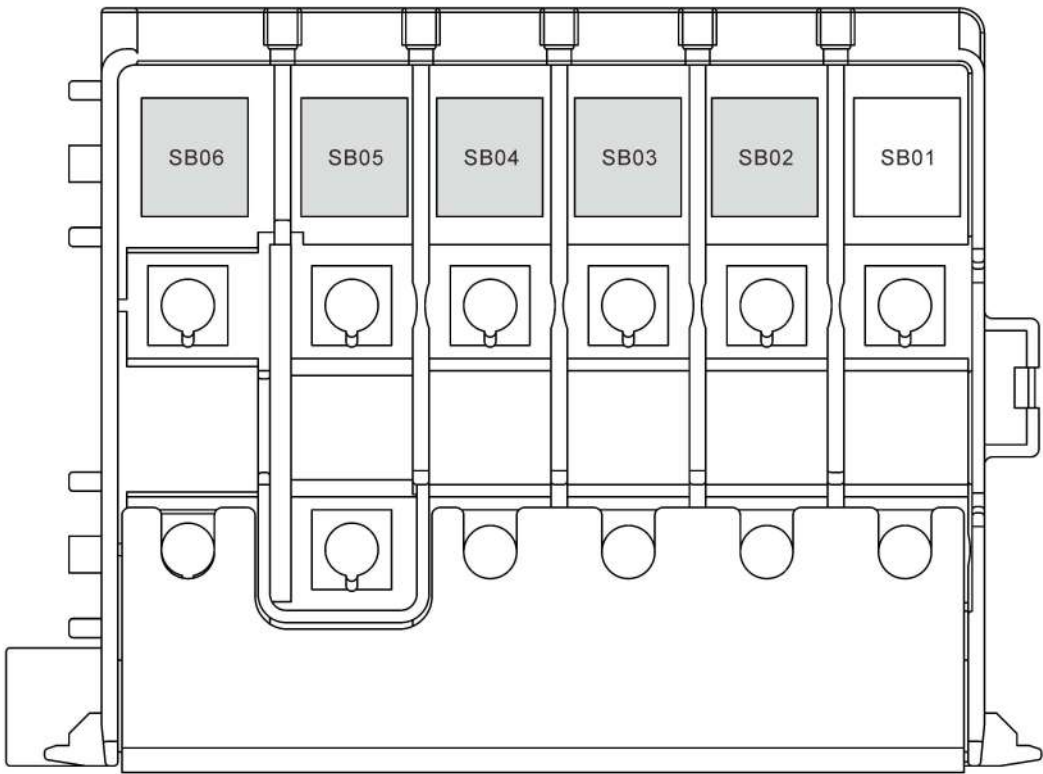
It is a kind of switch, whose function is to change the gear by shaft rotation to turn on and off the circuit.

graphical	explain
 S.000017	Heating wire It is a pure resistive load, which is used to energize it and heat the ambient temperature.
 S.000018	Clock spring The connector used for rotation is used to transmit current between two relatively rotating parts.
 S.000019	relay It is a kind of automatic switch that uses small current to control large current, and its functions are automatic regulation, safety protection, conversion circuit, etc.

Fuses and relays

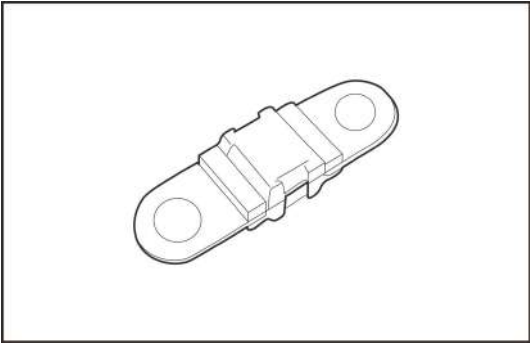
Battery cathode electrical box

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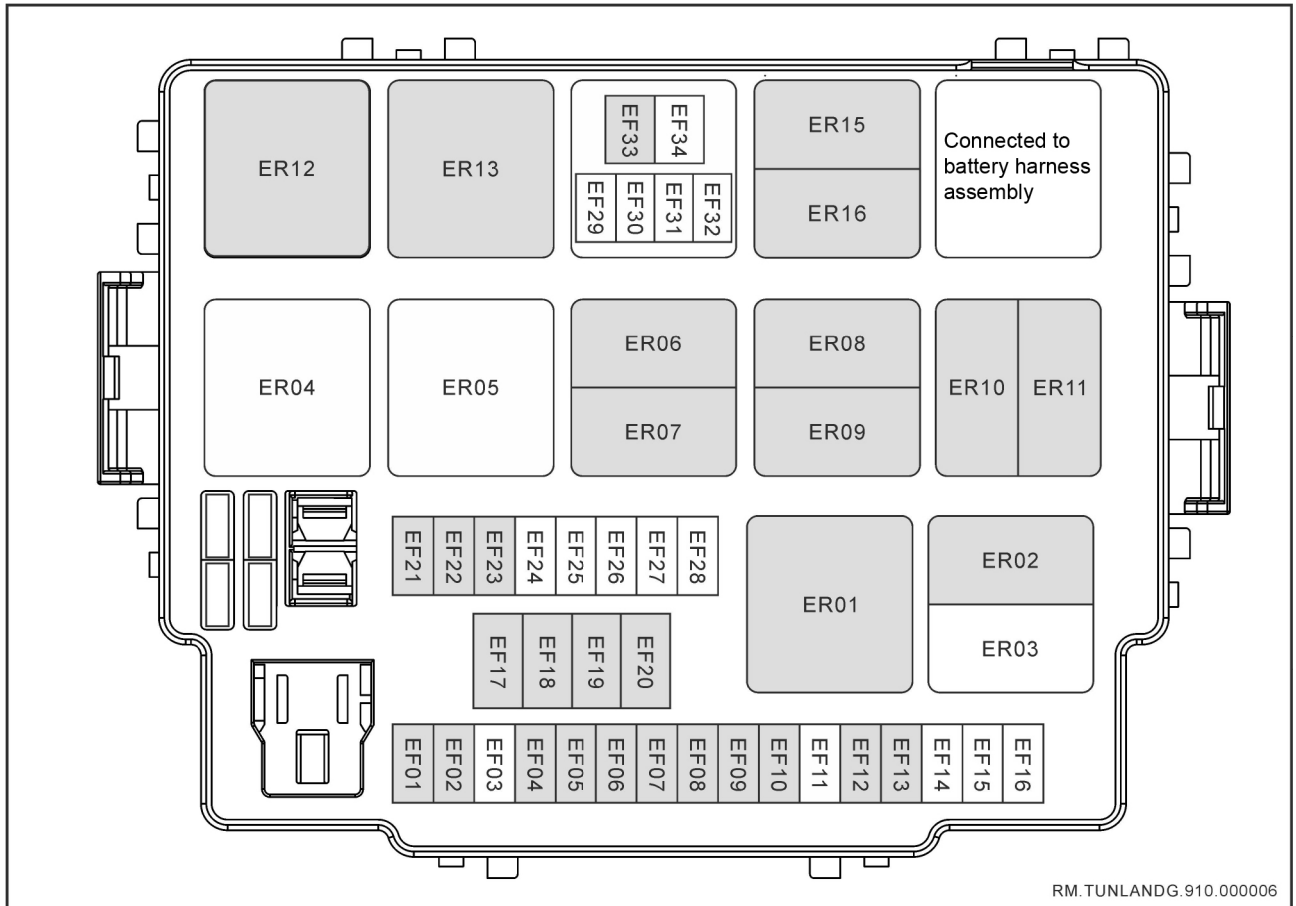
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fuse



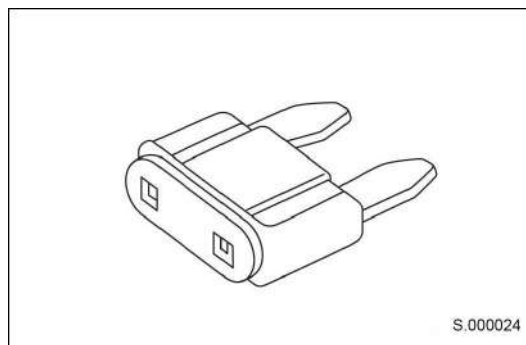
num-bering	name	Rated current	num-bering	name	Rated current
SB01	—	—	SB02	Cockpit fuse box master fuse	100A
SB03	Electronic fan fuse	60A	SB04	Engine warm-up fuse	60A
SB05	Main fuse	100A	SB06	Generator fuse	150A

Front cabin electrical box



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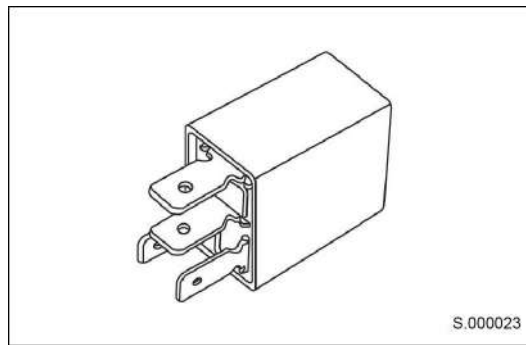
fuse



num-bering	name	Rated current	num-bering	name	Rated current
EF01	Main relay fuse	20A	EF02	Oil pump fuse	20A
EF03	Water pump (special for gasoline)	10A	EF04	Electric horn fuse	15A
EF05	Compressor FUSE	7.5A	EF06	High beam fuse	20A
EF07	Front fog lights fuse	15A	EF08	Right dipped beam fuse	10A

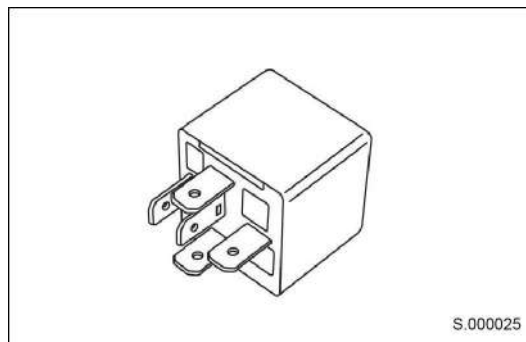
num- bering	name	Rated current	num- bering	name	Rated current
EF09	Left low beam fuse	10A	EF10	Preheating (special for diesel)	20A
EF11	—	—	EF12	—	—
EF13	—	—	EF14	—	—
EF15	—	—	EF16	—	—
EF17	Start the motor fuse	30A	EF18	ABS/ESP solenoid valve	40A
EF19	Wiper motor	25A	EF20	Low-speed fan fuse	40A
EF21	ECU main power supply fuse	20A	EF22	Oil pump fuse	20A
EF23	Oxygen sensor fuse	15A	EF24	Ignition coil (special for gasoline)	20A
EF25	—	—	EF26	—	—
EF27	—	—	EF28	—	—
EF29	—	—	EF30	—	—
EF31	—	—	EF32	—	—
EF33	ABS/ESP fuse	40A	EF34	—	—

Small relays



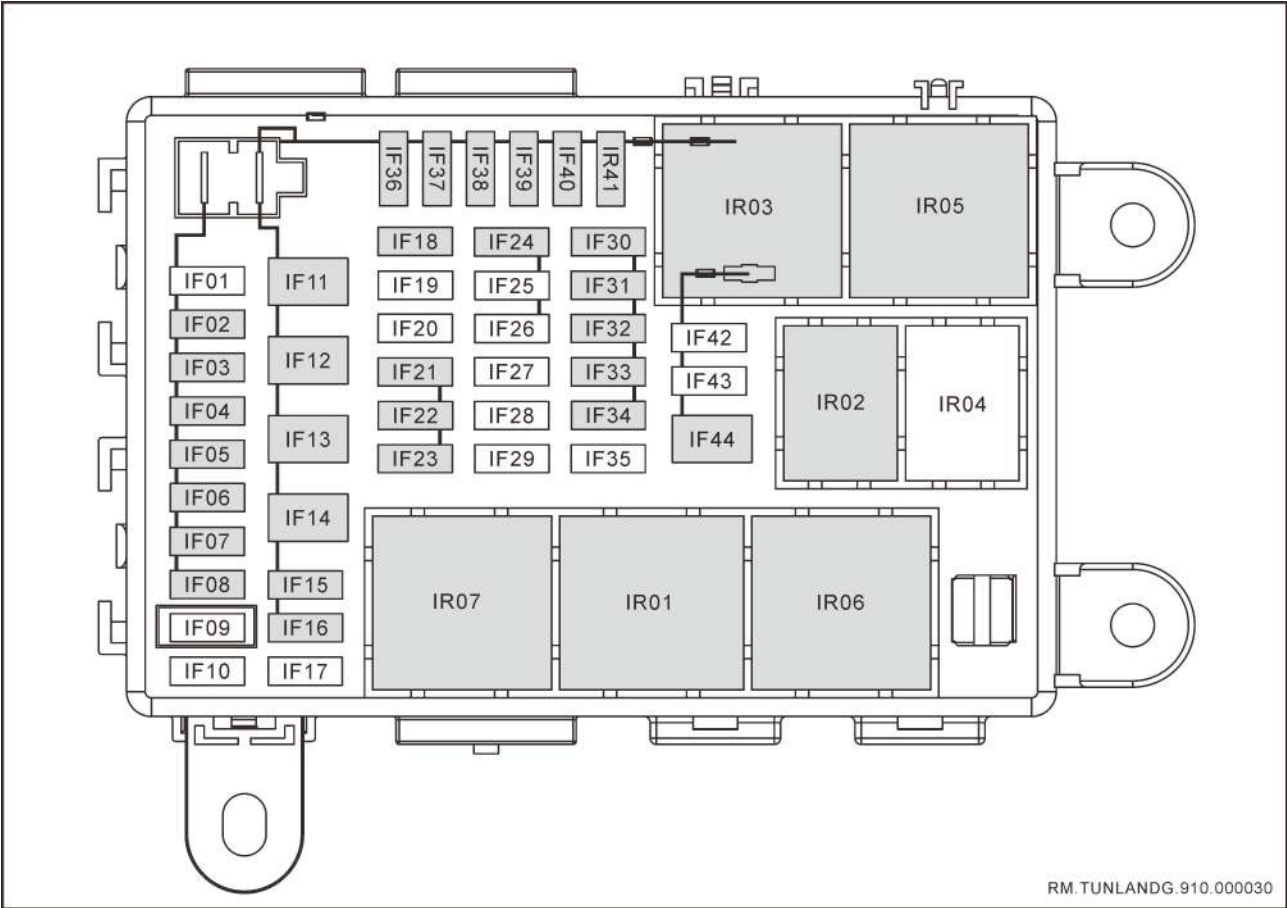
numbering	name	numbering	name
ER02	Start the relay	ER03	Drive chain relay (special for gasoline)
ER06	Horn relays	ER07	Compressor relays
ER08	High beam relays	ER09	Front fog lamp relay
ER10	Right dipped beam relay	ER11	Left low beam relay
ER15	Wiper high speed relays	ER16	Wiper low speed relay

Large relays

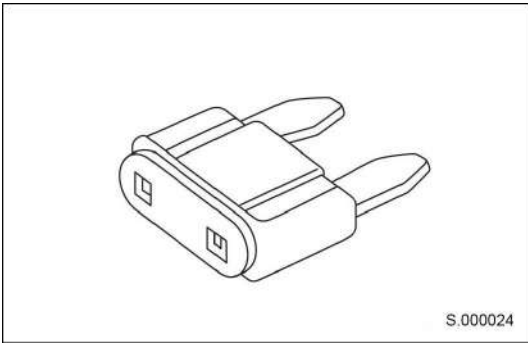


numbering	name	numbering	name
ER01	Engine main relay	ER04	High speed fan relay
ER05	Low speed fan relay	ER12	Oil pump relay
ER13	Cooling water pump relay (special for gasoline)	—	—

Front peripheral instrument electrical box



fuse

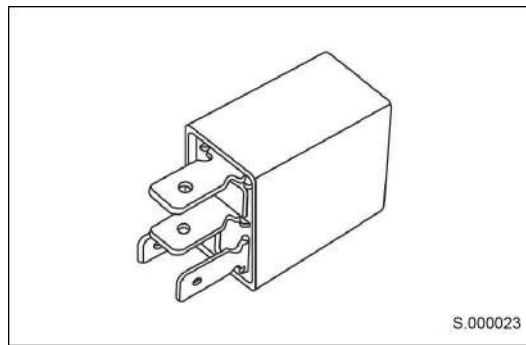


num-bering	name	Rated current	num-bering	name	Rated current
IF01	—	—	IF02	Diagnostics, gateways, combination switchesfuse	7.5A
IF03	Audio, 360, TBOX remote control receiver fuse	15A	IF04	ECU, one-click start fuse	7.5A

num- bering	name	Rated current	num- bering	name	Rated current
IF05	BCM, ambient lights, heated mirrors, backlights, turn signals, fuse	20A	IF06	Position light, brake light, reverse light, brake signal, clutch signal fuse	20A
IF07	Instrumentation, air conditioning fuse	5A	IF08	Four-wheel drive fuse	20A
IF09	—	—	IF10	—	—
IF11	Sunroof fuse	25A	IF12	Power seat power supply fuse	20A
IF13	Front power window power supply FUSE	40A	IF14	Rear power window power supply fuse	40A
IF15	Seat heating fuse	25A	IF16	SCR relay fuse	25A
IF17	—	—	IF18	Urea pump, urea mass temperature sensor FUSE	25A
IF19	—	—	IF20	—	—
IF21	Cigarette lighter, mirror adjustment fuse	15A	IF22	Sound fuse	15A
IF23	USB, ECU wake-up fuse	7.5A	IF24	Heating relay coil power supply, seat heating	5A
IF25	—	—	IF26	—	—
IF27	—	—	IF28	—	—
IF29	—	—	IF30	Airbag fuse	7.5A
IF31	ECUfuse	5A	IF32	ABS, corner, four-wheel drive, combination switch fuse	5A
IF33	Air conditioning, front radar, AEB, 360, BSD, audio, TBOXfuse	7.5A	IF34	Gateway, instrument cluster, steering wheel switch fuse	7.5A
IF35	—	—	IF36	Energy saving, driver door locks, rear fog lights, license plate lights FUSE	15A

num-bering	name	Rated current	num-bering	name	Rated current
IF37	ACCfuse	25A	IF38	IG1fuse	15A
IF39	IG2fuse	15A	IF40	After defrosting fuse	15A
IF41	TCUfuse	15A	IF42	—	—
IF43	—	—	IF44	Blower fuse	30A

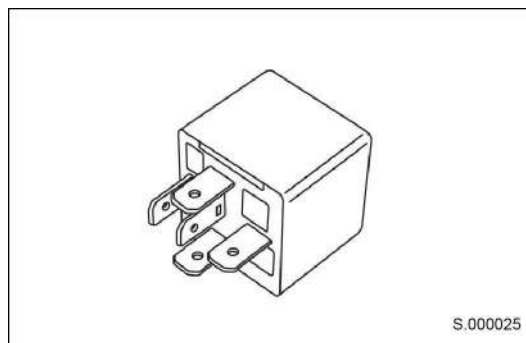
Small relays



numbering	name	numbering	name
IR02	Windshield heating relay	IR04	—

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Large relays



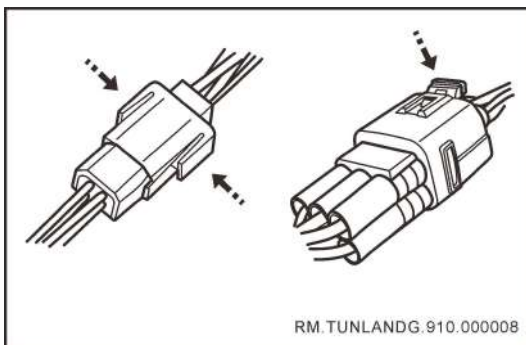
numbering	name	numbering	name
IR01	IG1Relays	IR03	Front blower Relays
IR05	SCRLord Relays	IR06	ACCRelays
IR07	IG2Relays	—	—

Fault diagnosis and maintenance

1. Notes

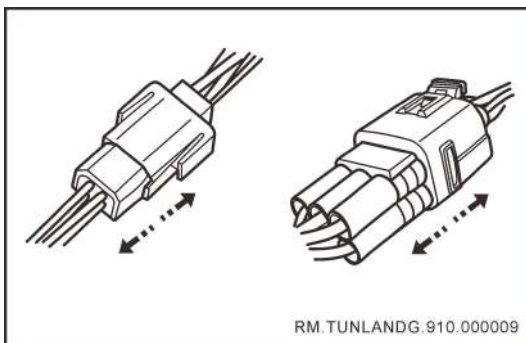
- a. The wiring harness should be fixed with a circlip or line card to avoid loose wear.
- b. The wiring harness cannot be connected too tight, especially in the bend should pay more attention, in the bypass of acute angles or metal holes, should be protected by rubber or insulated pipes, otherwise it is easy to wear the wiring harness and short circuit, iron tie, and there is a risk of fire.
- c. When connecting electrical appliances, should be connected to electrical appliances according to the specifications of the connector and the color of the wire or the color of the insulated pipe at the joint, if it is not easy to distinguish the head and end of the wire, it is generally distinguished by the test lamp, and it is not suitable to use the fire test method, because in the power supply system, the test fire is easy to burn the wire.

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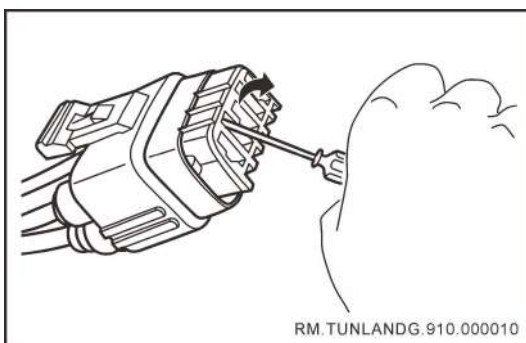


2. Connector replacement

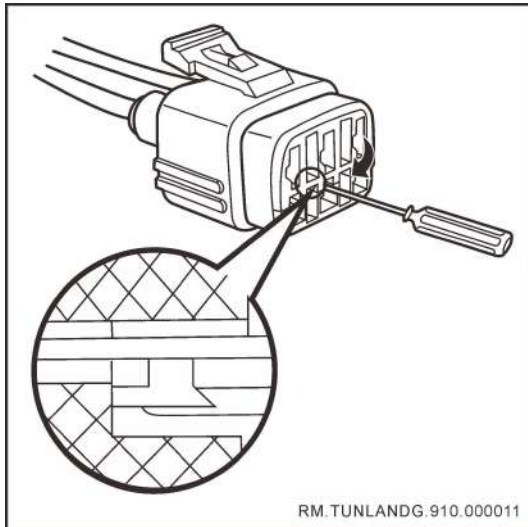
- a. Press the connector latch.



- b. Pull the connector to both sides and never jerk the wire directly.



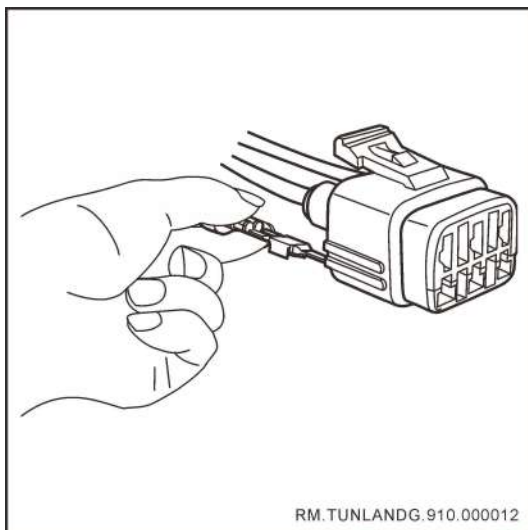
- c. Use a small screw screw to pick out the protective sleeve inside the connector, if there is no protective sleeve, go directly to the next step.



- d. Use a small screw tool to pick out the protective sleeve inside the connector, and if there is no protective sleeve, proceed directly to the next step.

Caution

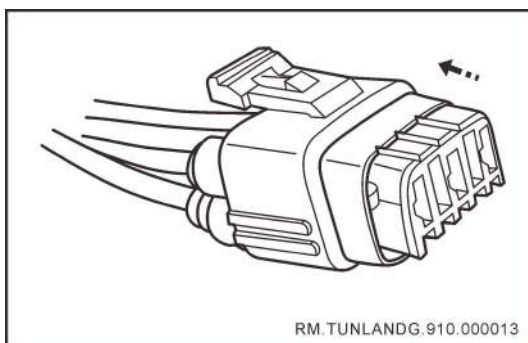
When unplugging the terminal, write down the corresponding socket of each terminal to improve the installation speed and avoid re-checking the terminal.



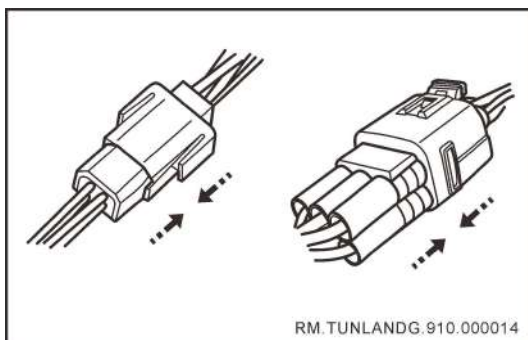
- e. Replace it with a new connector and adjust the wire terminals to fit the angle into the connector.

Caution

The terminal leads need to be straightened out, and no crossed leads can appear.



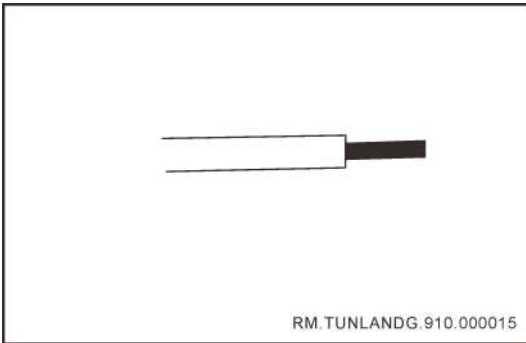
- f. Put the protective kit into the connector and press tightly.



- g. The two ends of the connector docking, hear a "pop" sound, indicating that the docking is complete.

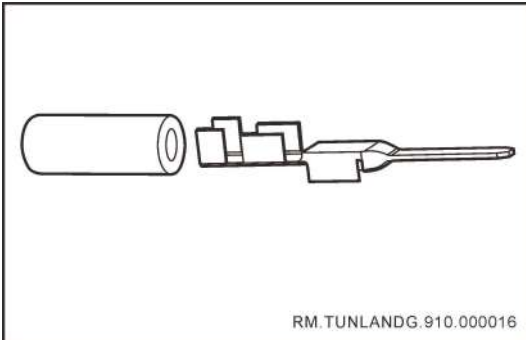
Caution

After the docking is completed, gently pull the ends outward, if it can be pulled out, the connector is damaged and must be replaced.

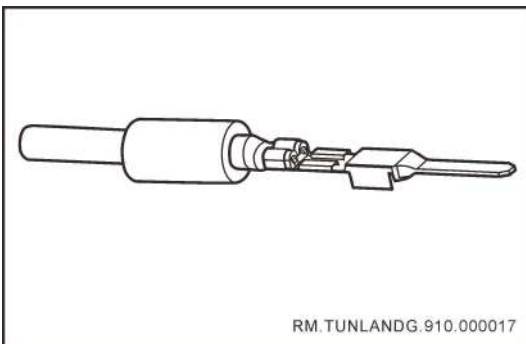


3. Replacement of terminals

- Remove the old terminals.
- Strip the end of the wire off a section of insulation.



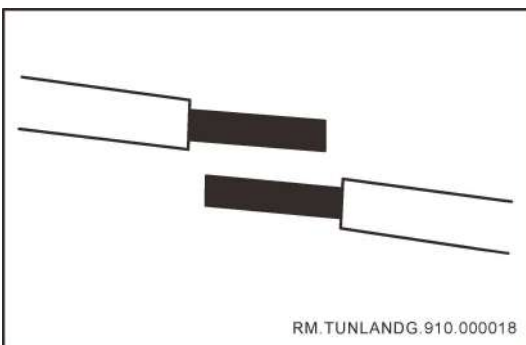
- Choose the appropriate size of insulated pipe and wire terminal, and put the wire end.



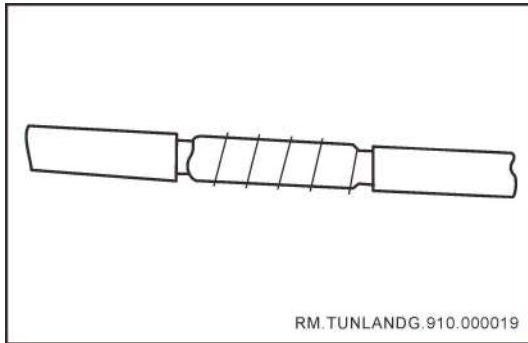
- Use pliers to clamp the connector shank part with the insulation layer and the wire core respectively.

4. Repair of broken wires

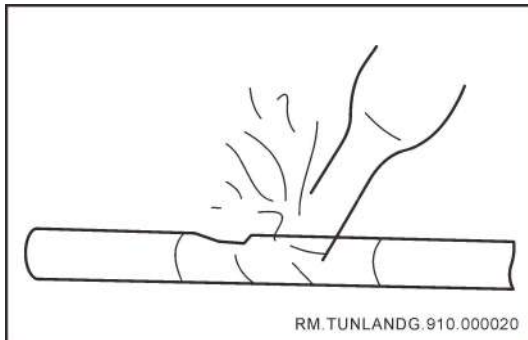
- The conductors in the harness are often broken due to wear, vibration or unexpected loads, and can usually be broken, pressed or additional connectors.



- Broken head soldering package method.
 - Strip off a section of insulation at both ends of the severed head.

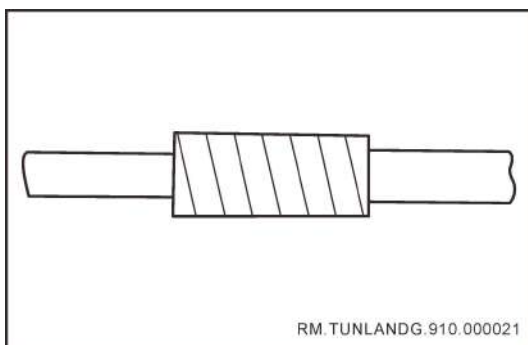


- Use pliers to wind the two cores around each other.

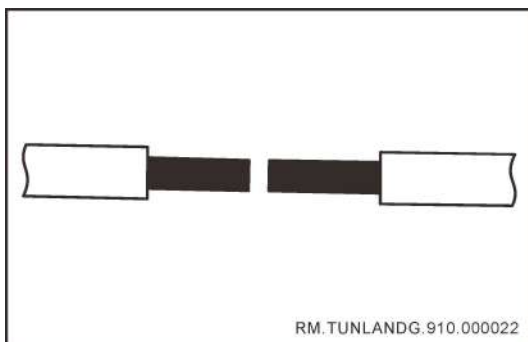


- Heat the wire core with an electric soldering iron.

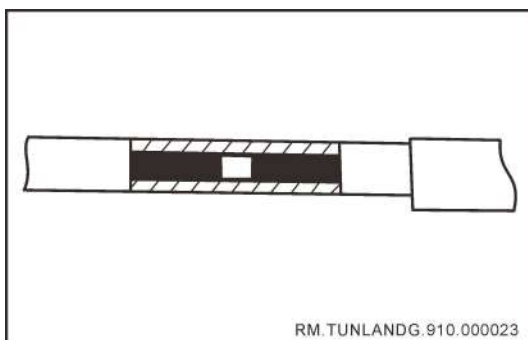
FL



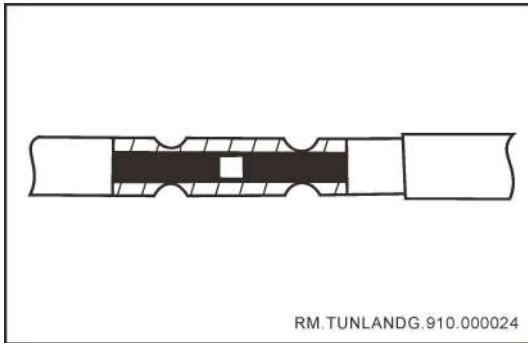
- After the wire core is heated, it is in contact with the wire core with rosin and solder to make it welded, and the broken wire can be repaired.



- c. Press-sleeve method.
- Strip off a section of insulation at both ends of the short head.

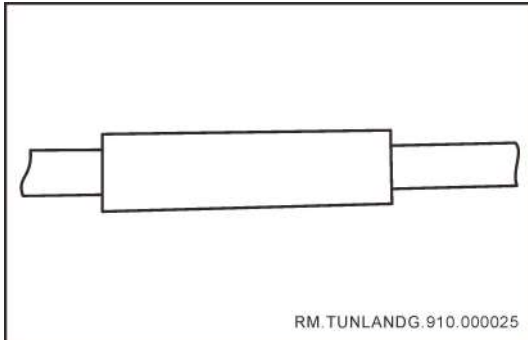


- Insert the two cores into the special copper connection sleeve.

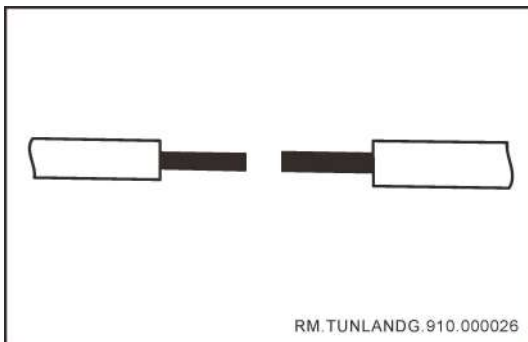


- Use pliers to press the wire core and the copper connection sleeve into one.

FL

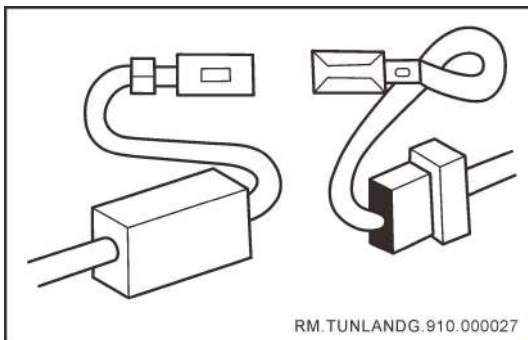


- Insulation wrapping treatment.

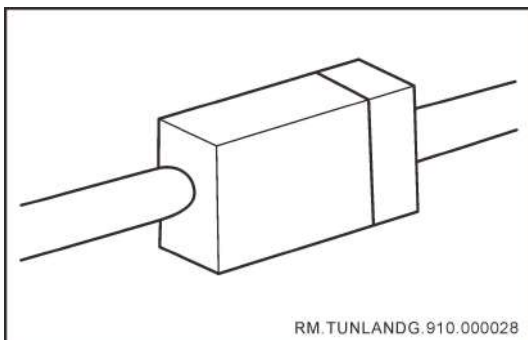


d. Plug-in method.

- Strip off a section of insulation at both ends of the severed head.



- Attach the two cores to the connector tabs.

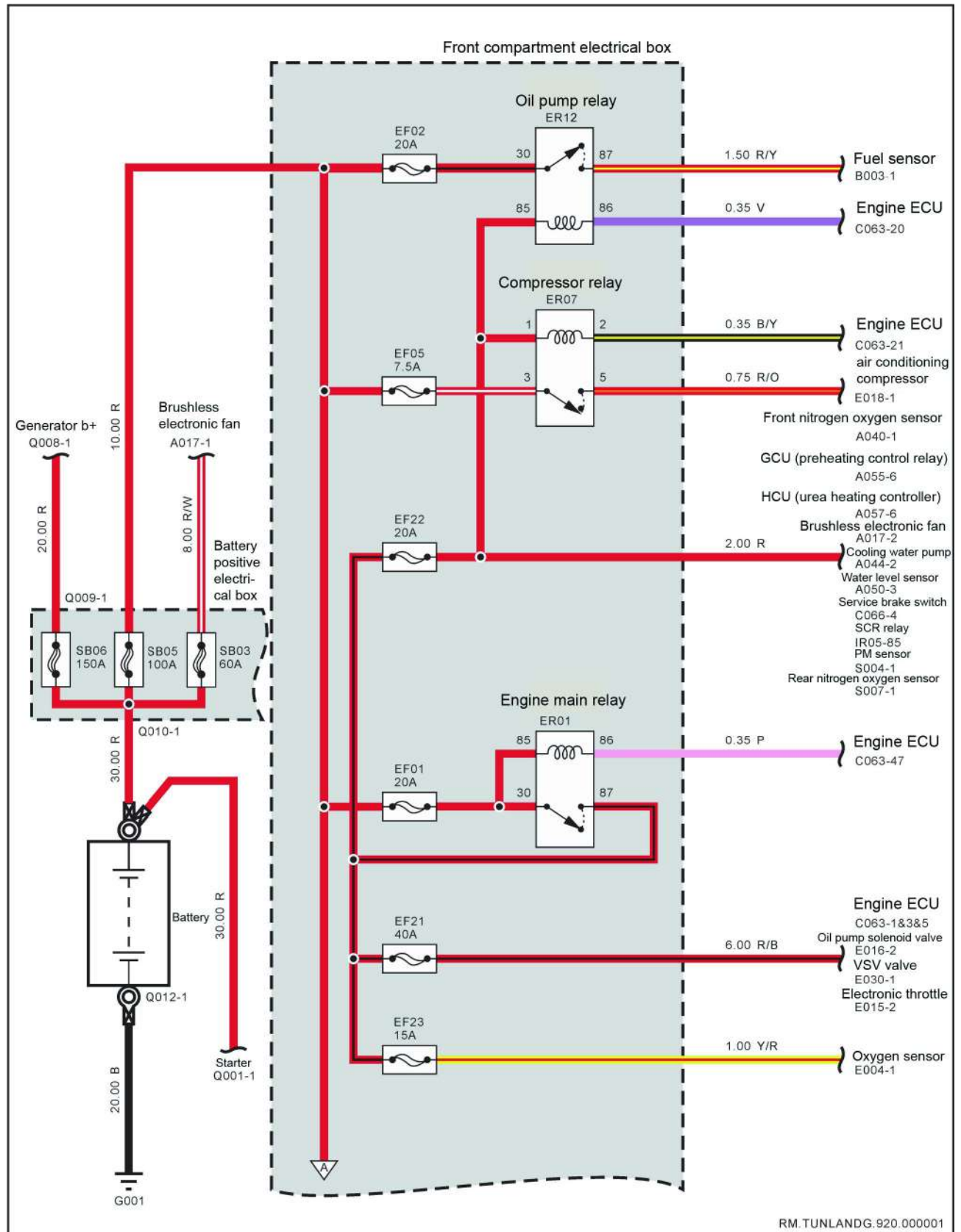


- Connect the plugging.

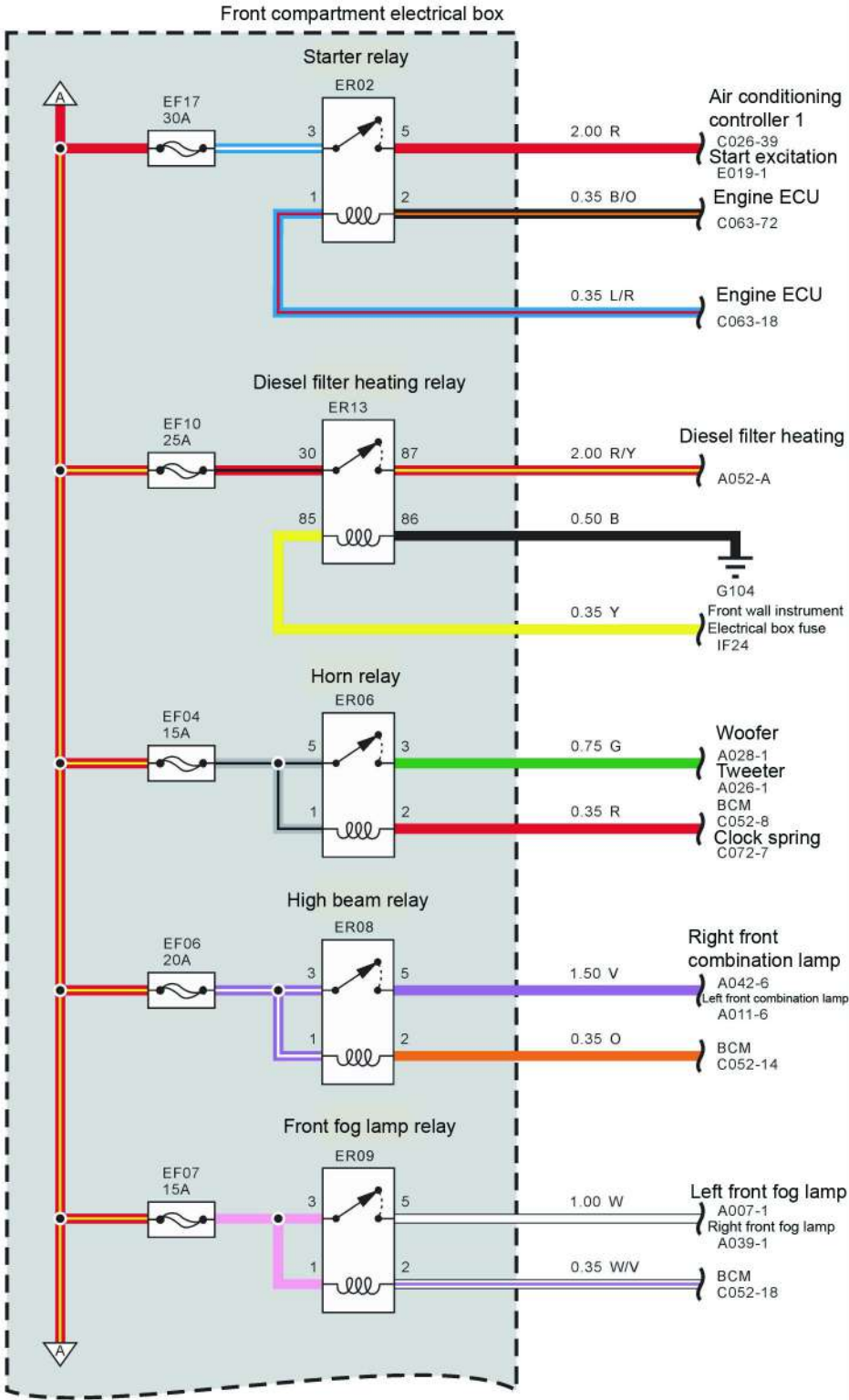
System circuit diagram

Power supply circuit diagram

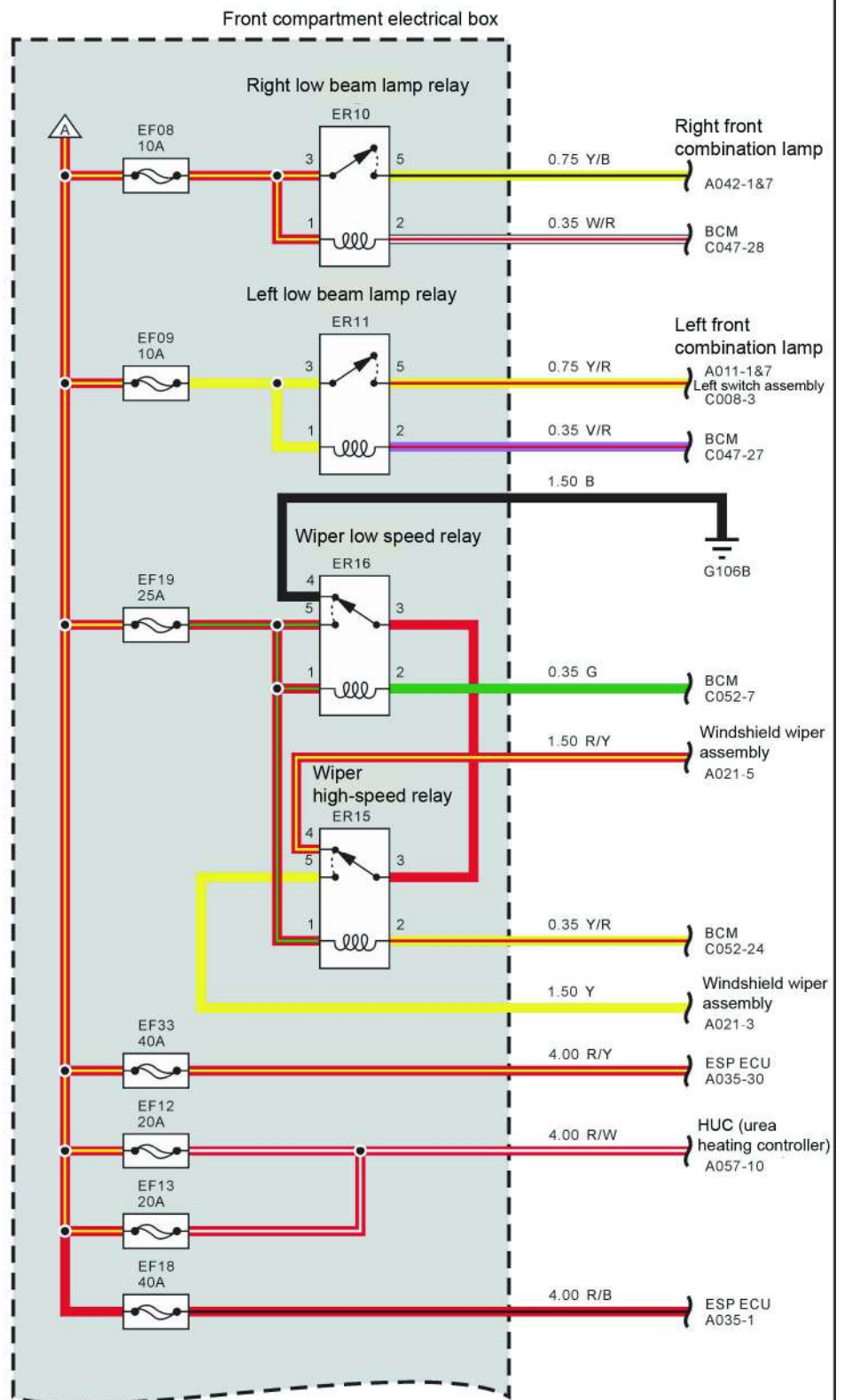
Front cabin power distribution1



Front cabin power distribution2

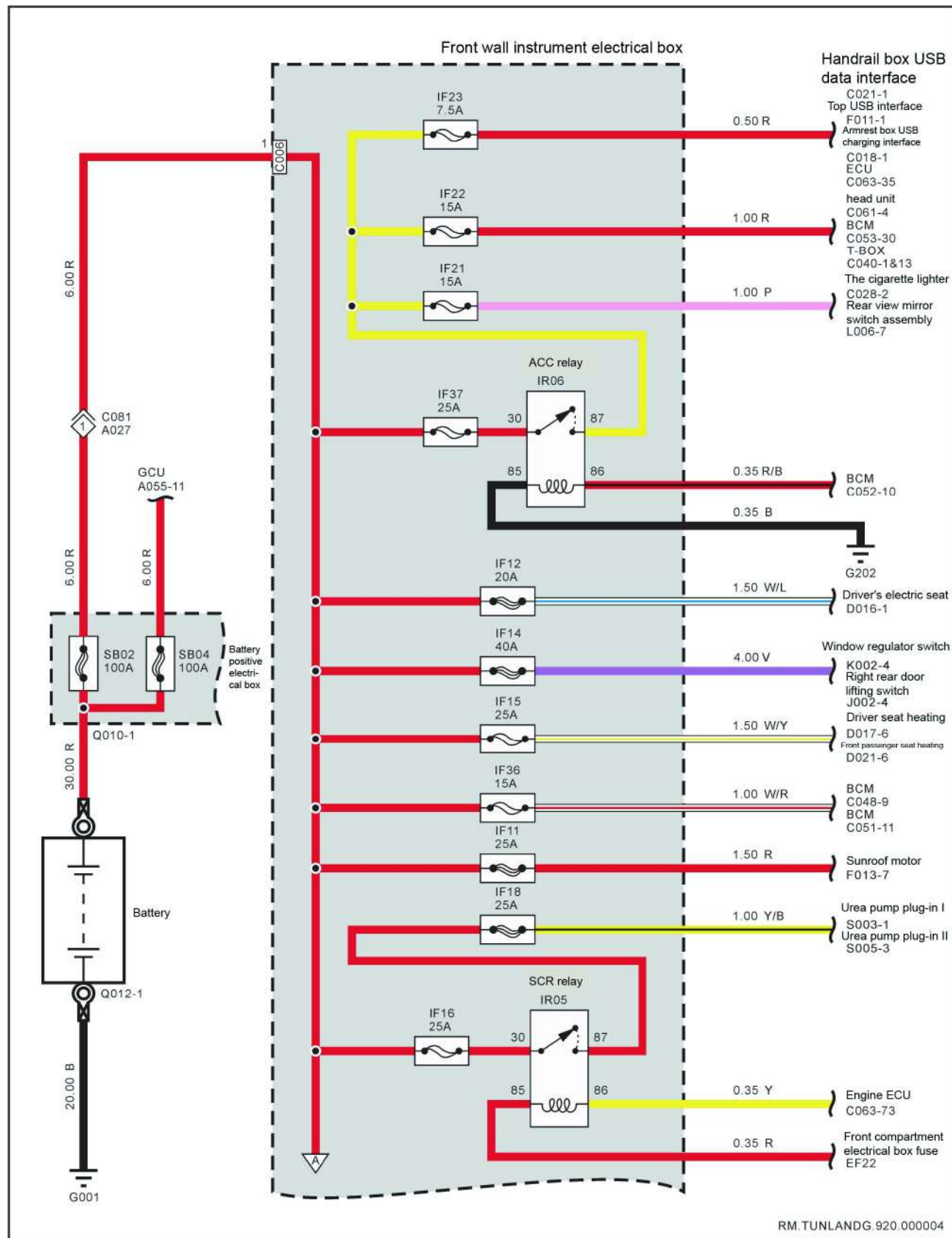


Front cabin power distribution3

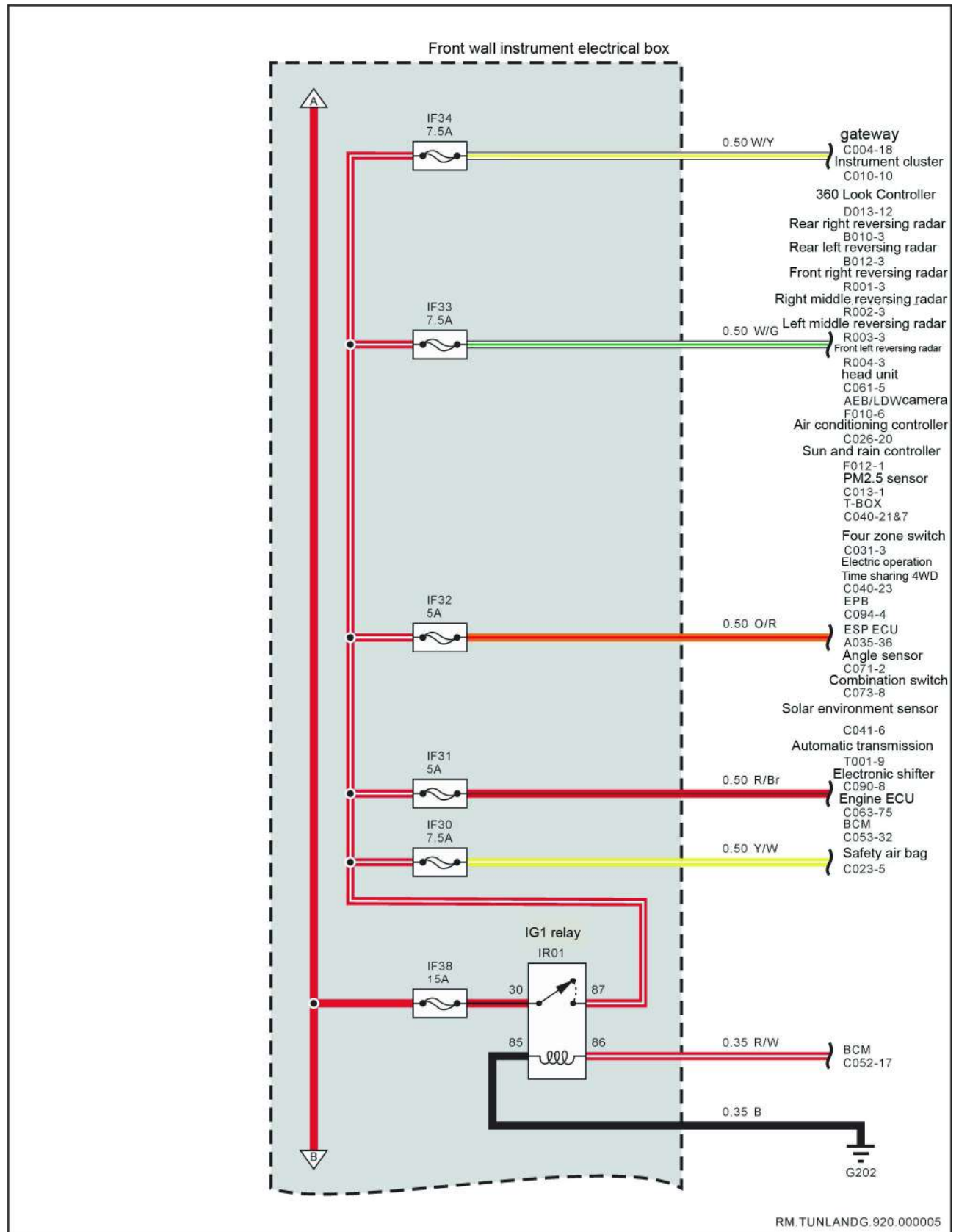


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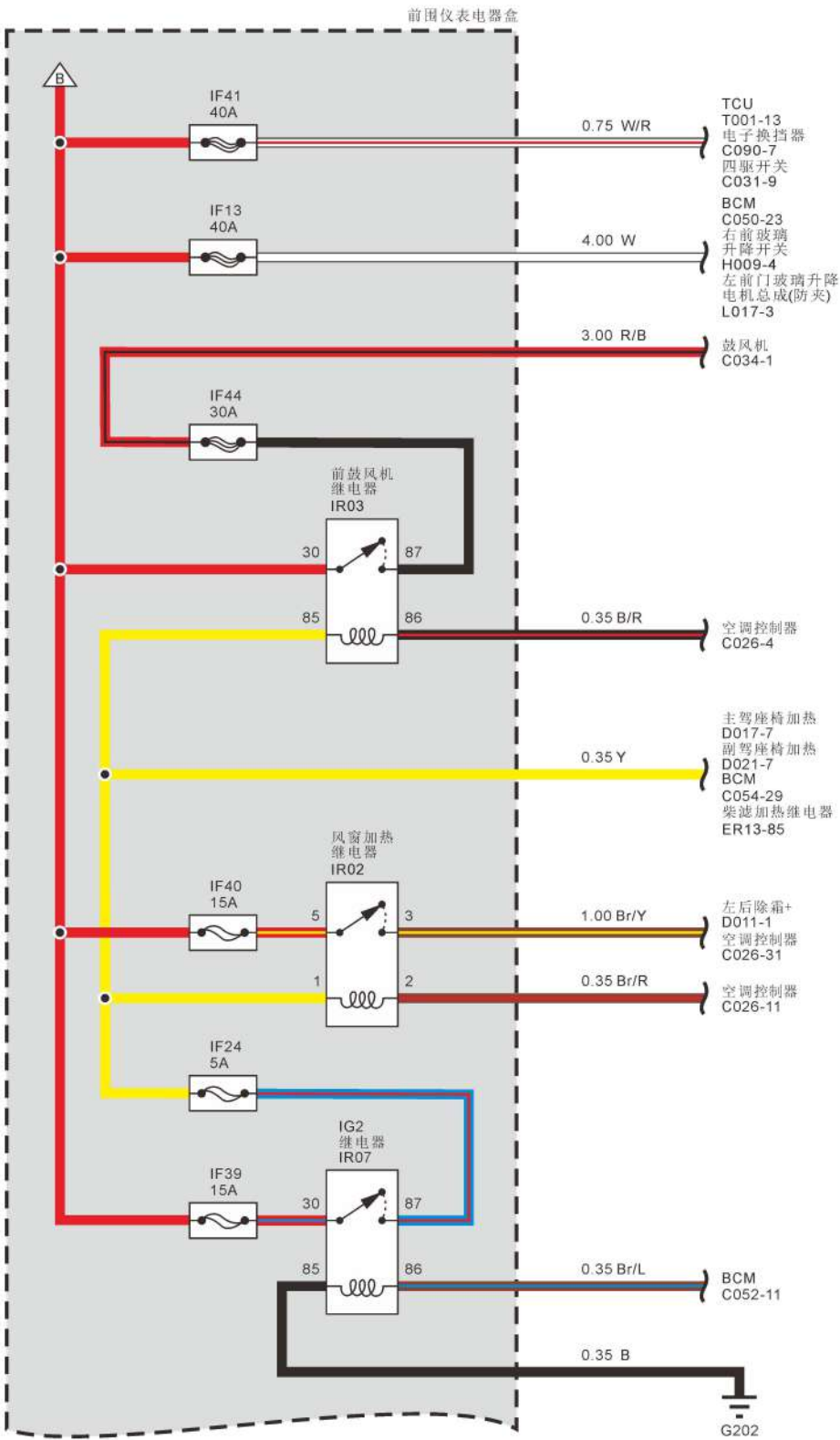
Front meter power distribution1

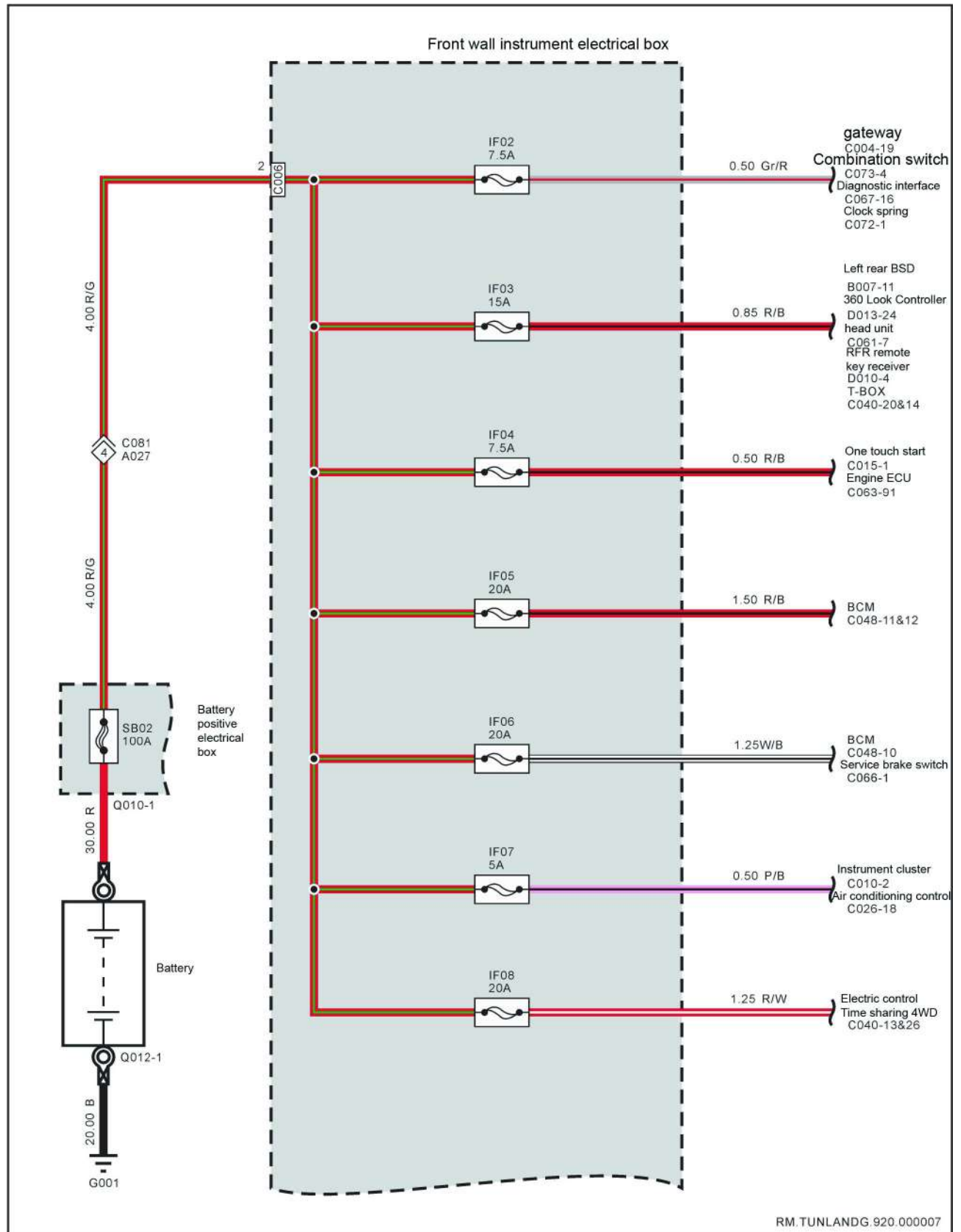


Front meter power distribution2



Front meter power distribution3



Front meter power distribution⁴

System description :

System power refers to the battery through the battery positive electrical box front cabin electrical box and front peripheral instrument electrical box power supply, through the front cabin electrical box and front peripheral instrument electrical box in the fuse and Relays to provide power to the vehicle electrical equipment.

Press the push-button start button, and the current provides the corresponding power supply to the whole vehicle through the corresponding fuse and Relays



: Connectors between the harness and the harness

FL

numbering	numbering	Reference harness(Connector location)
A027	C081	Engine compartment wiring harness and front instrument harness (interior on the left side of the dashboard)

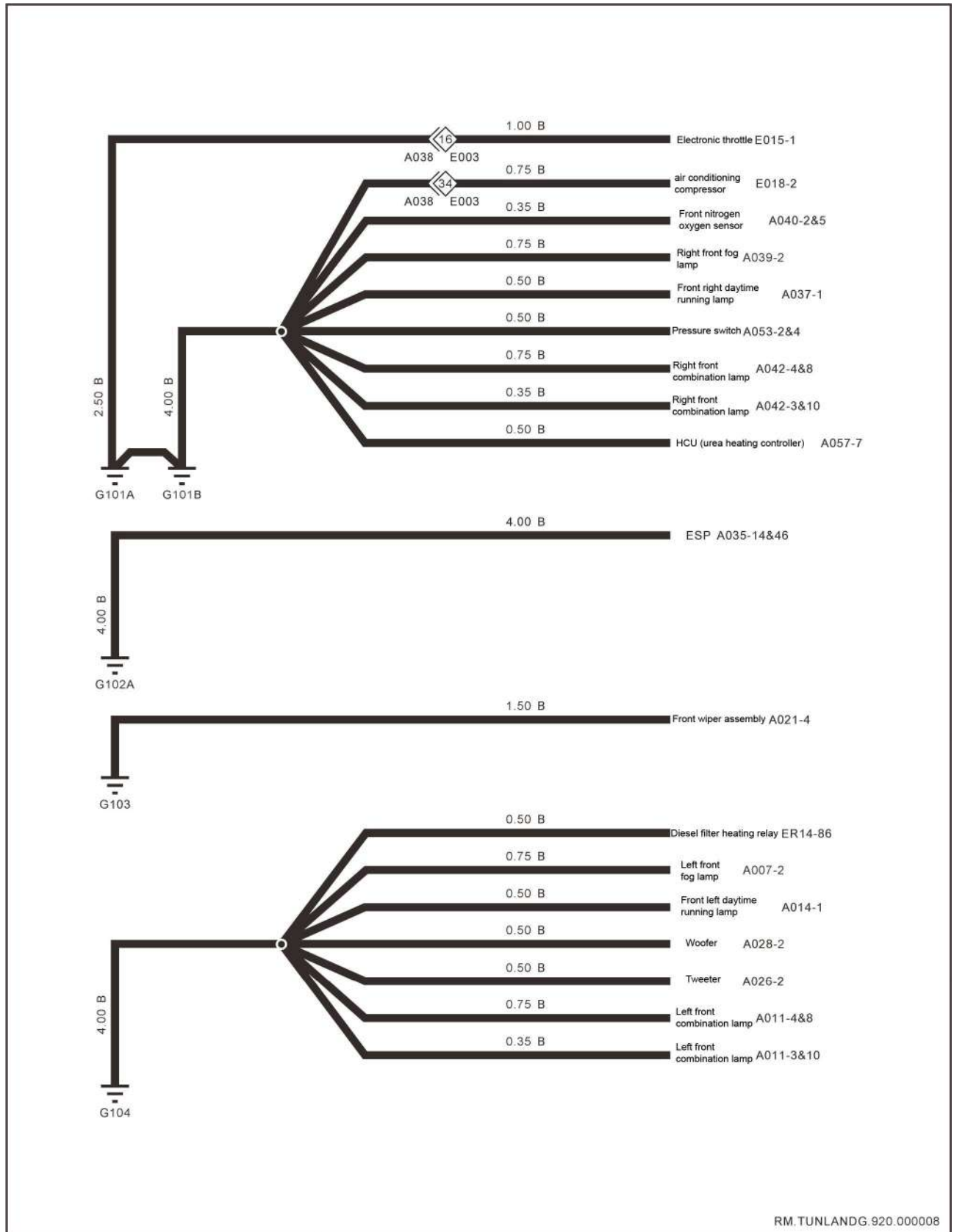


: earthing

numbering	Earthing point location	numbering	Earthing point location
G001	Inside the front cabin electrical box	G002	Inside the front cabin electrical box
G104	Left side of the forward cabin	G106B	Left side of the forward cabin
G202	The inside of the lower shield of the left A-pillar	—	—

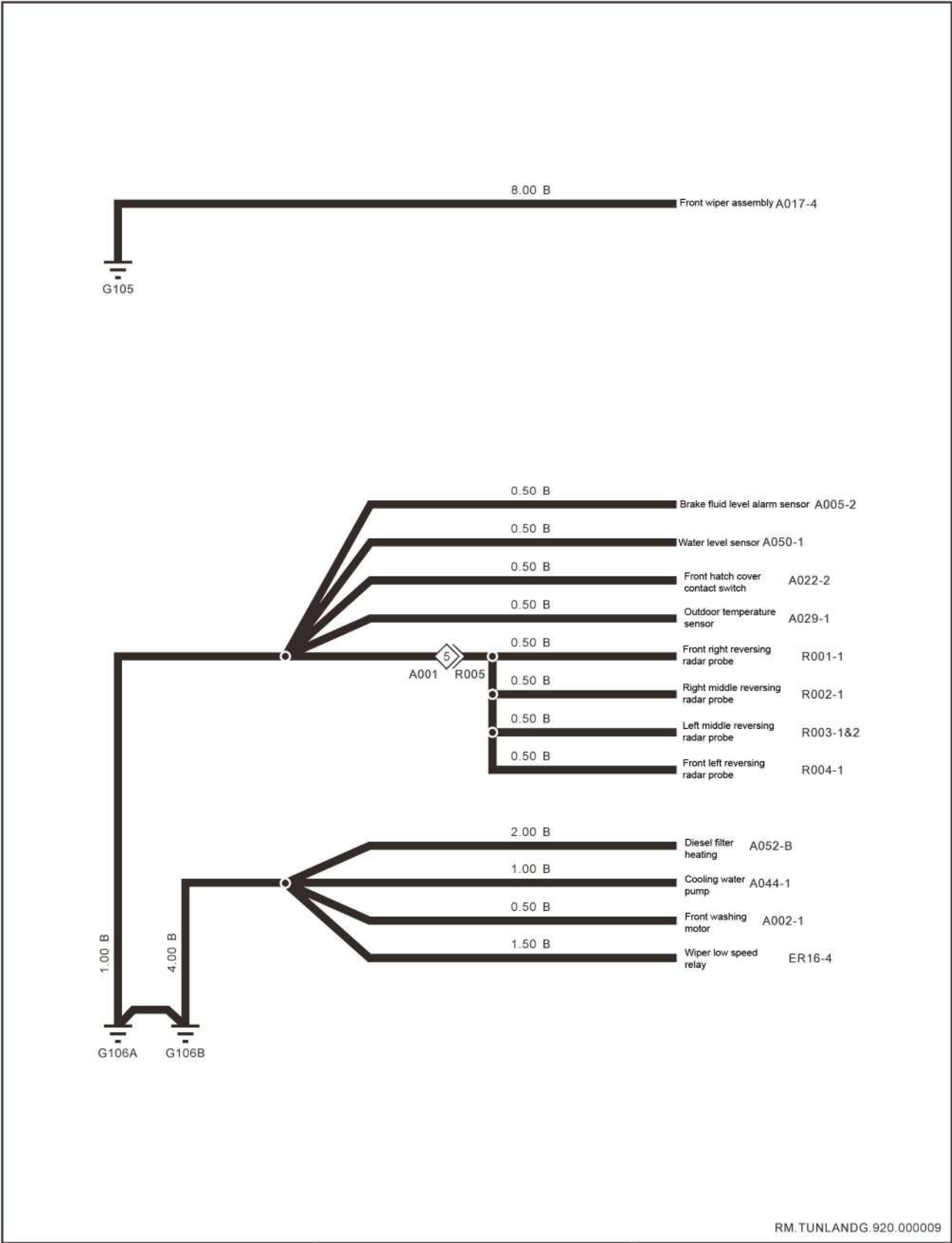
earthing

Earthing point1

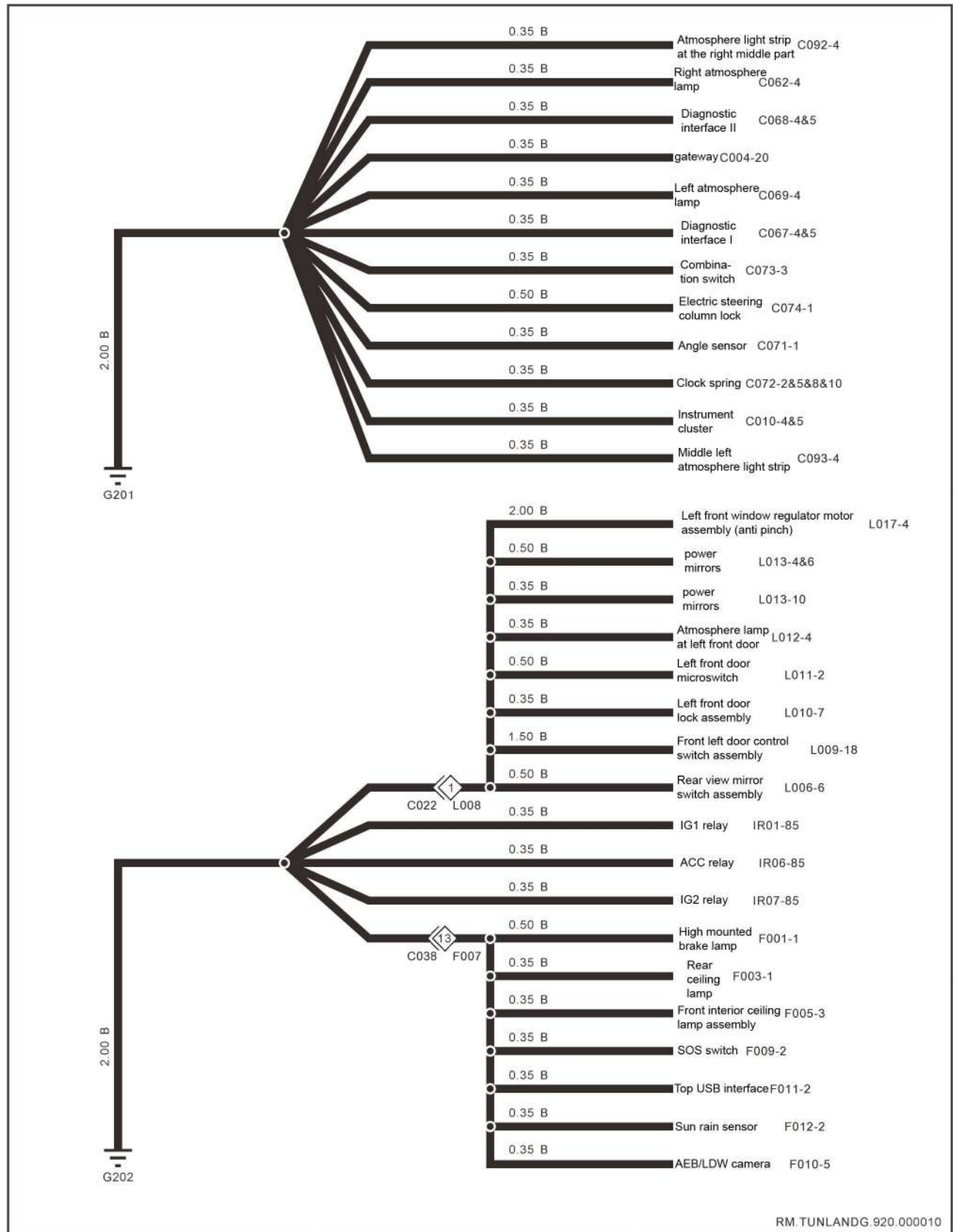


Earthing point2

FL

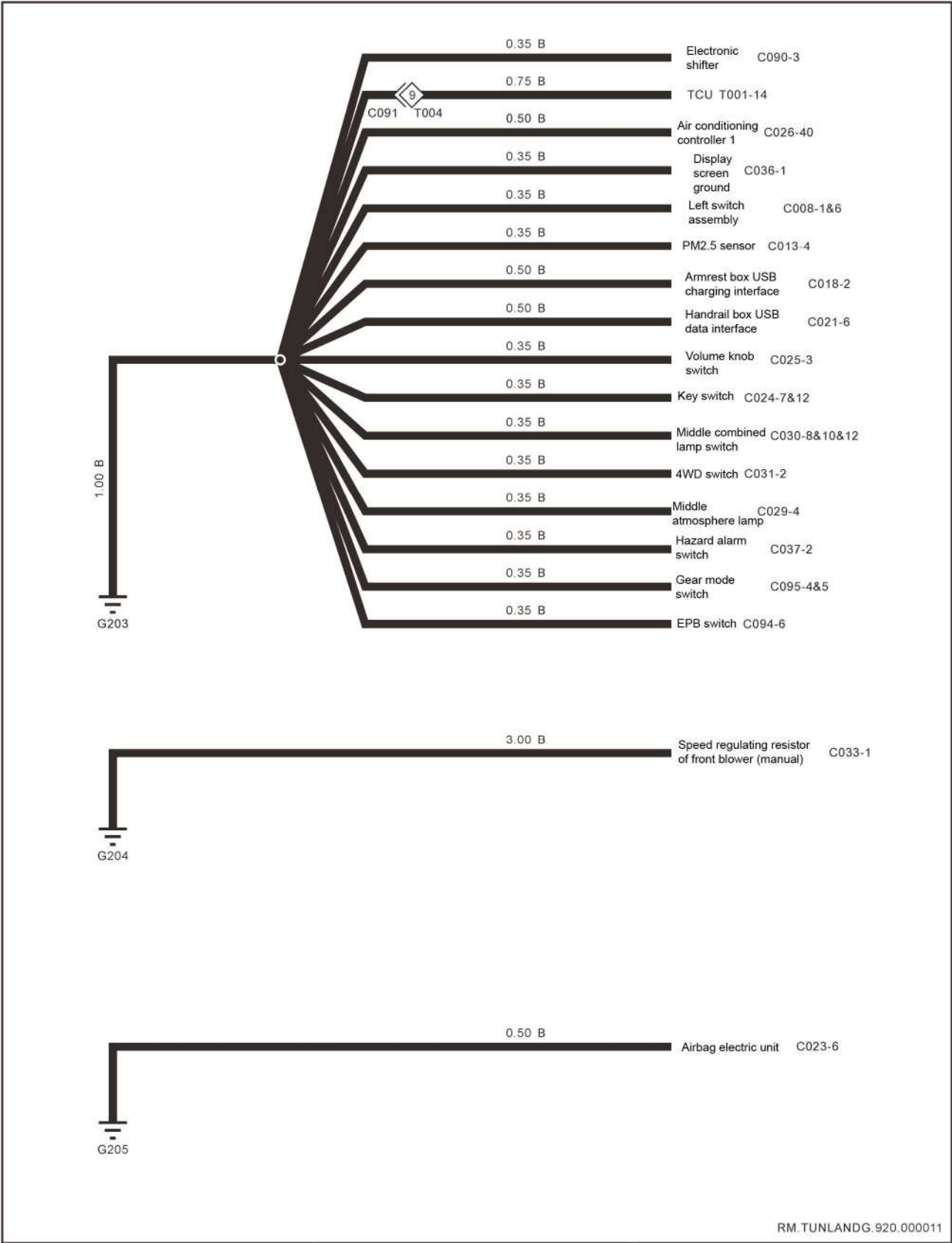


Earthing point3

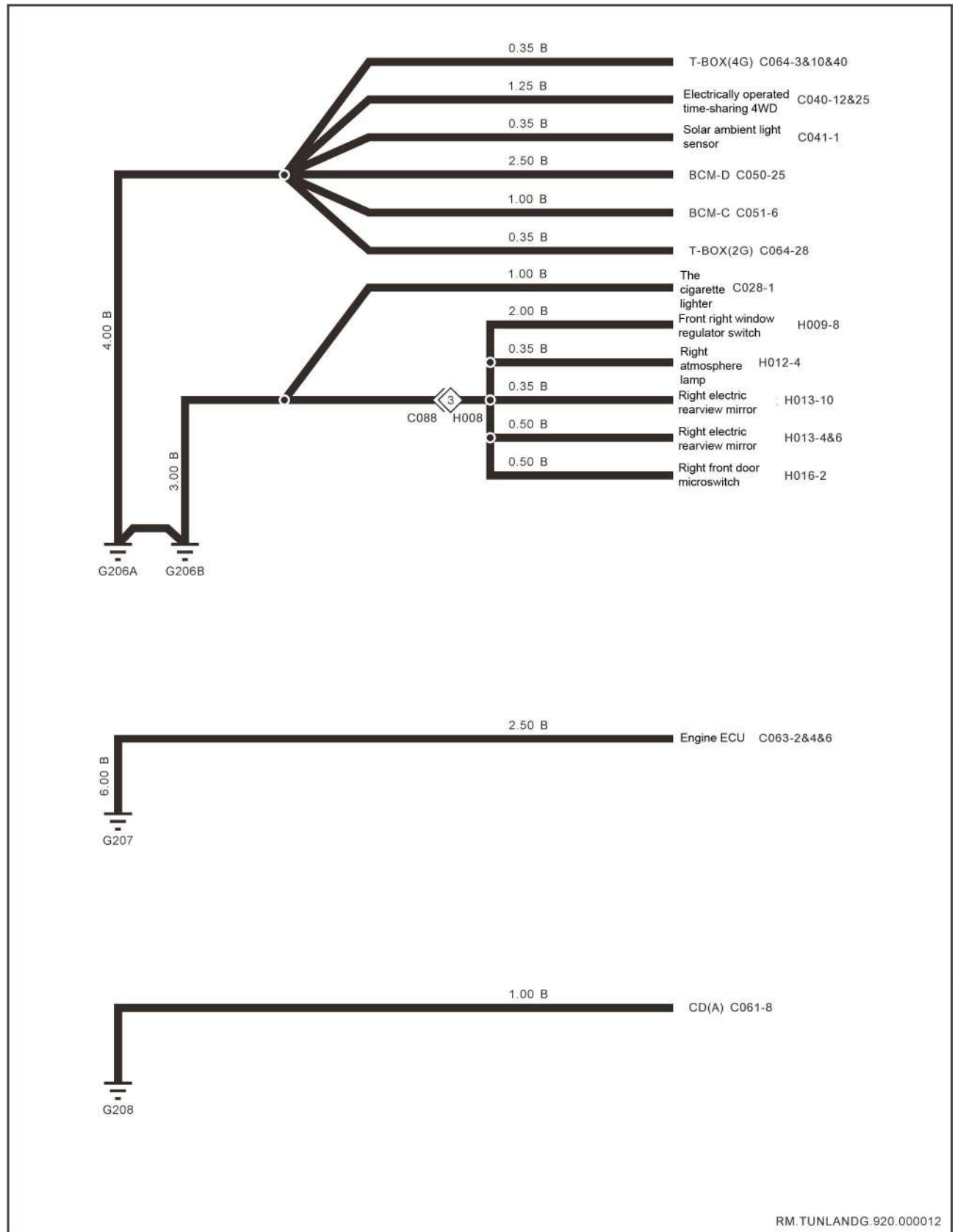


Earthing point4

FL

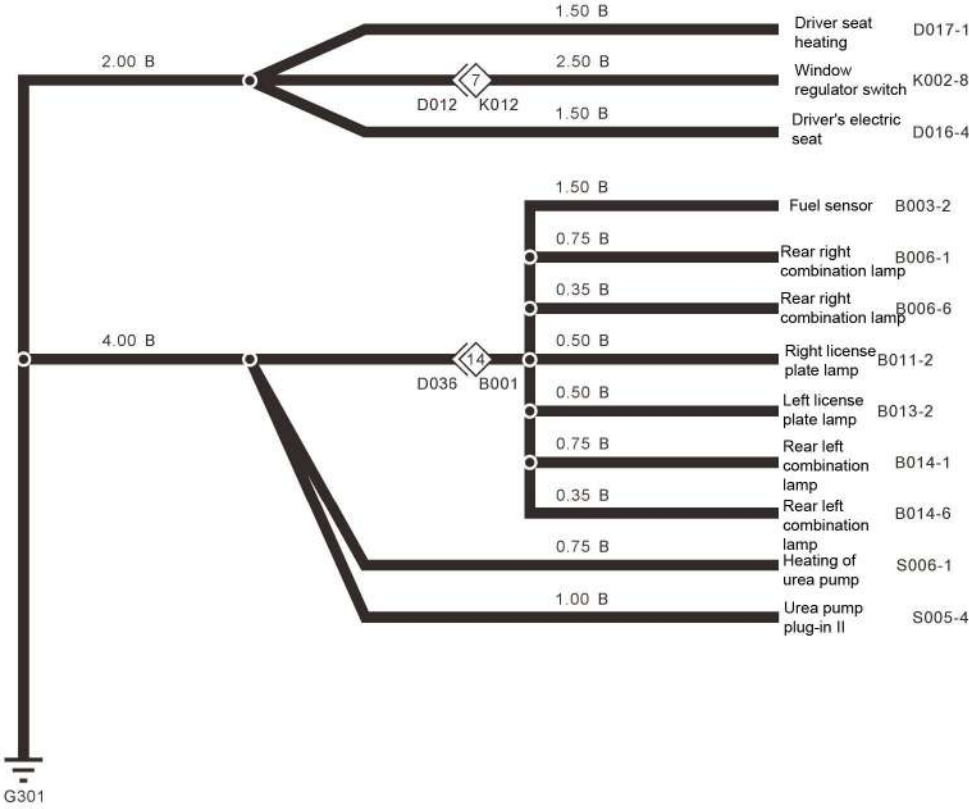


Earthing point5

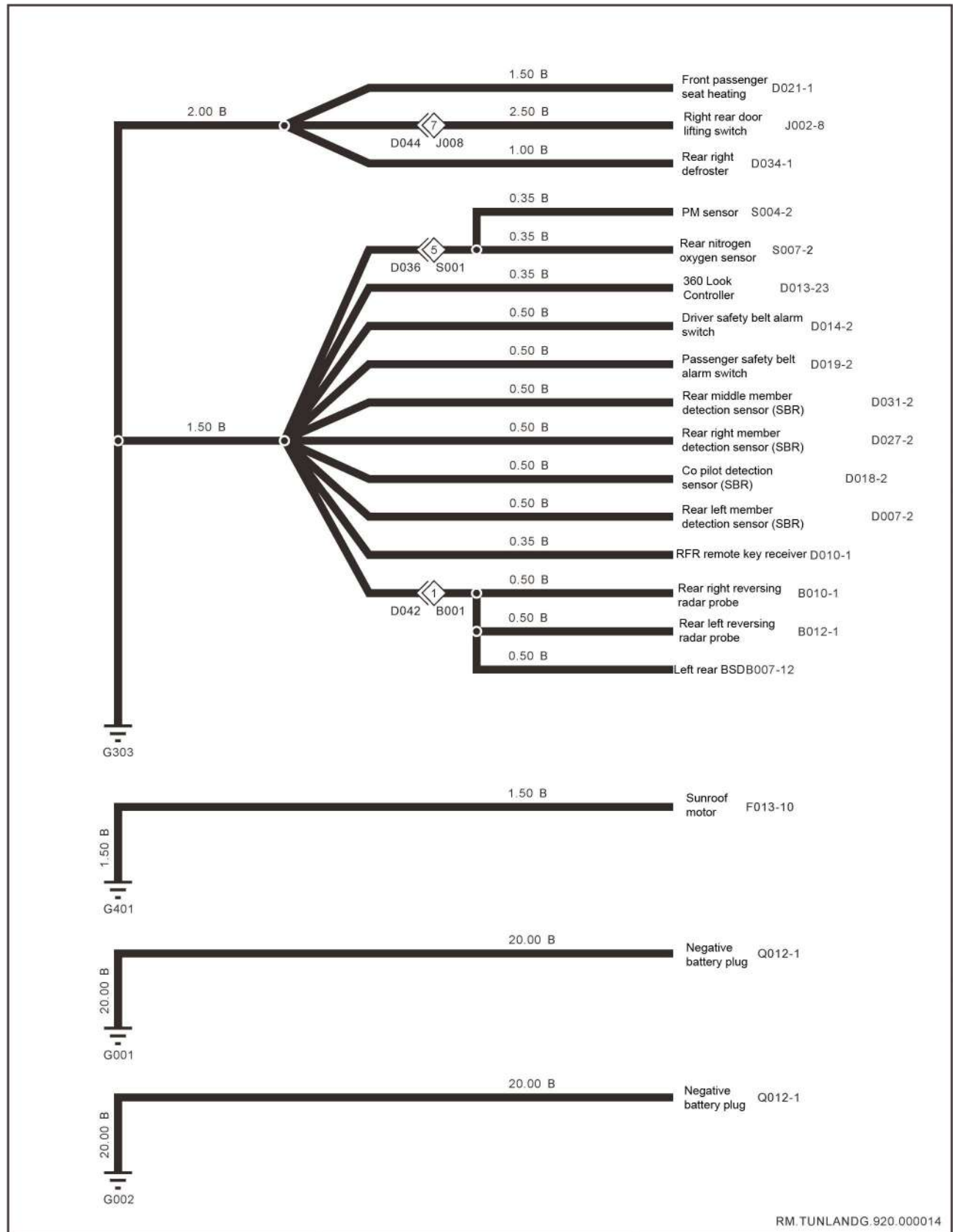


Earthing point6

FL



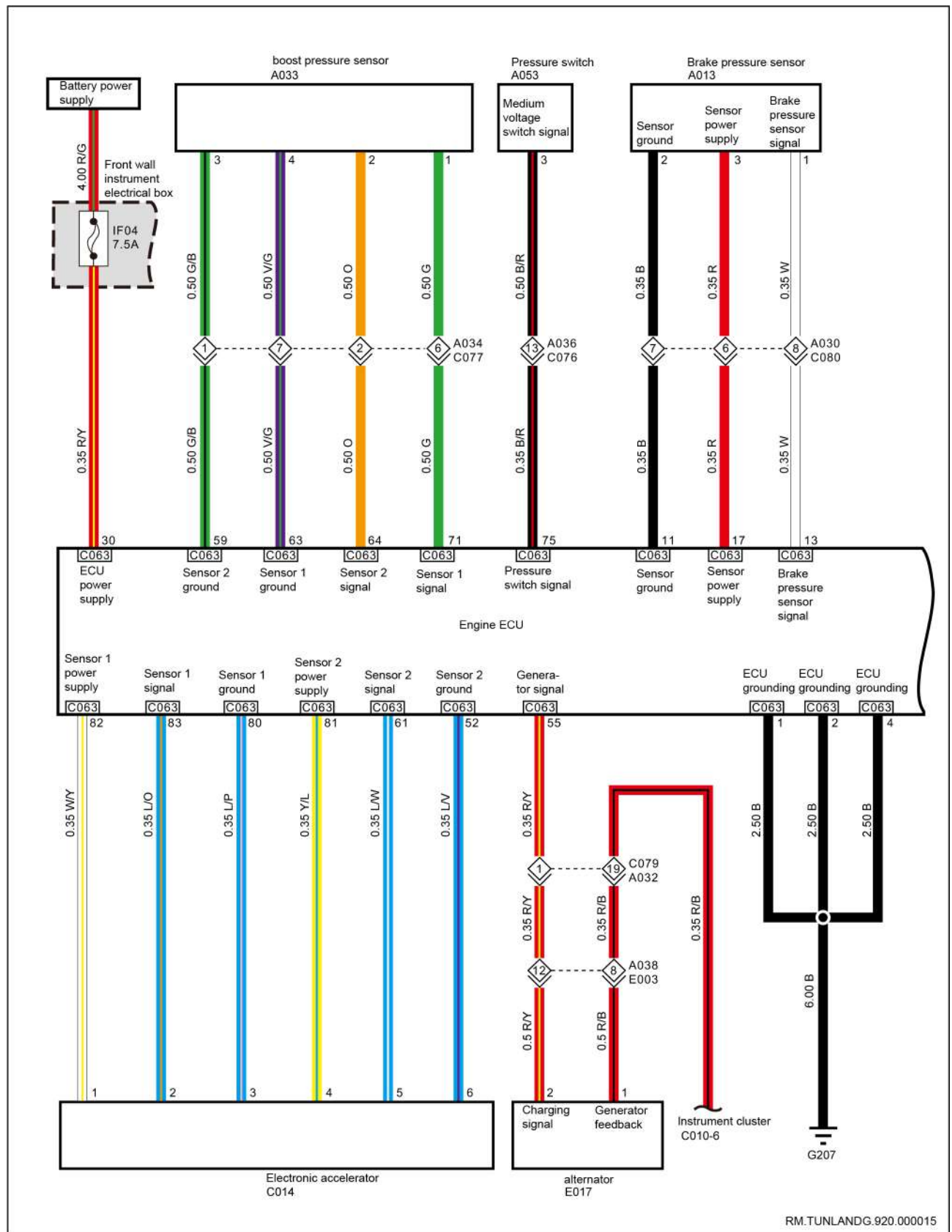
Earthing point7



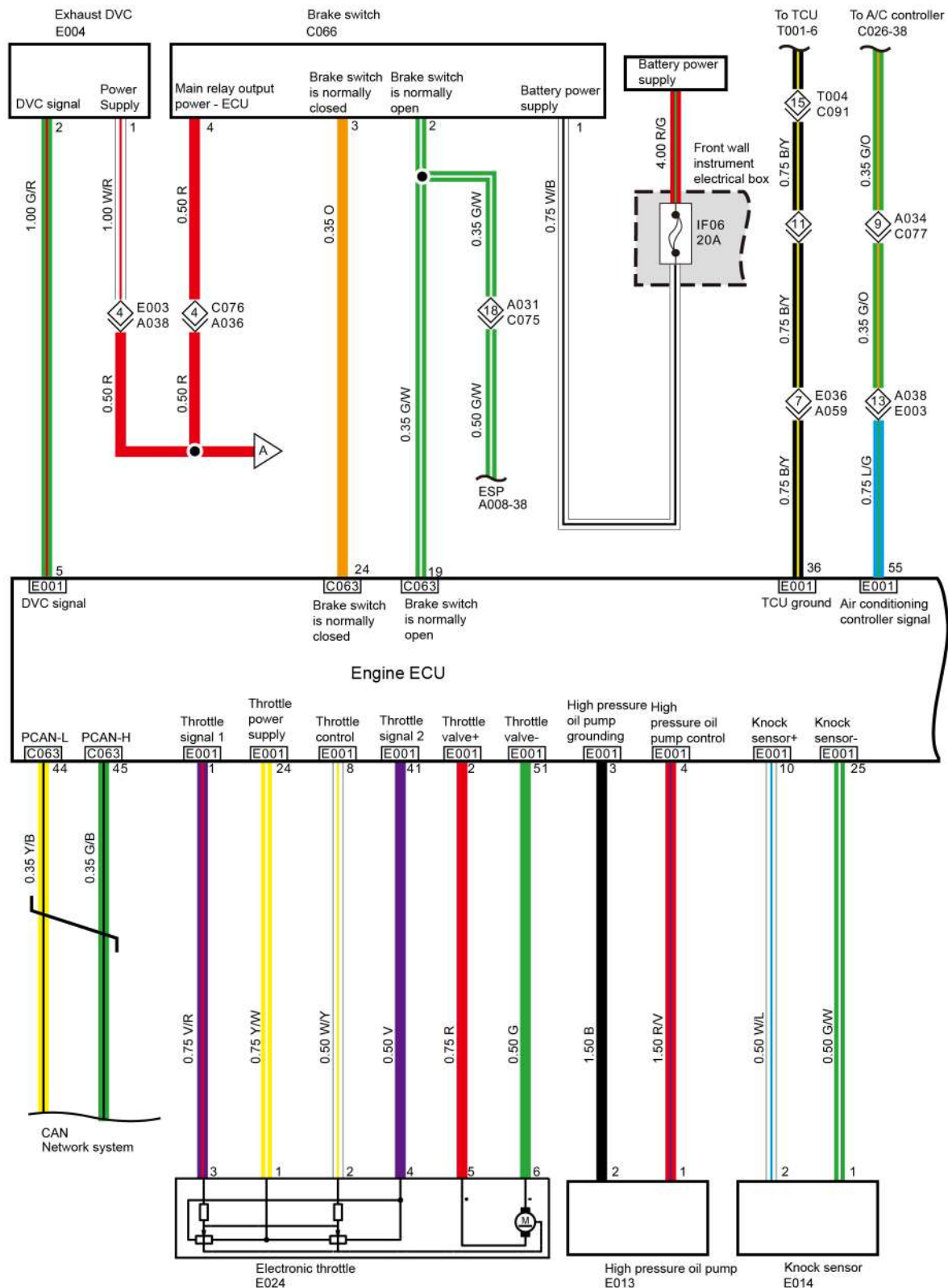
: Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
A038	E003	Engine wiring harness and engine compartment wiring harness (near the ESP control unit on the right side of the engine compartment).
A001	R005	Engine compartment wiring harness and front bumper harness (left interior of the engine compartment).
F007	C038	Headline harness and front gauge harness (interior on the left side of the dashboard).
L008	C022	The inside of the lower shield of the left A-pillar
T004	C091	Automatic transmission wiring harness and front instrument harness (interior on the left side of the dashboard).
H008	C088	Right front door harness and front circumference instrument harness (inside right A-pillar lower skid plate).
K012	D012	Left rear door harness and floor harness (inside left B-pillar lower skid plate).
B001	D036	Frame harnesses and floor harnesses (under the main driver's seat).
J008	D044	Right rear door harness and floor harness (right B-pillar lower skid inside).
S001	D036	After-treatment harnesses and floor harnesses (under the passenger seat).
B001	D042	Frame harnesses and floor harnesses (under the main driver's seat).

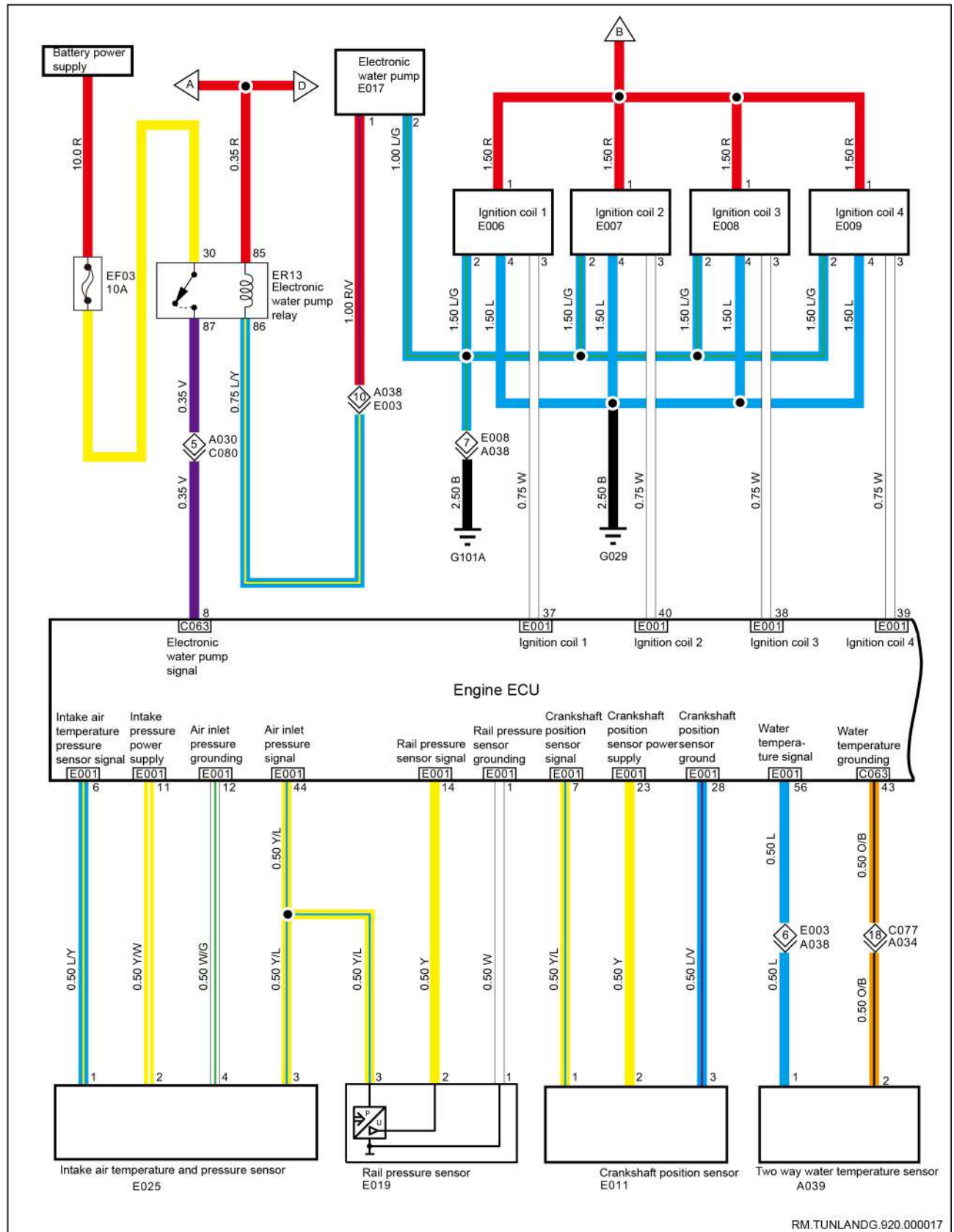
Engine electronic control system1



Engine electronic control system2

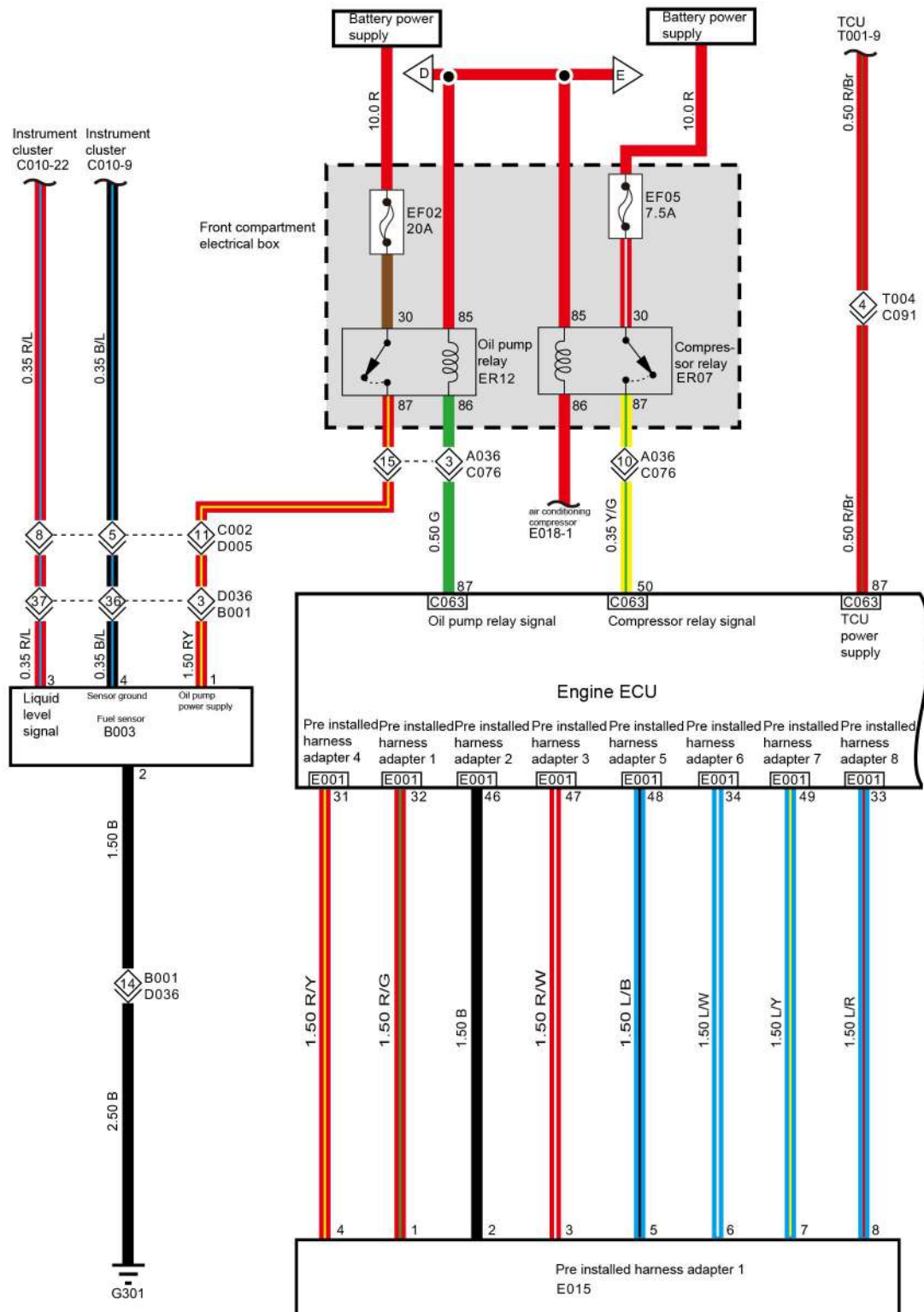


Engine electronic control system3

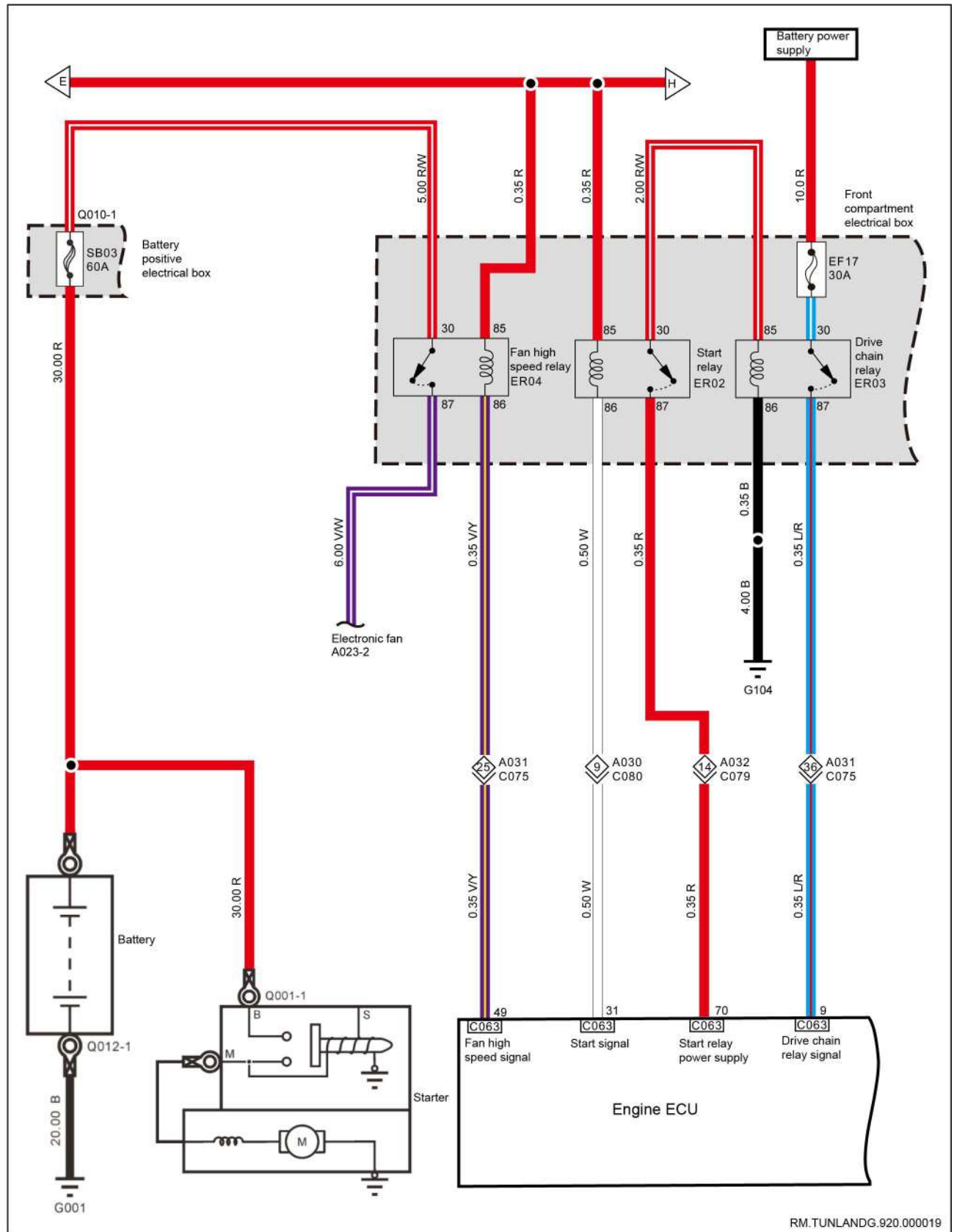


Engine electronic control system4

FL

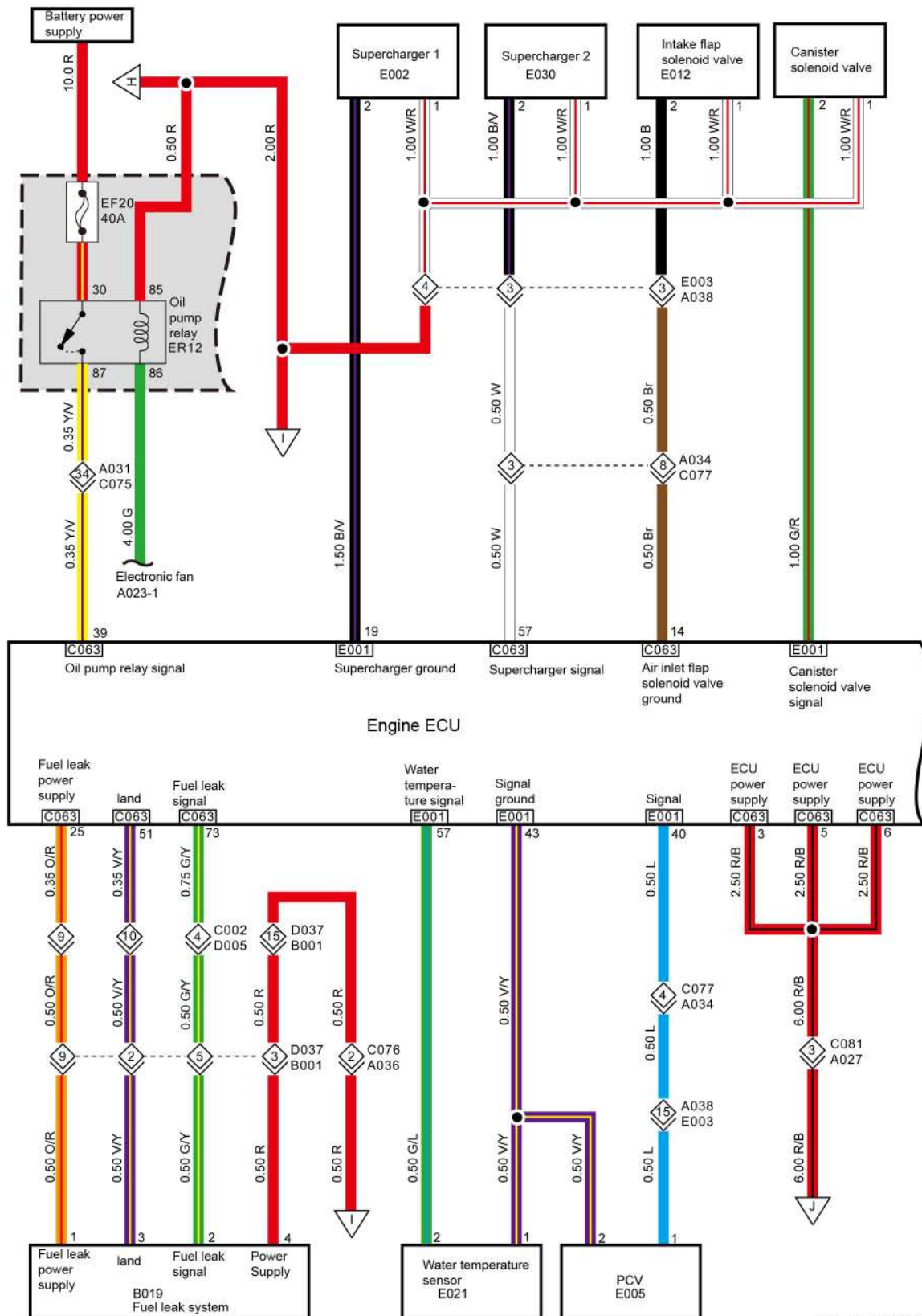


Engine electronic control system5



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Engine electronic control system6



System description :

The diesel engine management system is mainly composed of three parts: sensor signal input, electronic control module and executive control

- **Signal input**
When the brake pedal is pressed, the brake light switch contact is closed and output from terminal No. 2 to terminal No. 54 of the engine electronic controller C063 to provide the brake light switch signal.
- **Oil pressure switch**
The engine starts, the oil pressure rises to the normal oil pressure of the system, the oil pressure switch is disconnected, the engine ECU sends a signal to the instrument cluster through a hard wire, and the oil pressure alarm light on the instrument cluster goes out.
- **Rail Pressure sensor**
Provided to the engine ECU, pressure signal in common rail.
- **Injector, fuel metering unit**
The amount of oil injected into the cylinder and the amount of oil entering the common rail are controlled respectively.
- **Inlet air temperature and Pressure sensor**
The pressure and temperature of the incoming gas in the intake manifold are detected to adjust the amount of fuel injection.
- **Electronic accelerator pedal sensor**
The electronic accelerator pedal sensor detects the position of the accelerator pedal, and when it detects that the accelerator pedal position changes, it will instantly transmit the change information to the engine electronic control module, and the engine electronic control module will calculate and process the information as one of the basic signals to adjust the amount of fuel injection.

 : Part location

numbering	Reference harness	numbering	Reference harness
A013	Engine compartment wiring harness	A020	Engine compartment wiring harness
A040	Engine compartment wiring harness	A041	Engine compartment wiring harness
A043	Engine compartment wiring harness	A044	Engine compartment wiring harness
A045	Engine compartment wiring harness	A047	Engine compartment wiring harness
A048	Engine compartment wiring harness	A050	Engine compartment wiring harness
A051	Engine compartment wiring harness	B003	Frame harness
C003	Front meter harness	C014	Front meter harness

numbering	Reference harness	numbering	Reference harness
C063	Front meter harness	C066	Front meter harness
E001	Engine wiring harness	E002	Engine wiring harness
E004	Engine wiring harness	E005	Engine wiring harness
E006	Engine wiring harness	E007	Engine wiring harness
E008	Engine wiring harness	E009	Engine wiring harness
E010	Engine wiring harness	E011	Engine wiring harness
E012	Engine wiring harness	E013	Engine wiring harness
E014	Engine wiring harness	E015	Engine wiring harness
E016	Engine wiring harness	E020	Engine wiring harness
E021	Engine wiring harness	E025	Pre-wired bundles
E030	Engine wiring harness	S002	Post-processing harnesses
S008	Post-processing harnesses	—	—



: Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
E023	E024	Engine wiring harness and pre-wired bundles (near the dipstick in front of the engine)
A025	C078	Engine compartment wiring harness and Front meter harness (inside the left side of the dashboard)
A027	C081	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)
A030	C080	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)
A032	C079	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)

numbering	numbering	Reference harness(Connector location)
A034	C077	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)
A036	C076	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)
A038	E003	Njin Kang Patment Gate Welling Hanis and Nkim Welling Hanis(Near the ESP control unit on the right side of the engine compartment)
D022	C005	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the left A-pillar)
D005	C002	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the left A-pillar)
B001	D036	Frame harness and floor harnesses(Under the main driver's seat)
B002	D037	Frame harness and floor harnesses(Under the main driver's seat)
S001	D042	Post-processing harnesses and floor harnesses(Under the passenger seat)

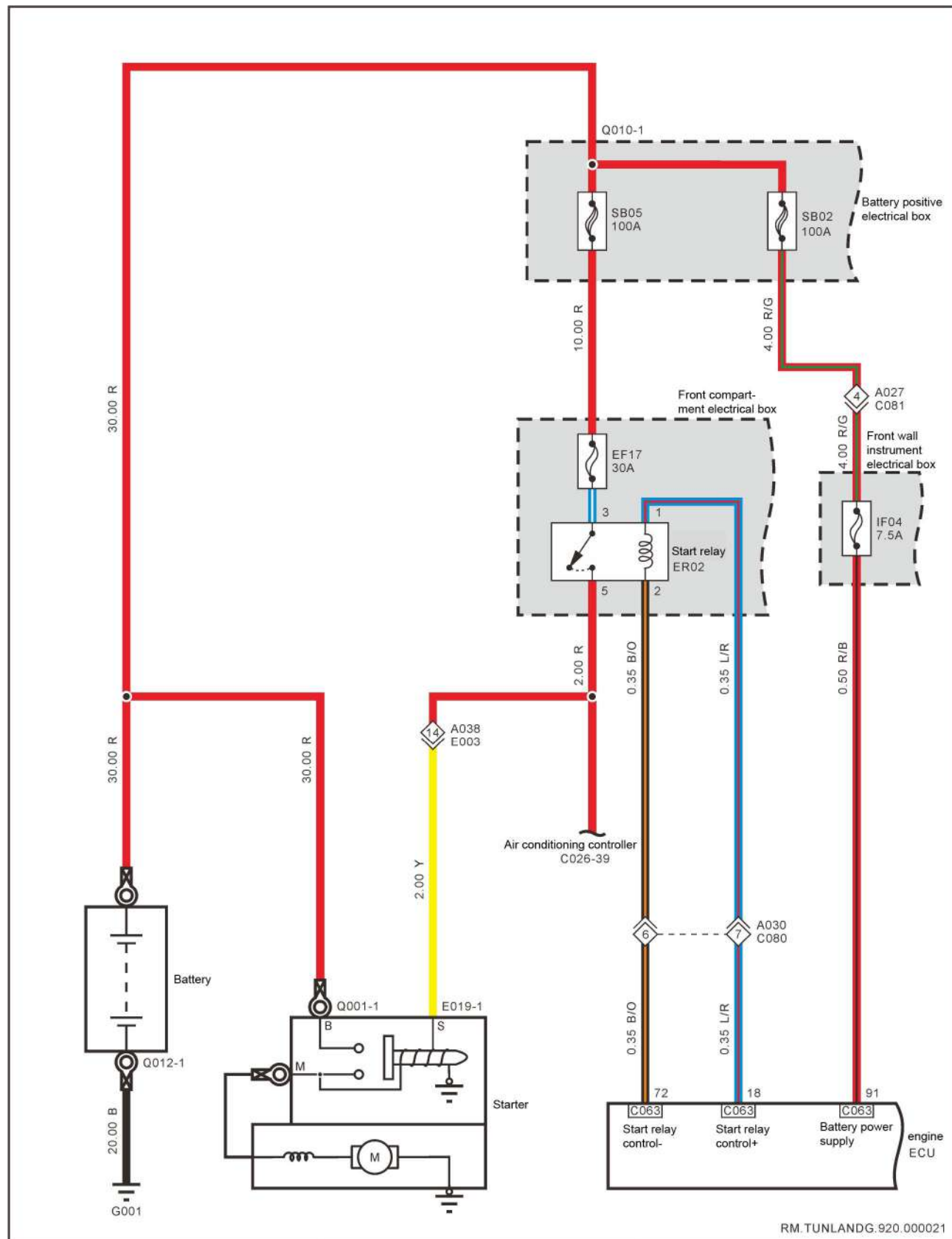
 : earthing

numbering	Earthing point location	numbering	Earthing point location
G101A	Right side of the forward cabin	G101B	Right side of the forward cabin
G106A	Left side of the forward cabin	G106B	Left side of the forward cabin
G207	Instrument beam in the middle	G301	On the floor under the main driver's seat

FL

Starting system circuit diagram

FL



System description :

The battery current is sent to fuseSB02 and SB05 in the positive battery box, one way is output from the front peripheral instrument box fuseF04 to the engine ECUC063 terminal 91 through fuseSB02, as the power supply of the engine control system, and the other way is passed through fuseSB05 from the front cabin electrical box fuseEF17 to the No. 3 terminal of Start the relayER02, press the brake pedal and clutch pedal, when the gear position is in P or N gear , press the one-button start button, the engine ECU controls the starting Relays No. 1 and No. 2 coils are energized, the contacts are closed, the current is output to the No. 1 terminal of the starter E019 through the No. 5 terminal of the starting RelaysER02, and the battery current is sent to the starter B+ end, the starter electromagnetic contact is closed and closed, the starter is energized and runs, and the engine flywheel is driven to rotate through the gear, and the engine starts to run.

FL

 : Part location

numbering	Reference harness	numbering	Reference harness
C063	Front meter harness	E001	Engine wiring harness
E019	Engine wiring harness	Q001	Battery harness
Q010	Battery harness	Q012	Battery harness

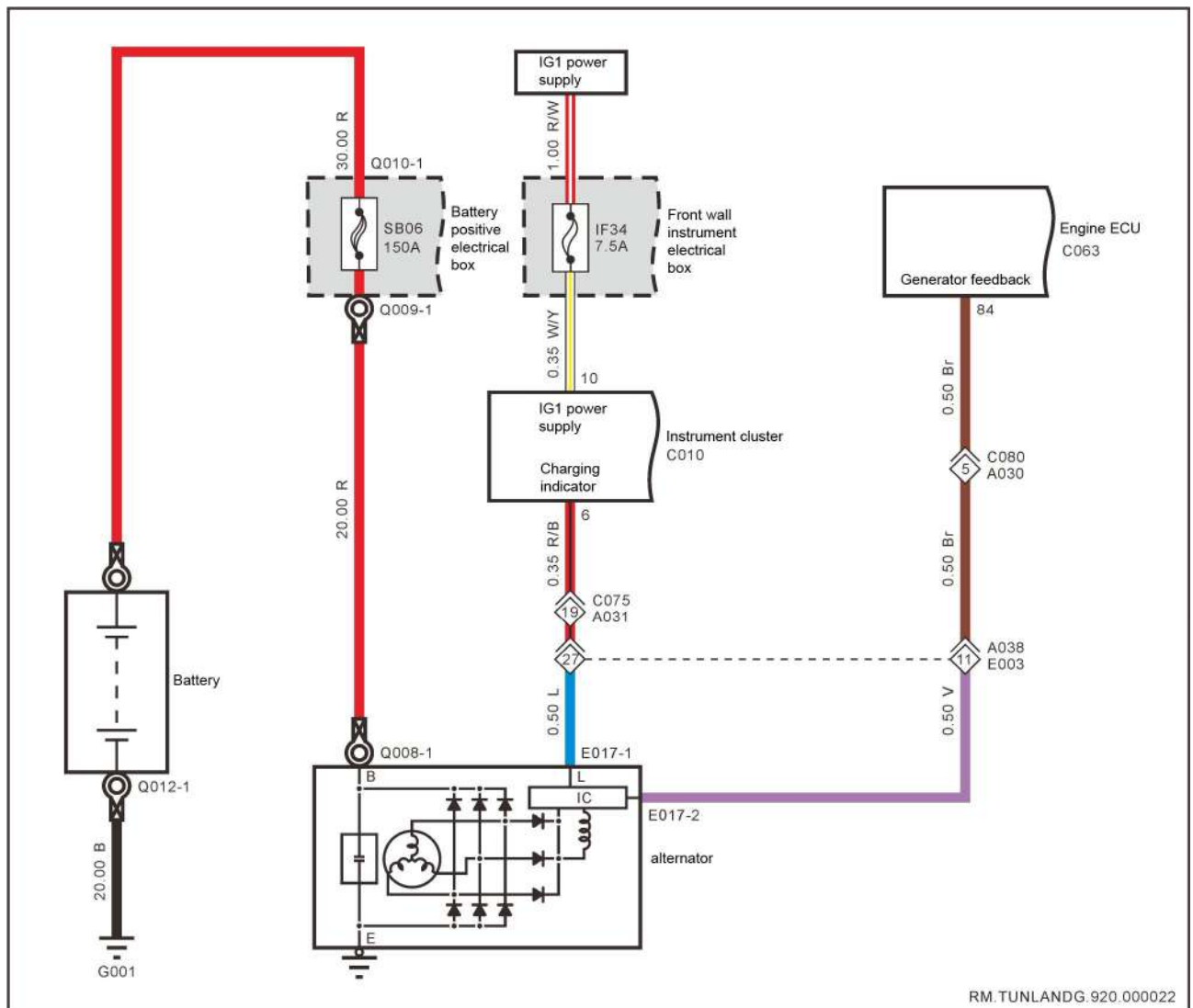
 : Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
E003	A038	Nkim Welling Hanes and Njin Konpat Ment, Willing Hanes(Near the ESP control unit on the right side of the engine compartment)
Q011	A010	Bartelihanis and Njinkanpat Ment, Willinghanis(Inside the front cabin electrical box)
A030	C080	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)
A027	C081	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G001	Inside the front cabin electrical box	—	—

Charging system circuit diagram



System description :

Starting the engine, the engine ECU outputs the generator excitation signal to the generator assembly, and passes through the internal voltage regulator to the generator excitation winding, and the excitation winding is energized to generate a magnetic field. The generator rotates, the stator coil cuts the magnetic field line, generates a three-phase induced electromotive force, through the rectifier composed of diodes, converted into direct current, through the generator terminal B output, through the battery positive electrical box fuse SB06, to charge the battery, at the same time the L end of the generator output charging indication signal to the No. 6 terminal of the combination instrument C010, drive the battery charging indicator in the instrument to light up, and provide electric energy to other electrical equipment.

FL
 : Part location

numbering	Reference harness	numbering	Reference harness
C010	Front meter harness	C063	Front meter harness
E017	Engine wiring harness	Q008	Battery harness
Q009	Battery harness	Q010	Battery harness
Q012	Battery harness	—	—

 : Connectors between the harness and the harness

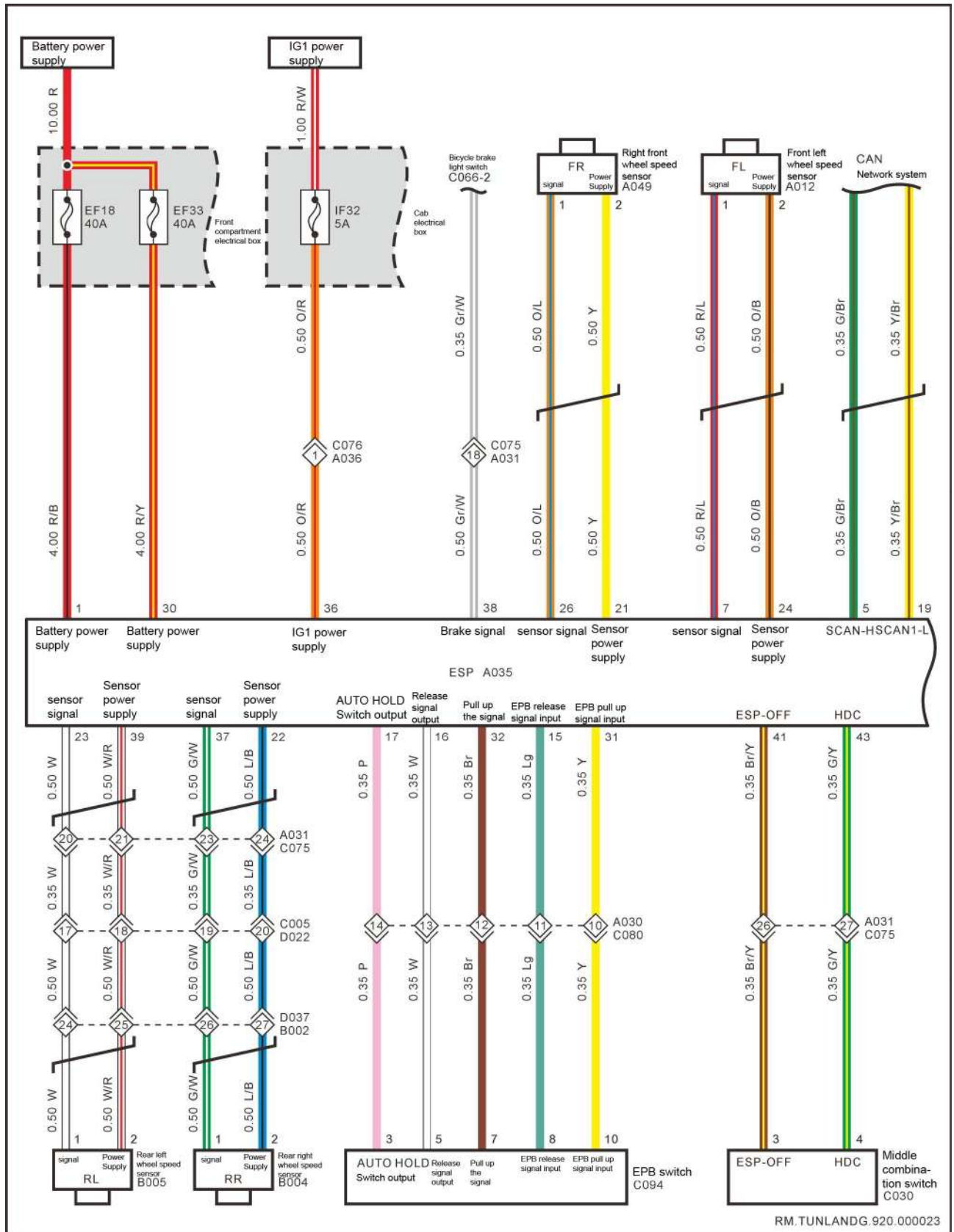
numbering	numbering	Reference harness(Connector location)
A031	C075	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)
A030	C080	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)
E003	A038	Nkim Welling Hanes and Njin Konpat Ment, Willing Hanes(Near the ESP control unit on the right side of the engine compartment)

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G001	Inside the front cabin electrical box	—	—

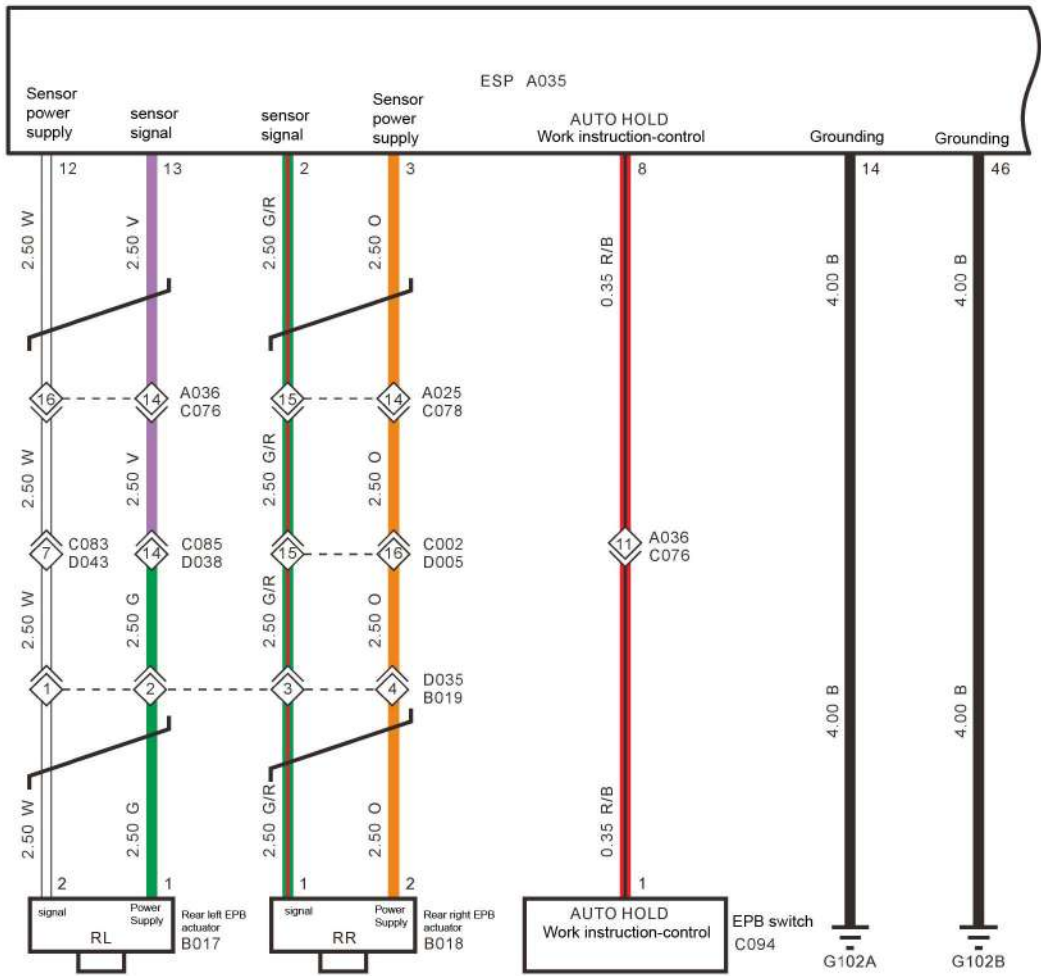
ABS brake anti-lock braking system

ABS brake anti-lock braking system1



ABS brake anti-lock braking system2

FL



System description :**1. System description**

ABS anti-lock braking system is to use the wheel speed sensor to detect the wheel speed, transmit the wheel speed signal to the control module, the control module according to the input wheel speed, by repeatedly increasing or decreasing the braking pressure on the wheel to control the wheel slip rate, keep the wheel rotation; So that the vehicle in the braking state, can not only prevent the wheel locking, but also have the ability to steer, ensure the stability of the vehicle's braking and steering, and prevent sideslip and mistracking.

2. Power input

The battery power supply is supplied to the motor and individual wheel speed sensors in the ESP controller through the fuse EF33 and EF18 in the front cabin electrical box, to terminals 30 and 1 of ESPA035 respectively.

3. Wheel speed signal

The wheel speed signal is provided by four wheel speed sensors: the left front wheel speed sensor, the right front wheel speed sensor, the left rear wheel speed sensor and the right rear wheel speed sensor.

4. Driving brake signal

When the brake pedal is pressed, the ESP module receives the brake control signal sent by the brake switch and enters the service brake signal.

 : Part location

numbering	Reference harness	numbering	Reference harness
A012	Engine compartment wiring harness	A035	Engine compartment wiring harness
A049	Engine compartment wiring harness	B004	Frame harness
B005	Frame harness	B017	Frame harness
B018	Frame harness	C030	Front meter harness
C065	Front meter harness	C094	Front meter harness

 : Connectors between the harness and the harness

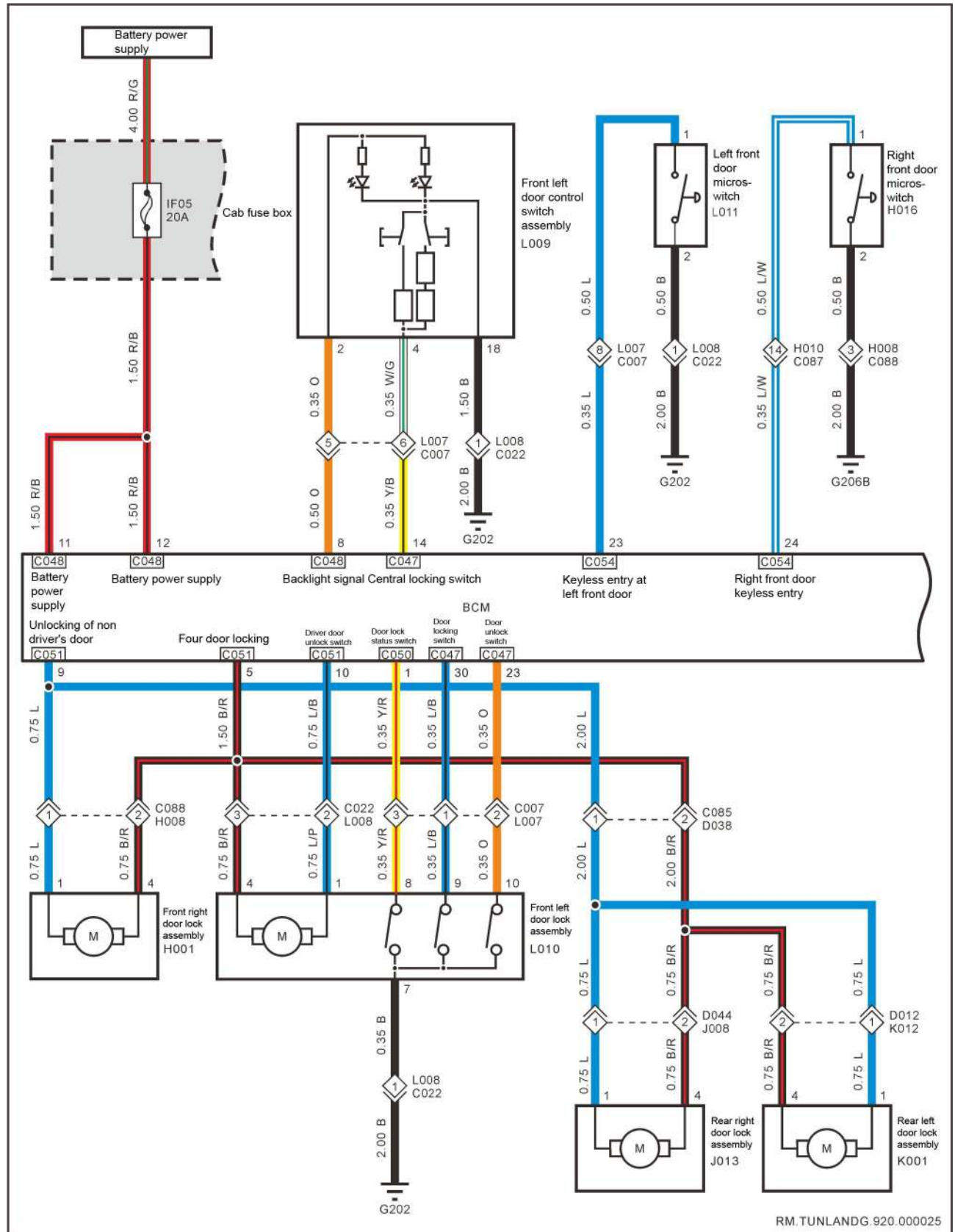
numbering	numbering	Reference harness(Connector location)
A036	C076	Njincompat Ment, Willinghames and Frante Met Hanis(Inside the left side of the dashboard)
A025	C078	Njincompat Ment, Willinghames and Frante Met Hanis(Inside the left side of the dashboard)

numbering	numbering	Reference harness(Connector location)
A030	C080	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)
A031	C075	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)
D005	C002	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the left A-pillar)
D022	C005	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the left A-pillar)
D038	C085	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the left A-pillar)
D043	C083	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the left A-pillar)
B019	D035	Frame harness and floor harnesses(Under the main driver's seat)
B022	D037	Frame harness and floor harnesses(Under the main driver's seat)

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G102A	Right side of the forward cabin	G102B	Right side of the forward cabin

Central locking system circuit diagram



System description :**1. System power**

The battery current is supplied to the central door lock system through terminals 11 and 12 of fuselF05 to BCMB connector C048 in the front meter fuse box.

2. Central locking/unlocking

When the vehicle speed is greater than the preset speed, control the four-door lock to automatically lock; Terminal 18 earthing of the left front door control switch assembly L009, terminal 4 outputs the latching signal to terminal 14 of the BCM connector C047 to provide the central control lockout/unlocking signal.

FL**3. Left front door latch/unlock control**

Unlocking: the left front door lock assembly unlock switch is turned on, the No. 7 terminal of L010 earthing, the No. 10 terminal signal output to the No. 23 terminal of the BCM connector C047, providing the unlock switch signal, the No. 10 terminal of the BCM connector C051 outputs the power supply to the No. 1 terminal of the left front door lock motor L010, and the No. 4 terminal of the door lock motor L010 is output to the No. 5 terminal of the BCM connector C051, through the BCM internal control earthing, the left front door lock is unlocked.

Locking: the left front door lock assembly latching switch is open, the No. 7 terminal of L010 earthing, the No. 9 terminal signal output to the No. 30 terminal of the BCM connector C047, providing the latching switch signal, the No. 5 terminal of the BCM connector C051 outputs the power supply to the No. 4 terminal of the left front door lock motor L010, and the No. 1 terminal of the door lock motor L010 is output to the No. 10 terminal of the BCM connector C051, through the BCM internal control earthing, the left front door lock is locked.

4. Non-driver door latching control

Locking: the left front door lock assembly lock switch is open, L010 terminal 7 earthing, No. 9 terminal signal output to BCM connector C047 terminal 30, providing a latching switch signal, BCM connector C051 No. 5 terminal output power, divided into four ways:

①To the No. 4 terminal of the left front door lock assembly connector L010, through the left front door lock motor, output from the No. 1 terminal of the door lock motor L010 to the No. 10 terminal of the BCM connector C051, through the BCM internal control earthing, the left front door lock is locked.

②To the No. 4 terminal of the left rear door lock assembly connector K001, through the left rear door lock motor, output from the No. 1 terminal of the door lock motor K001 to the No. 9 terminal of the BCM connector C051, through BCM internal control earthing, the left rear door lock is locked.

③To the No. 4 terminal of the right front door lock assembly connector H001, through the right front door lock motor, output from the No. 1 terminal of the door lock motor H001 to the No. 9 terminal of the BCM connector C051, through BCM internal control earthing, the right front door lock is locked.

④ To the No. 4 terminal of the right rear door lock assembly connector J013, through the right rear door lock motor, output from the No. 1 terminal of the door lock motor J013 to the No. 9 terminal of the BCM connector C051, through the BCM internal control earthing, the right rear door lock is locked.

5. Non-driver door unlock control

Unlock: the left front door lock assembly unlock switch is open, the No. 7 terminal earthing of L010, the No. 10 terminal signal output to the No. 23 terminal of the BCM connector C047,

providing the unlock switch signal, and the No. 9 terminal of the BCM connector C051 outputs the power supply, which is divided into three ways :

- ①To the No. 1 terminal of the left rear door lock assembly connector K001, through the left rear door lock motor, output from the No. 4 terminal of the door lock motor K001 to the No. 5 terminal of the BCM connector C051, through BCM internal control earthing, the left rear door lock is unlocked.
- ②to the No. 1 terminal of the right front door lock assembly connector H001, through the right front door lock motor, output from the No. 4 terminal of the door lock motor H001 to the No. 5 terminal of the BCM connector C051, and unlock the right front door lock through BCM internal control earthing.
- ③To the No. 1 terminal of the right rear door lock assembly connector J013, through the right rear door lock motor, output from the No. 4 terminal of the door lock motor J013 to the No. 5 terminal of the BCM connector C051, through BCM internal control earthing, the right rear door lock is unlocked.

 : Part location

numbering	Reference harness	numbering	Reference harness
C047	Front meter harness	C048	Front meter harness
C050	Front meter harness	C051	Front meter harness
C054	Front meter harness	H001	Right front door harness
H016	Right front door harness	J013	Right rear door harness
K001	Left rear door harness	L009	Left front door harness
L010	Left front door harness	L011	Left front door harness

 : Connectors between the harness and the harness

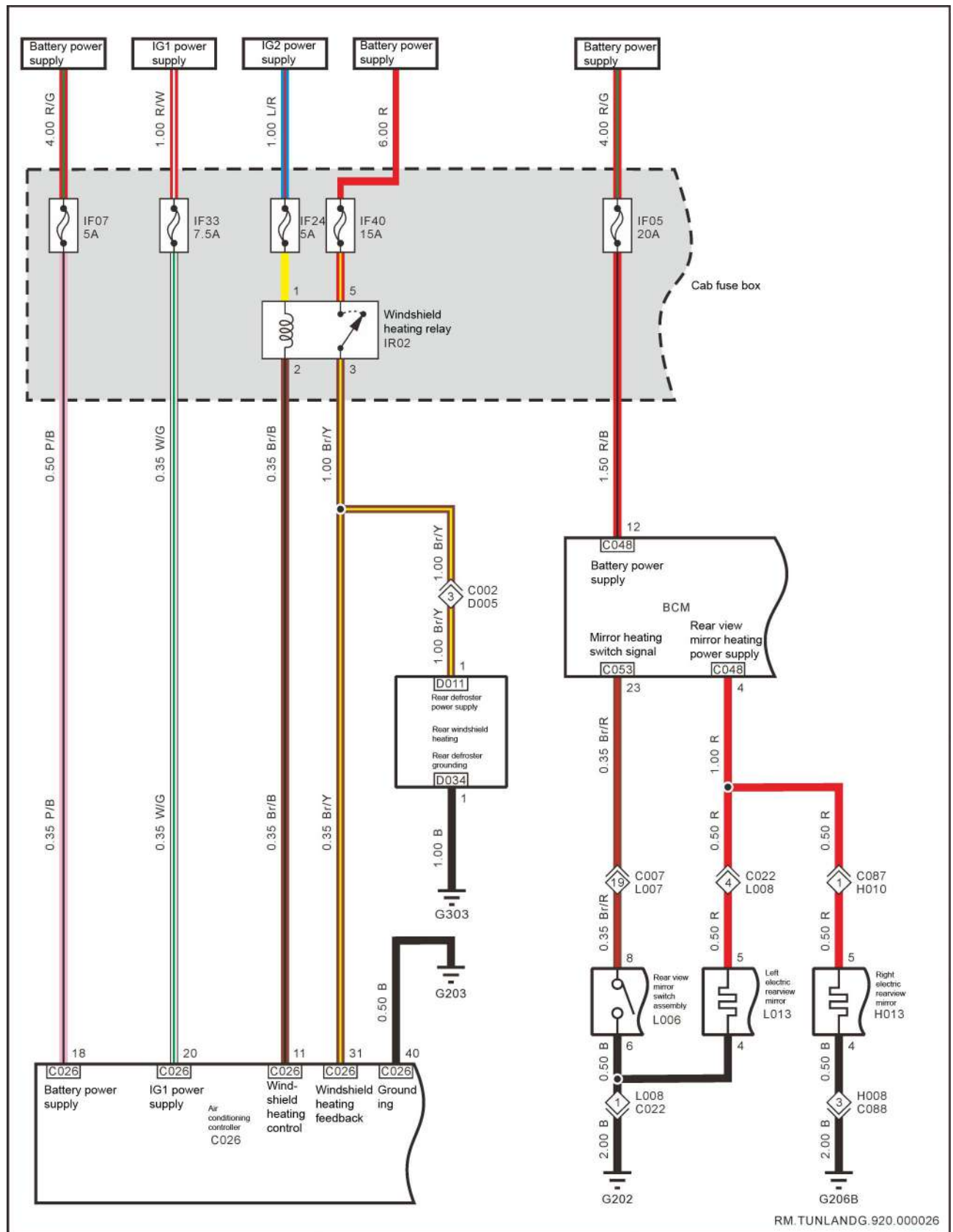
numbering	numbering	Reference harness(Connector location)
L007	C007	Left Fronte Dur Hanis and Frant Met Hanis(The inside of the lower shield of the left A-pillar)
L008	C022	Left Fronte Dur Hanis and Frant Met Hanis(The inside of the lower shield of the left A-pillar)
H008	C088	Wright Fronte Dulhanis and Fronte Mette Hannes(The inside of the lower shield of the right A-pillar)

numbering	numbering	Reference harness(Connector location)
H010	C087	Wright Fronte Dulhanis and Fronte Mette Hannes(The inside of the lower shield of the right A-pillar)
D038	C085	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the right A-pillar)
J008	D044	Right rear door harness and floor harness(The inside of the lower shield of the right B-pillar)
K012	D012	Left rear door harness and floor harness(The inside of the lower shield of the left B-pillar)

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G202	The inside of the lower shield of the left A-pillar	G206B	Instrument beam in the middle

Mirrors and rear windscreen heating system circuit diagram



System description :

The battery power supply passes through the 12th terminal of fuselF05 to BCMB connector C048 in the front instrument electrical box to provide power to the rearview mirror heating system; Turn on the rearview mirror heating switch, BCM receives the switch signal after the number, the output power of the 4th terminal of the BCMB connector C048 is to the No. 5 terminal of the left electric mirror connector L013 and the No. 5 terminal of the right electric mirror connector H013, and the corresponding rearview mirror side terminal No. 4 earthing, the mirror heating system works.

 : Part location

FL

numbering	Reference harness	numbering	Reference harness
C026	Front meter harness	C048	Front meter harness
C053	Front meter harness	D011	Floor harnesses
D034	Floor harnesses	H013	Right front door harness
L006	Left front door harness	L013	Left Fronte Durr Hanes harness

 : Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
D005	C002	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the left A-pillar)
H010	C087	Wright Fronte Dulhanis and Fronte Mette Hannes(Inside the left side of the dashboard)
H008	C088	Wright Fronte Dulhanis and Fronte Mette Hannes(The inside of the lower shield of the right A-pillar)
L007	C007	Left Fronte Dur Hanis and Frant Met Hanis(The inside of the lower shield of the left A-pillar)
L008	C022	Left Fronte Dur Hanis and Frant Met Hanis(The inside of the lower shield of the left A-pillar)

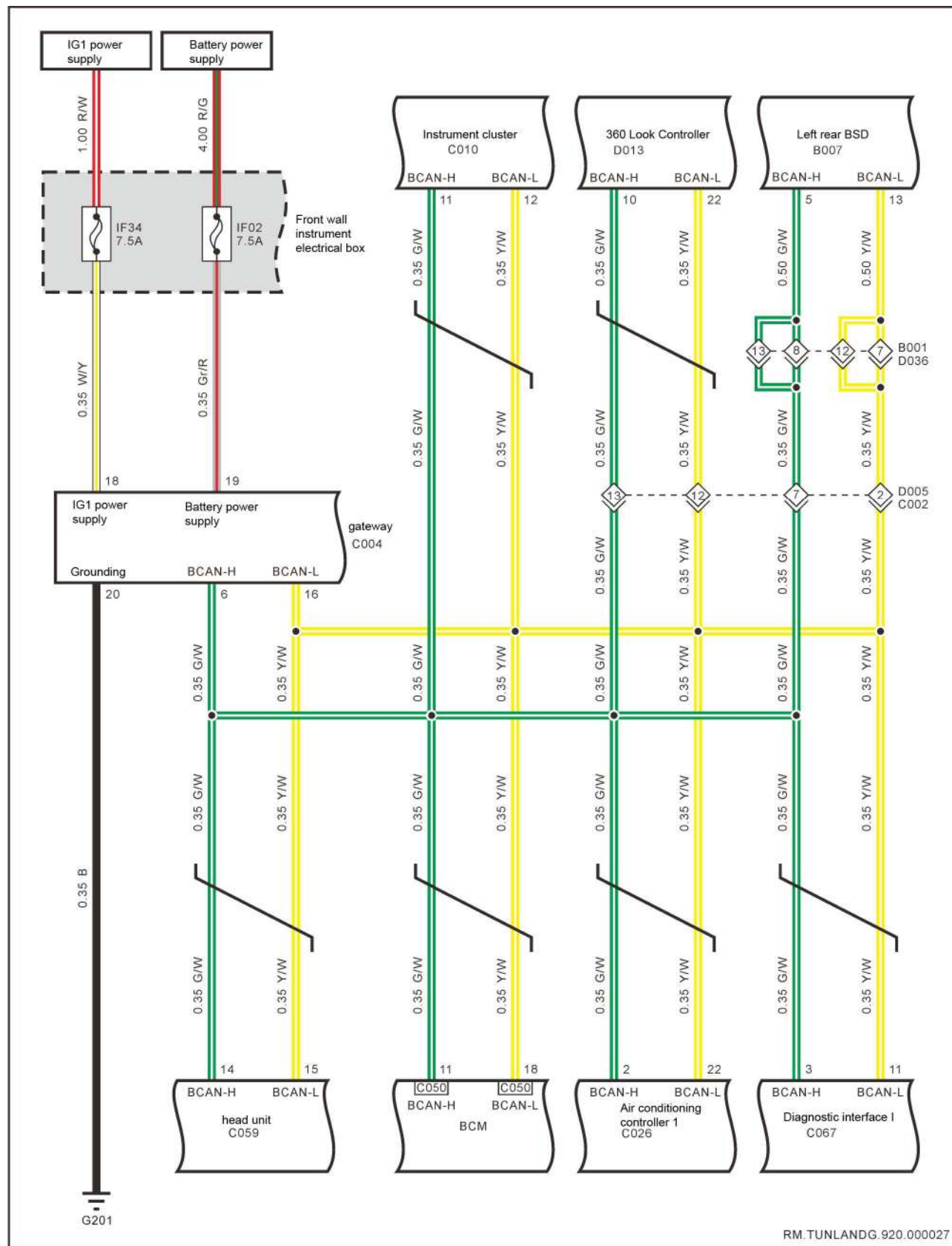
 : earthing

numbering	Earthing point location	numbering	Earthing point location
G202	The inside of the lower shield of the left A-pillar	G203	Instrument beam to the left
G206B	Instrument beam in the middle	G303	On the floor under the passenger seat

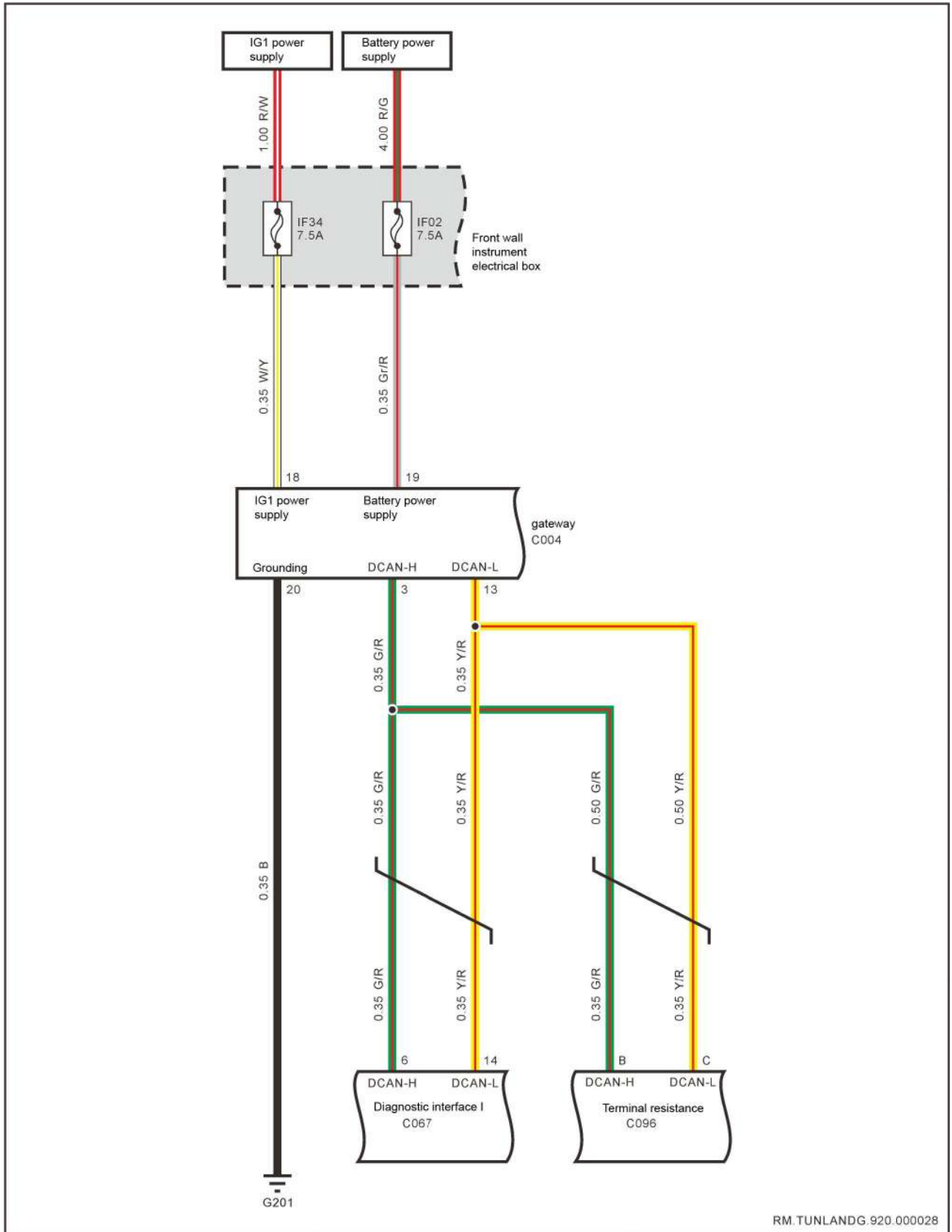
CAN network system

CAN network system1

FL

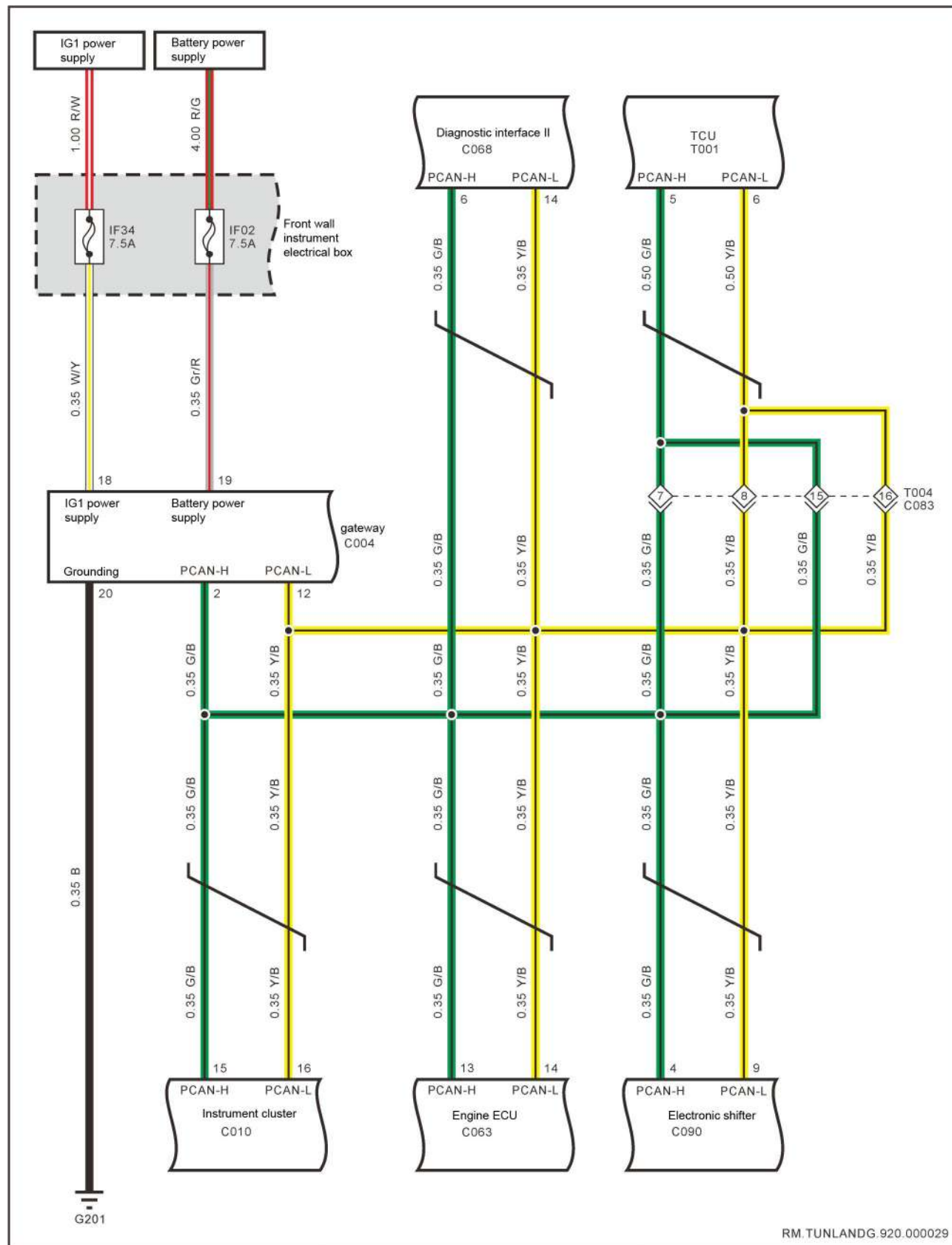


CAN network system2

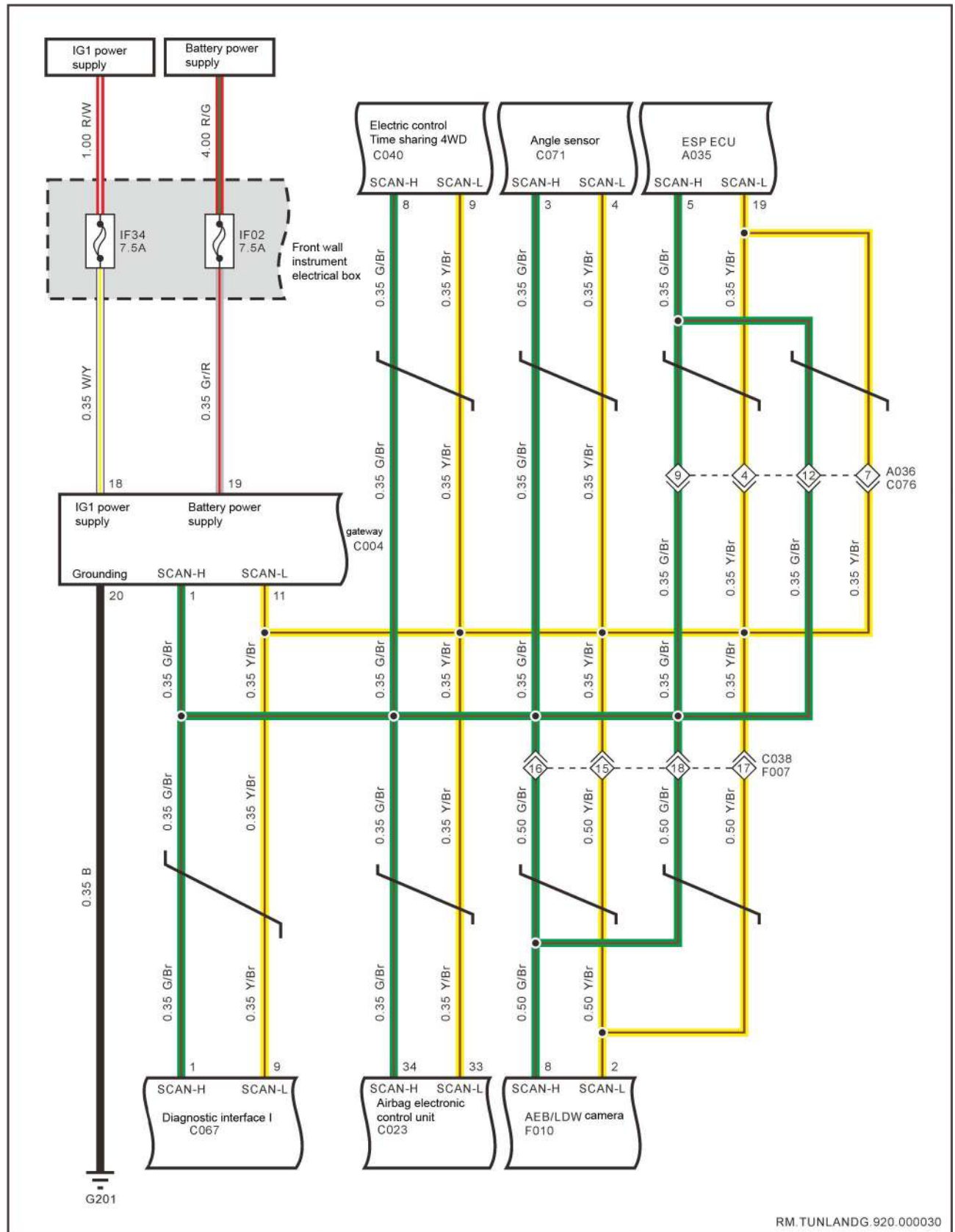


CAN network system3

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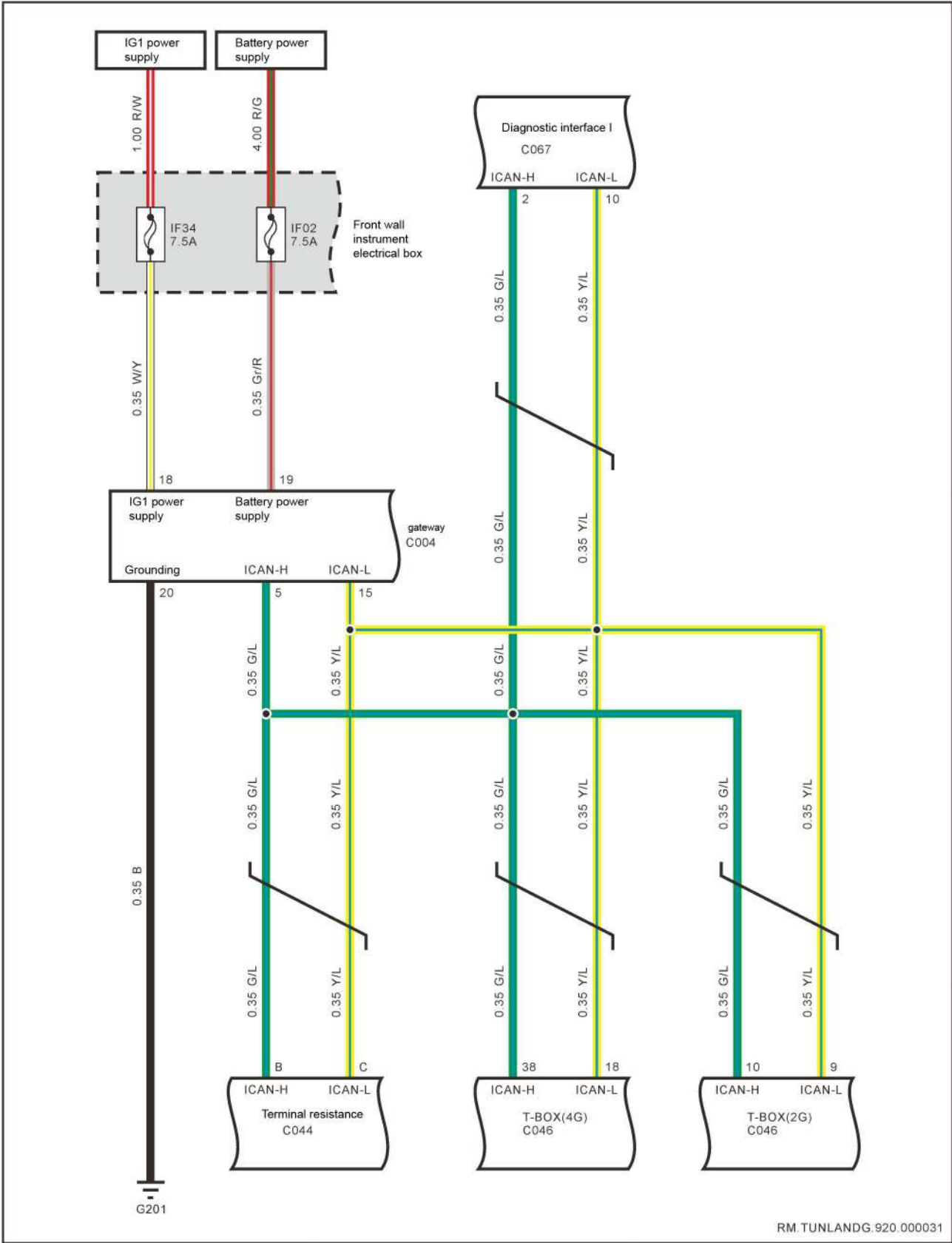
CAN network system4



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CAN network system5

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 : Part location

numbering	Reference harness	numbering	Reference harness
A035	Engine compartment wiring harness	B007	Frame harness
C004	Front meter harness	C010	Front meter harness
C023	Front meter harness	C026	Front meter harness
C040	Front meter harness	C044	Front meter harness
C046	Front meter harness	C050	Front meter harness
C059	Front meter harness	C063	Front meter harness
C067	Front meter harness	C068	Front meter harness
C071	Front meter harness	D013	Floor harnesses
F010	Ceiling harness	C090	Front meter harness
C096	Front meter harness	T001	Automatic transmission wiring harness

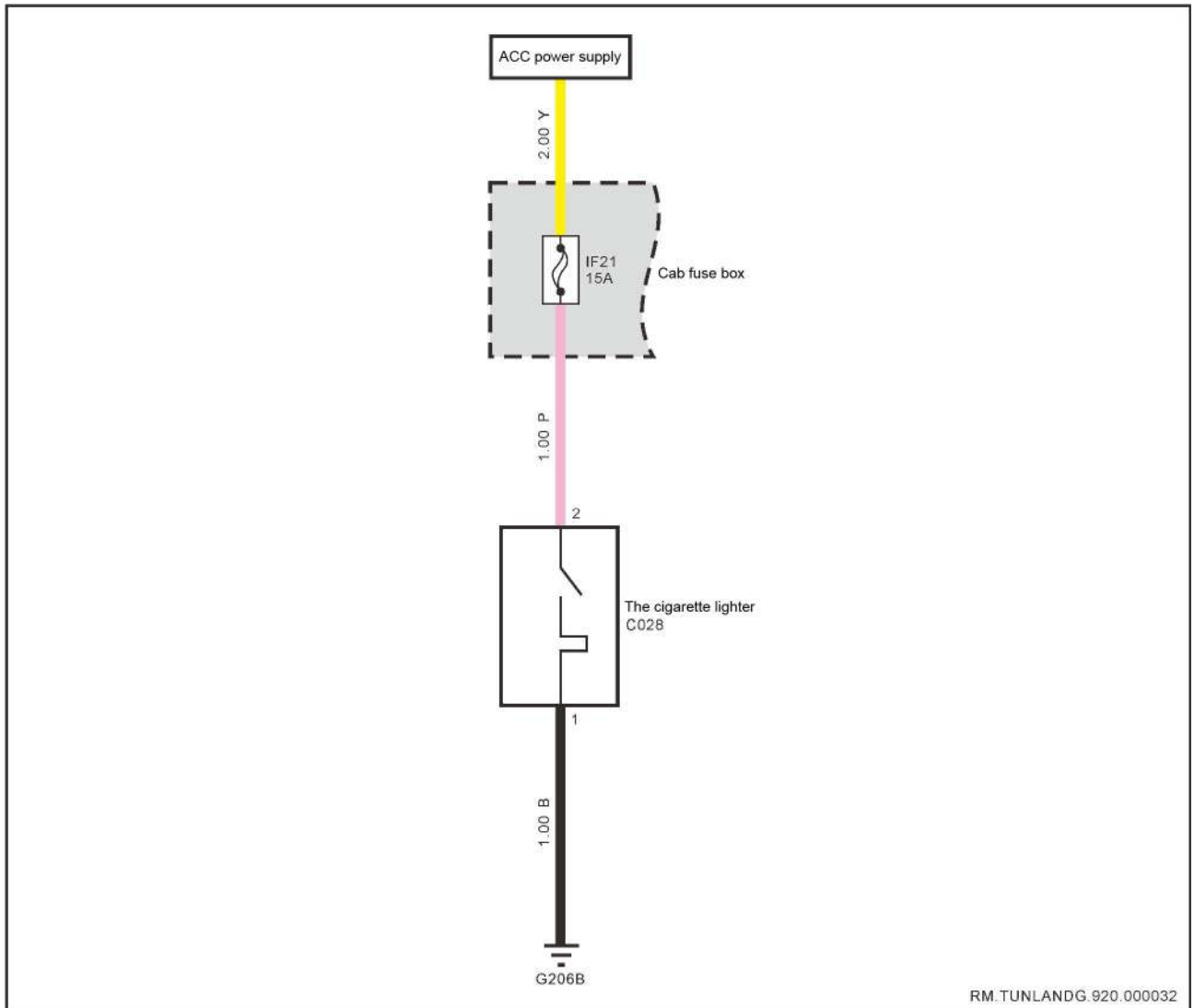
 : Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
A036	C076	Njincompat Ment, Willinghames and Frante Met Hanis(Inside the left side of the dashboard)
B001	D036	Frame harness and floor harnesses(Under the main driver's seat)
D005	C002	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the left A-pillar)
F007	C038	This order Hanes and Frante Met Hannes(Inside the left side of the dashboard)
T004	C083	Ottomati, Term, Mision, Wellinghanis and Frante Mett Hanis(Inside the left side of the dashboard)

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G201	The inside of the lower shield of the left A-pillar	—	—

Cigarette lighter system circuit diagram



System description :

ACCRelays working output ACC power supply through the front peripheral instrument electrical box cigarette lighter fuselF21 to cigarette lighter C028 terminal 2, press the cigarette lighter, current from the cigarette lighter C028 terminal 1 earthing, cigarette lighter into work.

 : Part location

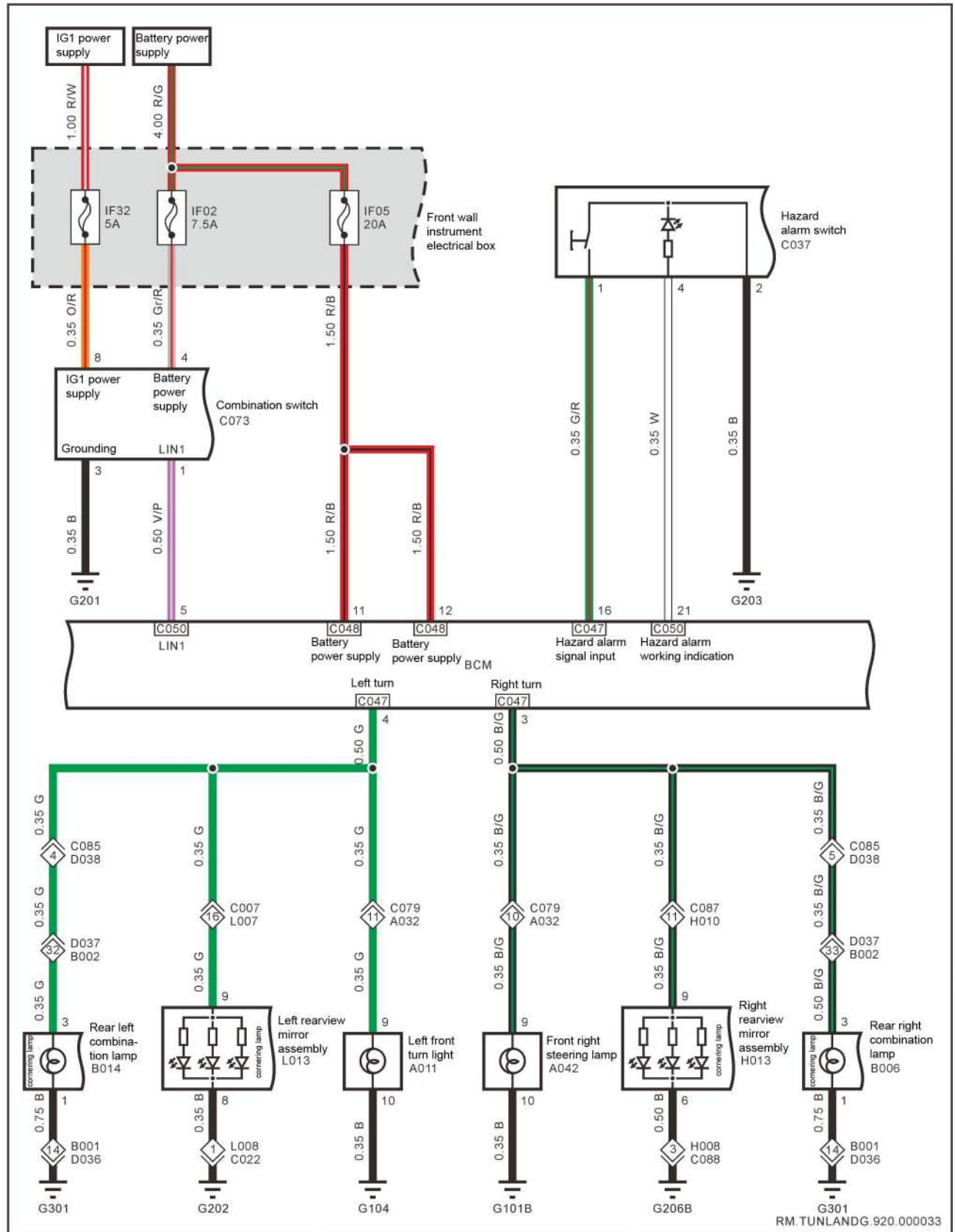
numbering	Reference harness	numbering	Reference harness
C028	Front meter harness	—	—

FL

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G206B	Middle of the dashboard beam	—	—

circuit diagram



System description :**1. Turn signal operating conditions**

The current passes through terminals 11 and 12 of the IF05 fuse to BCMBC048 in the front instrument electrical box to provide turn signal operation power for the BCM.

2. Left turn signal

The combination switch is in the left steering position, and the BCM is given a left steering signal through the LIN line. The current is output from terminal 4 of the BCMAC047 and is divided into three channels :

- a. To the No. 9 terminal of the left front turn signal, earthing is output from the No. 10 terminal of the left front turn signal through the filament, and the left front turn signal works.
- b. To the No. 3 terminal of the left rear combination light, earthing is output from the No. 1 terminal of the left rear combination light through the filament, and the left rear turn signal works.
- c. To terminal 9 of the left mirror assembly, earthing is output from terminal 8 of the left mirror assembly through filament, and the left turn signal of the left mirror assembly works.

3. Right turn signal

The combination switch is in the right-turn position, and the BCM is given a right-turn signal through the LIN line. The current is output from Terminal 3 of the BCMAC047 and is divided into three channels :

- a. To terminal 9 of the right front turn signal, earthing is output from terminal 10 of the right front turn signal through the filament, and the right front turn signal works.
- b. To the No. 3 terminal of the right rear combination lamp, earthing is output from terminal 1 of the right rear combination lamp through the filament, and the right rear turn signal works.
- c. To terminal 9 of the right mirror assembly, earthing is output from terminal 6 of the right mirror assembly through filament, and the right turn signal of the right mirror assembly works.

4. Hazard warning lights

The hazard warning switch is in the ON position, and the current is output from terminal 16 of BCMAC047 to terminal 1 of the hazard alarm switch, and earthing from terminal 2 through the inside of the switch; At the same time, the hazard alarm work indicator starts to work, and the current is output from terminals 3 and 4 of BCMAC049 at the same time :

Output from terminal 3 :

- a. To the No. 9 terminal of the right front turn signal, earthing is output from the No. 10 terminal of the right front turn signal through the filament, and the right front turn signal works.
- b. To the No. 3 terminal of the right rear combination lamp, earthing is output from the No. 1 terminal of the right rear combination lamp through the filament, and the right rear turn signal works.
- c. To the No. 9 terminal of the right mirror assembly, earthing is output from the No. 6 terminal of the right mirror assembly through the filament, and the right turn signal of the right mirror assembly works.

Output from terminal 4 :

- a. To terminal 9 of the left front turn signal, earthing is output from terminal 10 of the left front turn signal through the filament, and the left front turn signal works.

- b. To the No. 3 terminal of the left rear combination lamp, earthing is output from the No. 1 terminal of the left rear combination lamp through the filament, and the left rear turn signal works.
- c. To terminal 9 of the left mirror assembly, earthing is output from terminal 8 of the left mirror assembly through filament, and the left turn signal of the left mirror assembly works.

 : Part location

numbering	Reference harness	numbering	Reference harness
A011	Engine compartment wiring harness	A042	Engine compartment wiring harness
B006	Frame harness	B014	Frame harness
C037	Front meter harness	C047	Front meter harness
C048	Front meter harness	C050	Front meter harness
C073	Front meter harness	H013	Right front door harness
L013	Left front door harness	—	—

 : Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
D008	C085	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the left A-pillar)
B001	D036	Frame harness and floor harnesses(Under the main driver's seat)
B002	D037	Frame harness and floor harnesses(Under the main driver's seat)
L007	C007	Left Fronte Dur Hanis and Frant Met Hanis(The inside of the lower shield of the left A-pillar)
A032	C079	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)

numbering	numbering	Reference harness(Connector location)
H008	C088	Wright Fronte Dulhanis and Fronte Mette Hannes(The inside of the lower shield of the right A-pillar)
H010	C087	Wright Fronte Dulhanis and Fronte Mette Hannes(The inside of the lower shield of the right A-pillar)
L008	C022	Left Fronte Dur Hanis and Frant Met Hanis(The inside of the lower shield of the left A-pillar)

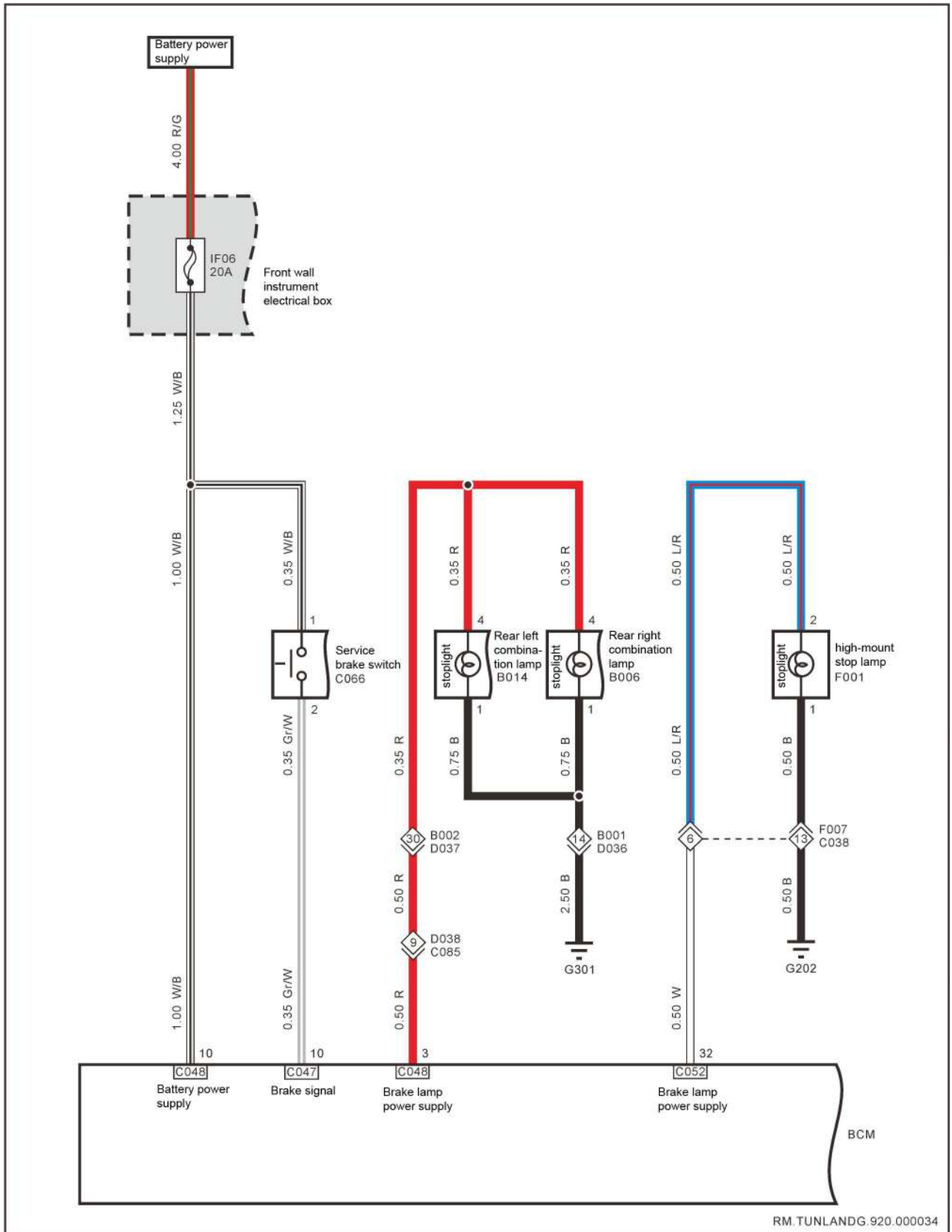
FL



: earthing

numbering	Earthing point location	numbering	Earthing point location
G101B	Right side of the forward cabin	G104	Left side of the forward cabin
G201	The inside of the lower shield of the left A-pillar	G202	The inside of the lower shield of the left A-pillar
G203	Instrument beam to the left	G206B	Instrument beam in the middle
G301	On the floor under the main driver's seat	—	—

Brake light system circuit diagram



System description :

The battery current passes through the front peripheral instrument electrical box fuselF06 to the No. 1 terminal of the service brake light switch and the No. 10 terminal of the BCMBC048, as the brake lamp power supply, when the brake pedal is pressed, the service brake switch is closed and closed, the current is output from the brake switch terminal 2 to the No. 10 terminal of the BCMA connector C047, after BCM receives the brake signal, the power supply is output from the No. 3 terminal of the BCMB connector C048 to the No. 4 terminal of the left rear combination light B014, Terminal 4 of the right rear combination light B006, through the filament, by the No. 1 terminal of the left rear combination lamp and the No. 1 terminal of the right rear combination lamp, earthing, both sides of the brake lights are working.

FL
 : Part location

numbering	Reference harness	numbering	Reference harness
B006	Frame harness	B014	Frame harness
C047	Front meter harness	C048	Front meter harness
C052	Front meter harness	C066	Front meter harness
F001	Ceiling harness	—	—

 : Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
D038	C085	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the right A-pillar)
B001	D036	Frem Hanes and Frante Met Hannes(Under the main driver's seat)
B002	D037	Frame harness and floor harnesses(Under the main driver's seat)
F007	C038	This order Hanes and Frante Met Hannes(Inside the left side of the dashboard)

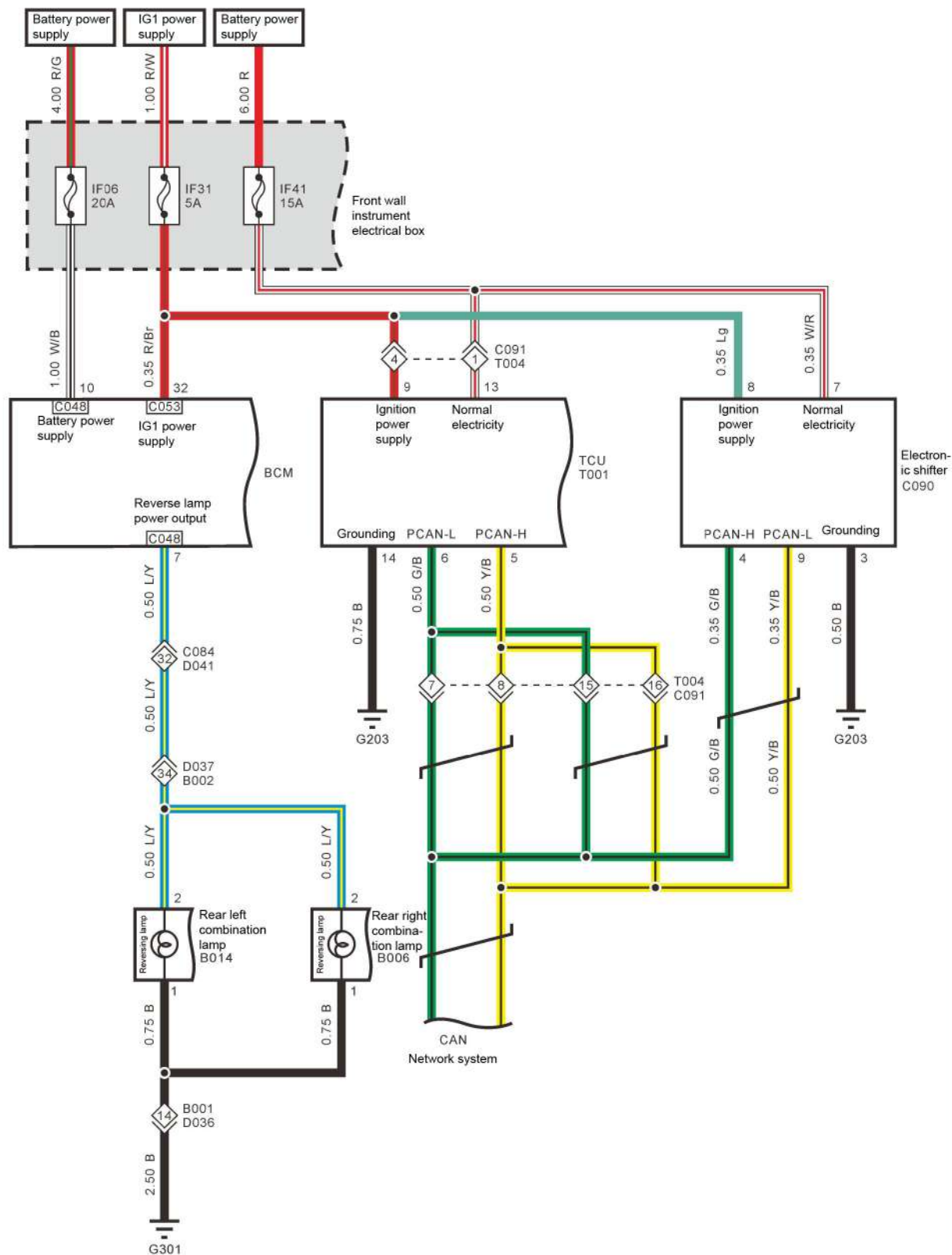
 : earthing

numbering	Earthing point location	numbering	Earthing point location
G202	The inside of the lower shield of the left A-pillar	G301	On the floor under the main driver's seat

Reversing light system

circuit diagram

FL



RM.TUNLANDG.920.000035

System description :

The battery provides power to the reversing lamp through terminal 10 of fuse F06 to BCMB connector C048 in the front instrument box. When the gear switch is placed in the reverse gear, the reverse switch signal PCAN network system is transmitted, at this time, the No. 7 terminal of the BCMB connector C048 outputs the reversing lamp power, divided into two ways: one way to the No. 2 terminal of the left rear combination light B014, through the filament, by the No. 1 terminal earthing of B014, the left rear reversing light works; The other way is sent to the No. 2 terminal of the right rear combination light B006, through the filament, by the No. 1 terminal earthing of B006, and the right rear reversing light works.

 : Part location

FL

numbering	Reference harness	numbering	Reference harness
B006	Frame harness	B014	Frame harness
C048	Front meter harness	C053	Front meter harness
C090	Front meter harness	T001	Automatic transmission wiring harness

 : Connectors between the harness and the harness

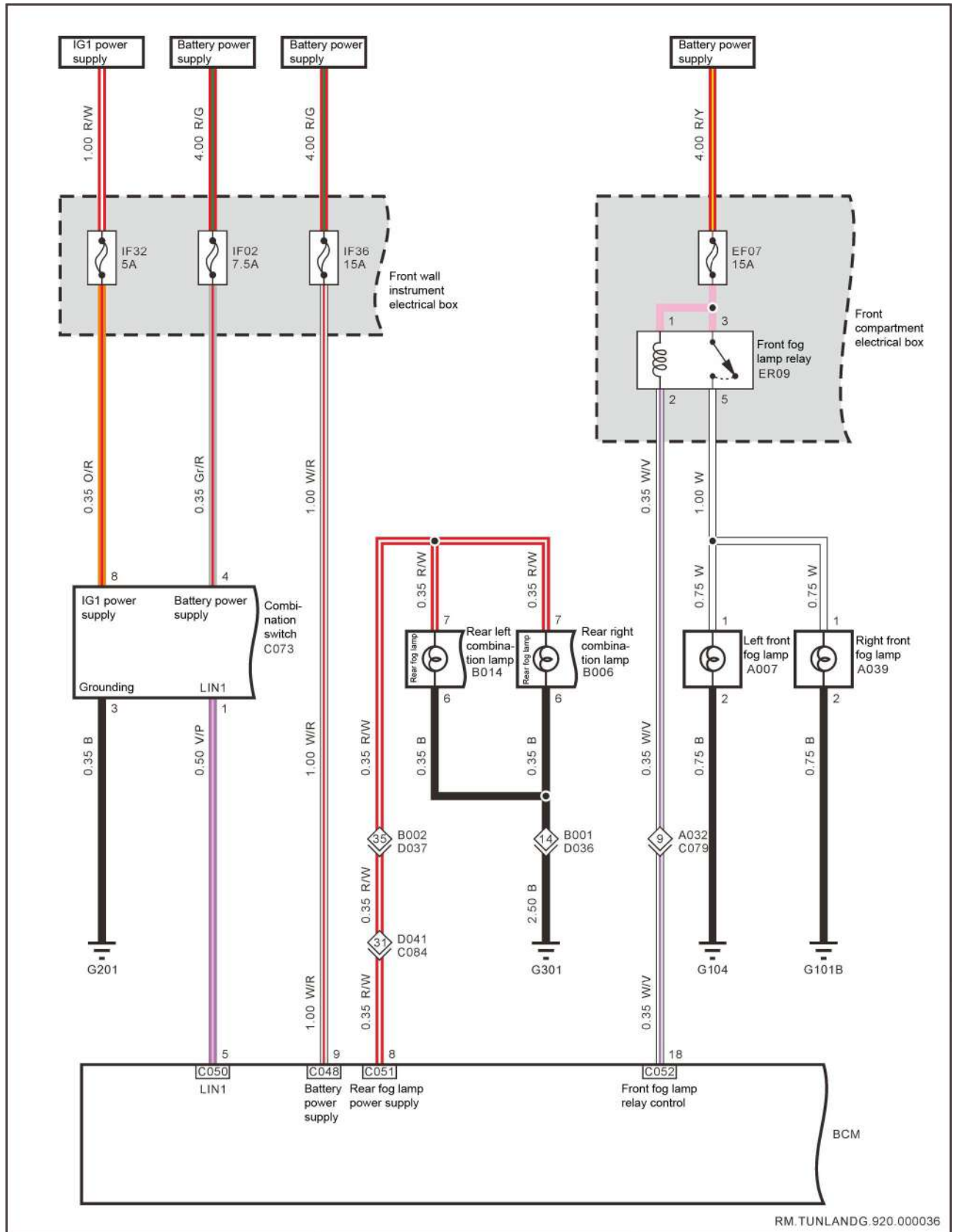
numbering	numbering	Reference harness(Connector location)
D041	C084	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the left A-pillar)
B001	D036	Frame harness and floor harnesses(Under the main driver's seat)
B002	D037	Frame harness and floor harnesses(Under the main driver's seat)
T004	C091	Ottomati, Term, Mision, Wellinghanis and Frante Mett Hanis(Inside the left side of the dashboard)

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G203	Instrument beam to the left	G301	On the floor under the main driver's seat

Fog lamp system

circuit diagram



FL

System description :**1. Front fog light control**

Working conditions: small lights must be turned on.

The battery current passes through terminals 1 and 3 of Front fog lights fuse EF07 to Front fog lamp relay ER09 in the front cabin electrical box, when the front low beam or small light is working, the light switch is placed in the front fog lamp on position, the current is output through the No. 3 terminal of the combination switch earthing, BCM receives the front fog lamp on signal, BCM controls Front fog lamp relay ER09 contact closure, The current passes through Relays to Terminal 1 of the left front fog lamp A007 and Terminal 1 of the right front fog lamp A039, and through the filament, respectively, by the two front fog lamp Terminal 2 earthing, the left and right front fog lamps are lit.

2. Rear fog light control

Working conditions: small lights and front fog lights must be turned on.

The battery current passes through the front peripheral instrument electrical box fuse IF36 to BCM B connector C048 terminal 9, to provide power for the rear fog lamp, when the front low beam or small light is working, when the light switch is in the rear fog lamp open position, the current outputs earthing through the No. 3 terminal of the combination switch, BCM receives the rear fog lamp on signal, the No. 8 terminal of BCM CC051 outputs power to terminal 7 of the left rear combination lamp B014 and terminal 7 of the right rear combination lamp B006, through the filament, Earthing is output from Terminal 6 of the left rear combination light and Terminal 6 of the right rear combination light respectively, and the left and right rear fog lights are lit.

 : Part location

numbering	Reference harness	numbering	Reference harness
A007	Engine compartment wiring harness	A039	Engine compartment wiring harness
B006	Frame harness	B014	Frame harness
C048	Front meter harness	C050	Front meter harness
C051	Front meter harness	C052	Front meter harness
C073	Front meter harness	—	—

 : Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
A032	C079	Njincompat Ment, Willinghames and Frante Met Hanis(Inside the left side of the dashboard)

numbering	numbering	Reference harness(Connector location)
D041	C084	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the left A-pillar)
B001	D036	Frame harness and floor harnesses(Under the main driver's seat)
B003	D037	Frame harness and floor harnesses(Under the main driver's seat)

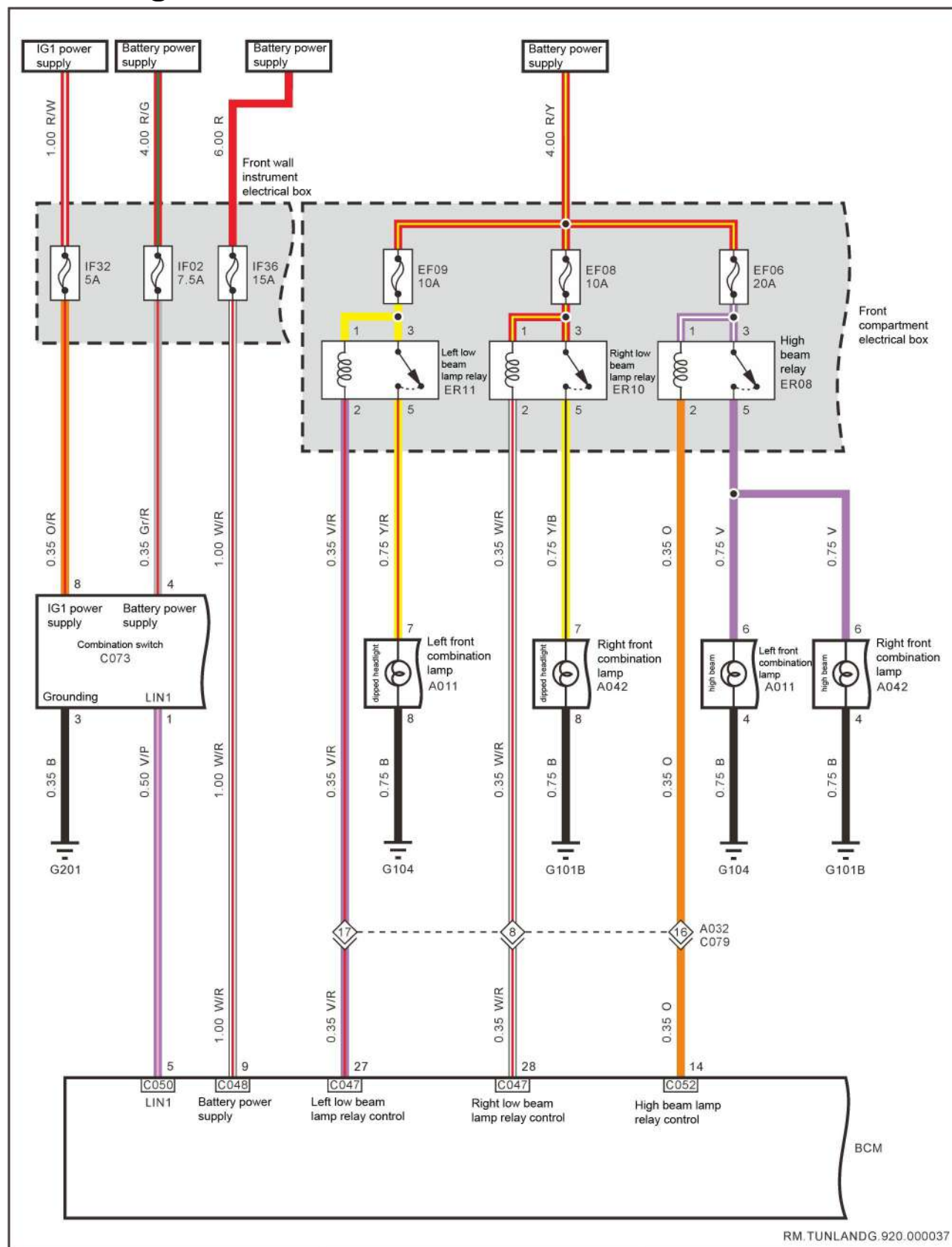
FL

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G101B	Right side of the forward cabin	G104	Left side of the forward cabin
G201	The inside of the lower shield of the left A-pillar	G301	On the floor under the main driver's seat

Headlamp system

circuit diagram



System description :**1. Left dipped beam control**

The battery current is supplied to terminals 1 and 3 of the Left low beam relayER11 through the fuseEF09 in the front cabin electrical box, and the current is passed through the Relays coil to terminal 27 of the BCMAC047. When the combination switch is in the low beam position, the BCM signal is given through the LIN line, the BCM is internally conducted, the low beam Relays coil is turned on to generate a magnetic field, the Relays contact is closed, the current is from Relays terminal 5 to terminal 7 of the left front combination lamp, the current passes through the filament, to the 8 terminal of the front combination lamp earthing.

2. Right dipped beam control

The battery current is supplied to terminals 1 and 3 of the Right dipped beam relayER10 through the fuseEF08 in the front cabin electrical box, and the current is passed through the Relays coil to terminal 28 of the BCMAC047. When the combination switch is in the low beam position, the BCM signal is given through the LIN line, the BCM is internally conducted, the low beam Relays coil is turned on to generate a magnetic field, the Relays contact is closed, the current is from Relays terminal 5 to terminal 7 of the right front combination lamp, the current passes through the filament, to the 8th terminal of the right front combination lamp earthing.

3. High beam control

The battery current supplies terminals 1 and 3 of the high beam RelaysER08 through the fuseEF06 in the front cabin electrical box, and the current passes through the Relays coil to terminal 14 of the BCMEC052. When the combination switch is in the high beam position, the BCM signal is given through the LIN line, the BCM is internally conducted, the high beam Relays coil is turned on to generate a magnetic field, the Relays contact is closed, the current is from Relays terminal 5 to terminal 6 of the left front combination lamp and terminal 6 of the right front combination lamp, the current passes through the filament, to the No. 4 terminal of the left front combination lamp and the No. 4 terminal of the right front combination lamp earthing.

 : Part location

numbering	Reference harness	numbering	Reference harness
A011	Engine compartment wiring harness	A042	Engine compartment wiring harness
C047	Front meter harness	C048	Front meter harness
C050	Front meter harness	C052	Front meter harness
C073	Front meter harness	—	—

 : Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
A032	C079	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G101B	Right side of the forward cabin	G201	The inside of the lower shield of the left A-pillar
G104	Left side of the forward cabin	—	—

FL



System description :

The battery current passes through terminals 1 and 5 of the electric horn fuse EF04 to Horn relays ER06 in the front cabin electrical box, through the Relays coil, respectively to terminal 8 of BCM EC052 and terminal 7 of the clock spring C072, when the horn switch is pressed, through the switch earthing, the Horn relays coil is energized to generate a magnetic field, the Relays contact is closed, and the current passes through the Horn The relays contact to the No. 1 terminal of the subwoofer, the No. 2 terminal of the subwoofer outputs earthing, and the subwoofer works.

 : Part location

FL

numbering	Reference harness	numbering	Reference harness
A026	Engine compartment wiring harness	A028	Engine compartment wiring harness
C052	Front meter harness	C072	Front meter harness

 : Connectors between the harness and the harness

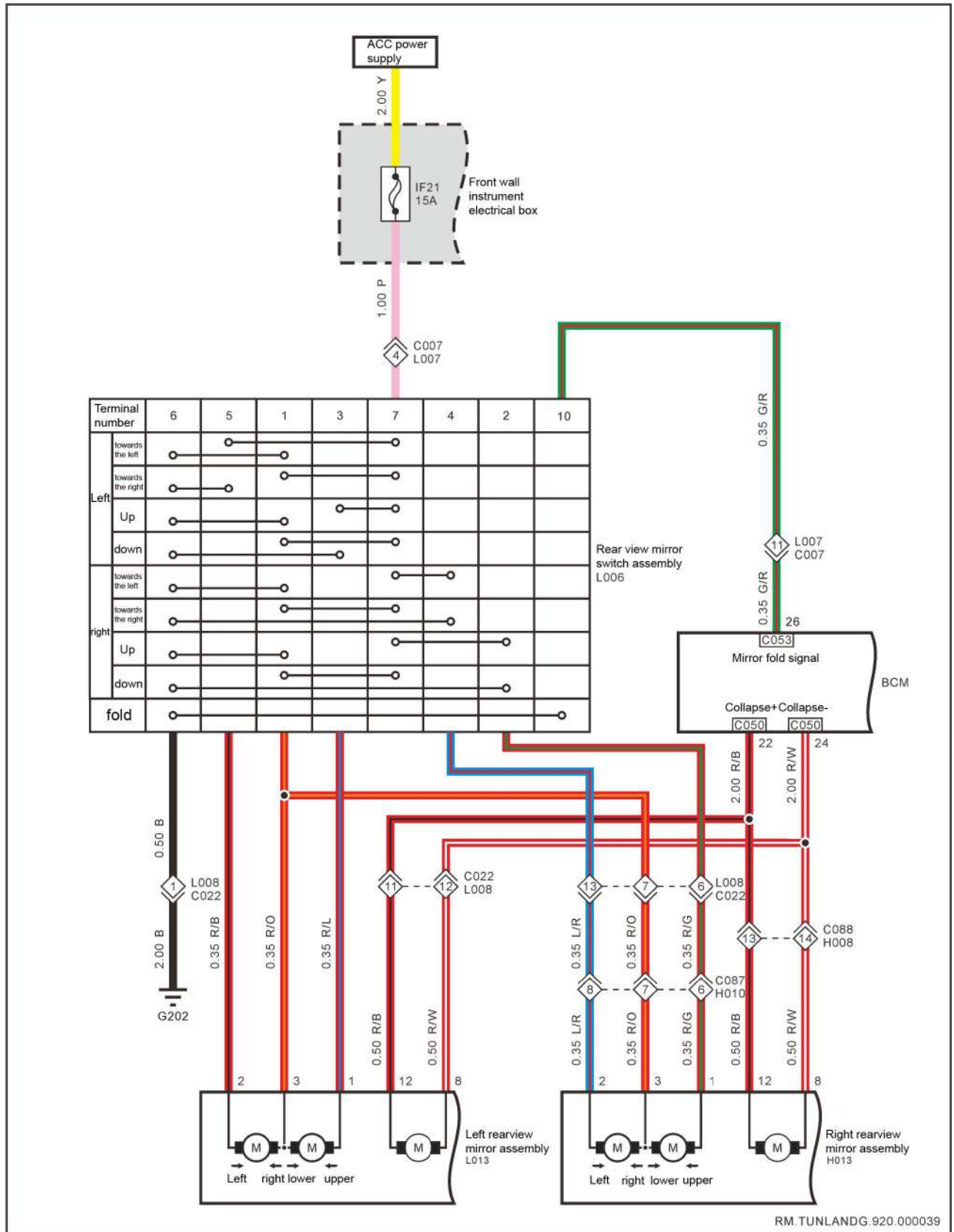
numbering	numbering	Reference harness(Connector location)
A032	C079	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G104	Left side of the forward cabin	G201	The inside of the lower shield of the left A-pillar

Power mirror system

circuit diagram



System description :

The one-button start switch is in the ACC/ON position, and the current passes through the power rearview mirror fuse F20 in the front instrument electrical box to terminal 7 of the power mirror switch to provide power.

1. The left mirror is adjusted up and down

Terminal 7 of the electric mirror switch, to the output of terminal 3 of the power mirror switch, to the No. 1 terminal of the left mirror assembly, through the motor, from the output of terminal 3 of the left mirror assembly, to the No. 1 terminal of the electric mirror switch, through the 6th terminal of the power mirror switch, the left mirror is adjusted upward.

Terminal 7 of the power mirror switch, to the output of terminal 1 of the power mirror switch, to the 3rd terminal of the left mirror assembly, through the motor, from the output of terminal 1 of the left mirror assembly, to the 3rd terminal of the power mirror switch, through the 6th terminal of the power mirror switch, the left mirror is adjusted downward.

2. The right mirror is adjusted up and down

Terminal 7 of the power mirror switch, to the output of terminal 2 of the power mirror switch, to the No. 1 terminal of the right mirror assembly, through the motor, from the third terminal of the right mirror assembly, to the No. 1 terminal of the power mirror switch, through the power mirror switch terminal 6 earthing, the right mirror is adjusted upward.

Terminal 7 of the power mirror switch, to the output of terminal 1 of the power mirror switch, to terminal 3 of the right mirror assembly, through the motor, from the output of terminal 1 of the right mirror assembly, to terminal 2 of the power mirror switch, through terminal 6 earthing of the power mirror switch, the right mirror is adjusted downward.

3. The left mirror is adjusted left and right

Terminal 7 of the power mirror switch, to the output of terminal 5 of the power mirror switch, to the 2nd terminal of the left mirror assembly, through the motor, from the output of terminal 3 of the left mirror assembly, to the 5th terminal of the power mirror switch, through the 6th terminal of the power mirror switch, the left mirror is adjusted to the left.

Terminal 7 of the power mirror switch, to the output of terminal 1 of the power mirror switch, to the 3rd terminal of the left mirror assembly, through the motor, from the 2nd terminal of the left mirror assembly, to the 5th terminal of the power mirror switch, through the 6th terminal of the power mirror switch, the left mirror is adjusted to the right.

4. The right mirror is adjusted left and right

Terminal 7 of the power mirror switch, to the output of terminal 4 of the power mirror switch, to the 2nd terminal of the right mirror assembly, through the motor, from the third terminal of the right mirror assembly, to the No. 1 terminal of the power mirror switch, through the power mirror switch terminal 6 earthing, the right mirror is adjusted to the left.

Terminal 7 of the power mirror switch, to the output of terminal 1 of the power mirror switch, to the 3rd terminal of the right mirror assembly, through the motor, from the second terminal of the right mirror assembly, to the 4th terminal of the electric mirror switch, through the power mirror switch terminal 6 earthing, the right mirror is adjusted to the right.

 : Part location

numbering	Reference harness	numbering	Reference harness
L006	Left front door harness	C050	Front meter harness
C053	Front meter harness	H003	Right front door harness
L013	Left front door harness	—	—

 : Connectors between the harness and the harness

FL

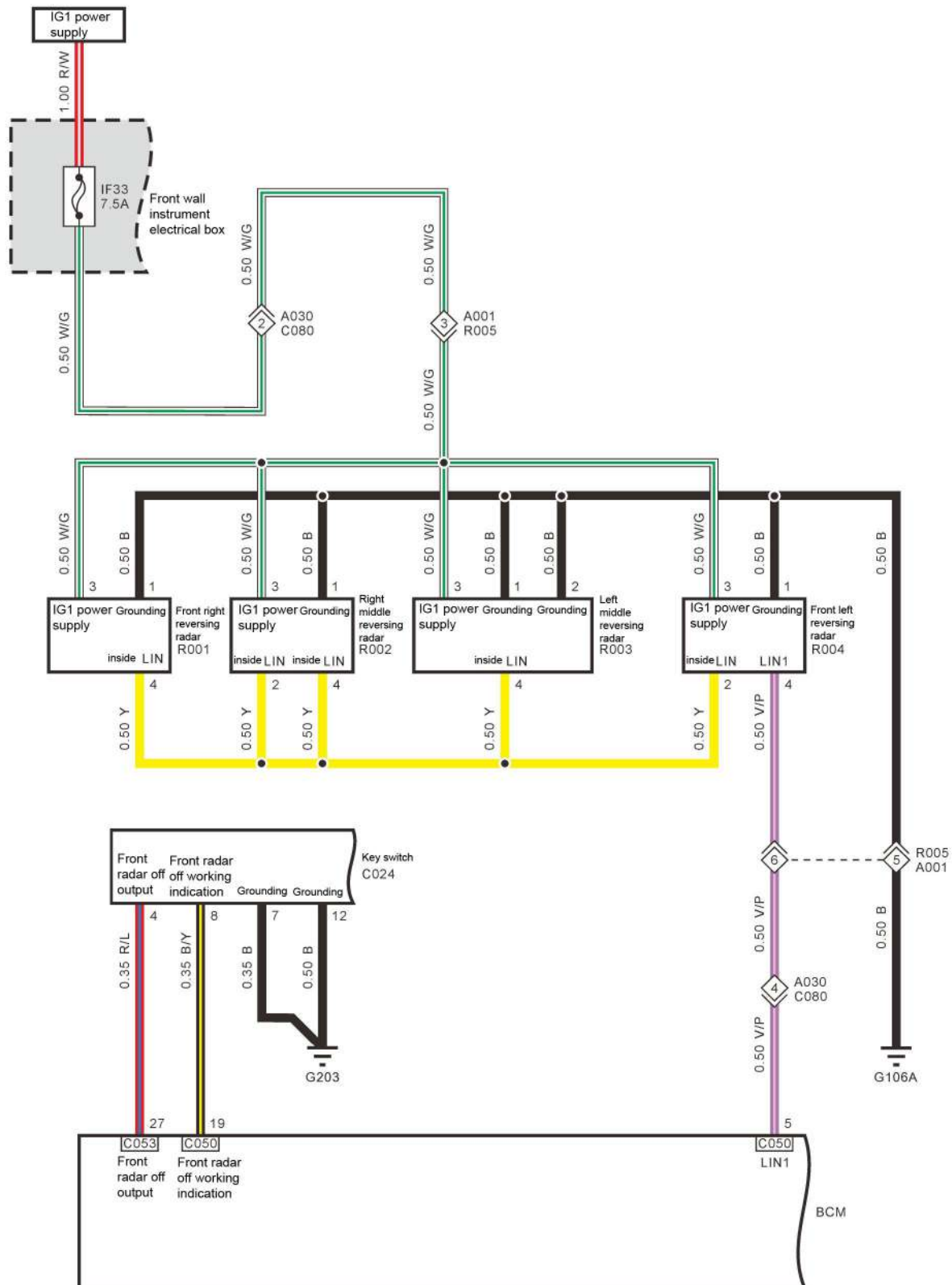
numbering	numbering	Reference harness(Connector location)
L007	C007	Left Fronte Dur Hanis and Frant Met Hanis(The inside of the lower shield of the left A-pillar)
L008	C022	Left Fronte Dur Hanis and Frant Met Hanis(The inside of the lower shield of the left A-pillar)
H010	C087	Wright Fronte Dulhanis and Fronte Mette Hannes(The inside of the lower shield of the right A-pillar)
H008	C088	Wright Fronte Dulhanis and Fronte Mette Hannes(The inside of the lower shield of the right A-pillar)

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G202	The inside of the lower shield of the left A-pillar	—	—

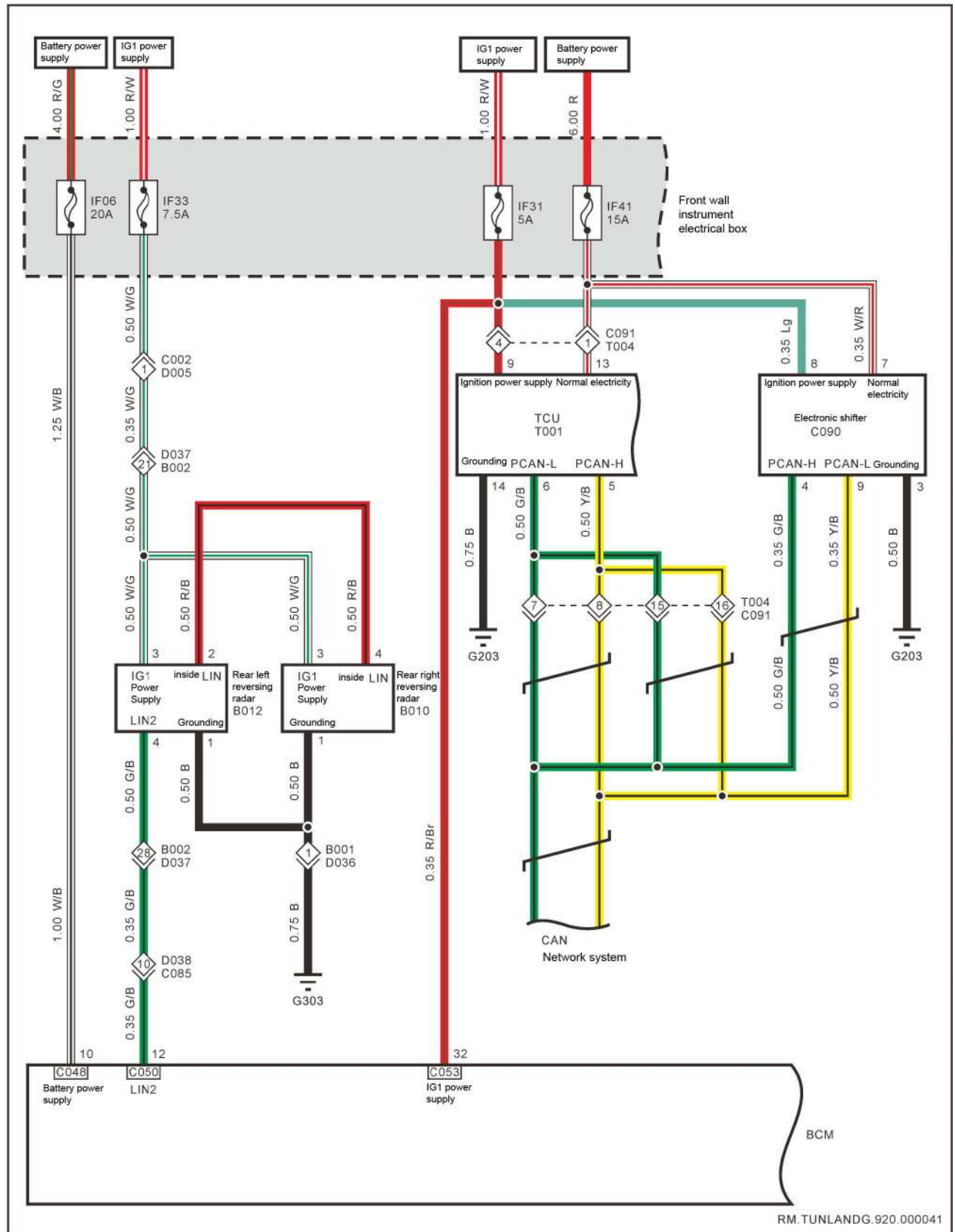
Reversing radar system1

FL



RM.TUNLANDG.920.000040

FL



System description :

When IG1Relays is operating, the current passes through fuselF33 in the front instrument electrical box, which provides power to the No. 3 terminals of the left front reversing radar, right front reversing radar, left center reversing radar, and right center reversing radar, respectively. When the gear switch is in the reverse gear, the reversing light switch earthing is turned on, and the BCM reversing signal is given through the PCAN network system, and the signal is output through the BCM and divided into two ways :

1. Front reversing radar description

The signal is output from the No. 5 terminal of the BCMDC050, and the signal is provided to the front reversing radar probe through the LIN line, and the reversing radar probe earthing, the probe starts working. Detect the presence of obstacles. If there is an obstacle, it is transmitted through the LIN line and an alarm signal is issued.

2. Rear reversing radar description

The signal is output from the 12th terminal of BCMDC050, and the signal is provided to the front reversing radar probe through the LIN line, and the reversing radar probe earthing, the probe starts working. Detect the presence of obstacles. If there is an obstacle, it is transmitted through the LIN line and an alarm signal is issued.

 : Part location

numbering	Reference harness	numbering	Reference harness
R001	Front bumper harness	R002	Front bumper harness
R003	Front bumper harness	R004	Front bumper harness
C024	Front meter harness	C048	Front meter harness
C050	Front meter harness	C053	Front meter harness
B010	Frame harness	B012	Frame harness
C090	Front meter harness	T001	Automatic transmission wiring harness

 : Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
A001	R005	Fronmet Hanis and Frandbonpo Hannes(Left fog light to the right)
A030	C080	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)

numbering	numbering	Reference harness(Connector location)
B001	D036	Frame harness and floor harnesses(Under the main driver's seat)
B002	D037	Frame harness and floor harnesses(Under the main driver's seat)
D005	C002	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the left A-pillar)
D038	C085	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the right A-pillar)
T004	C091	Ottomati, Term, Mision, Wellinghanis and Frante Mett Hanis(Inside the left side of the dashboard)

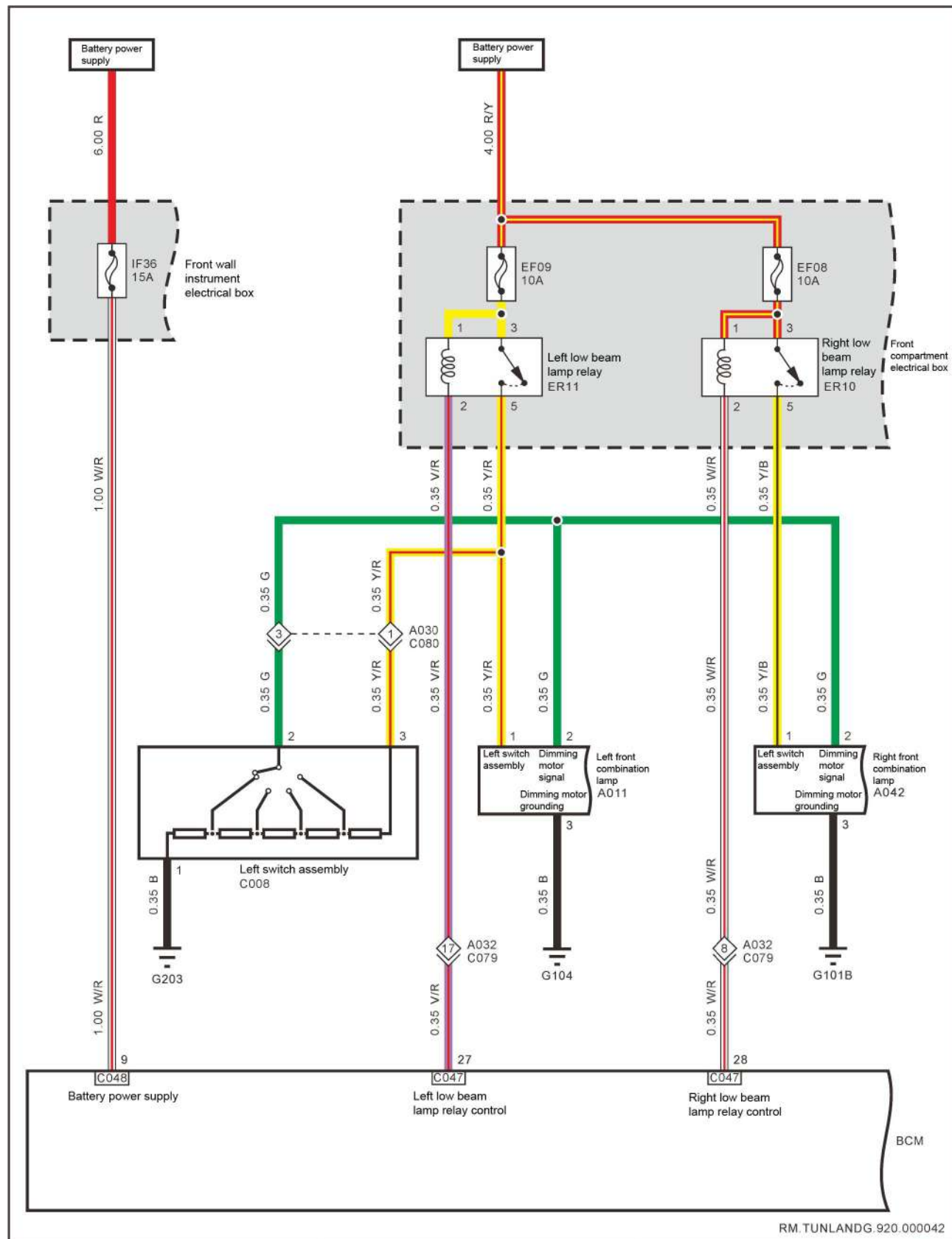
FL

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G106A	Left side of the forward cabin	G203	Instrument beam to the left
G303	On the floor under the passenger seat	—	—

The headlamp is adjusted horizontally

circuit diagram



System description :

Working conditions: low beam switch closed.

When the front low beam lamp is in working condition, the battery current is supplied to terminals 1 and 3 of the left low beam RelaysER11 and right low beam Relays through the front cabin electrical box fuseEF09 and EF08 to provide power to the left low beam Relays 11 and the right low beam Relays. Terminal 5 of the RelaysER11 supplies power to Terminal 1 of the left front combination lamp and Terminal 3 of the left switch assembly. Adjust the left switch assembly from terminal 2 to terminal 2 of the left front combination lamp and terminal 2 of the right front combination lamp. Provides a conditioning signal for the headlight dimming motor.

 : Part location

FL

numbering	Reference harness	numbering	Reference harness
A011	Engine compartment wiring harness	A042	Engine compartment wiring harness
C008	Front meter harness	C047	Front meter harness
C048	Front meter harness	—	—

 : Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
A030	C080	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)
A032	C079	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)

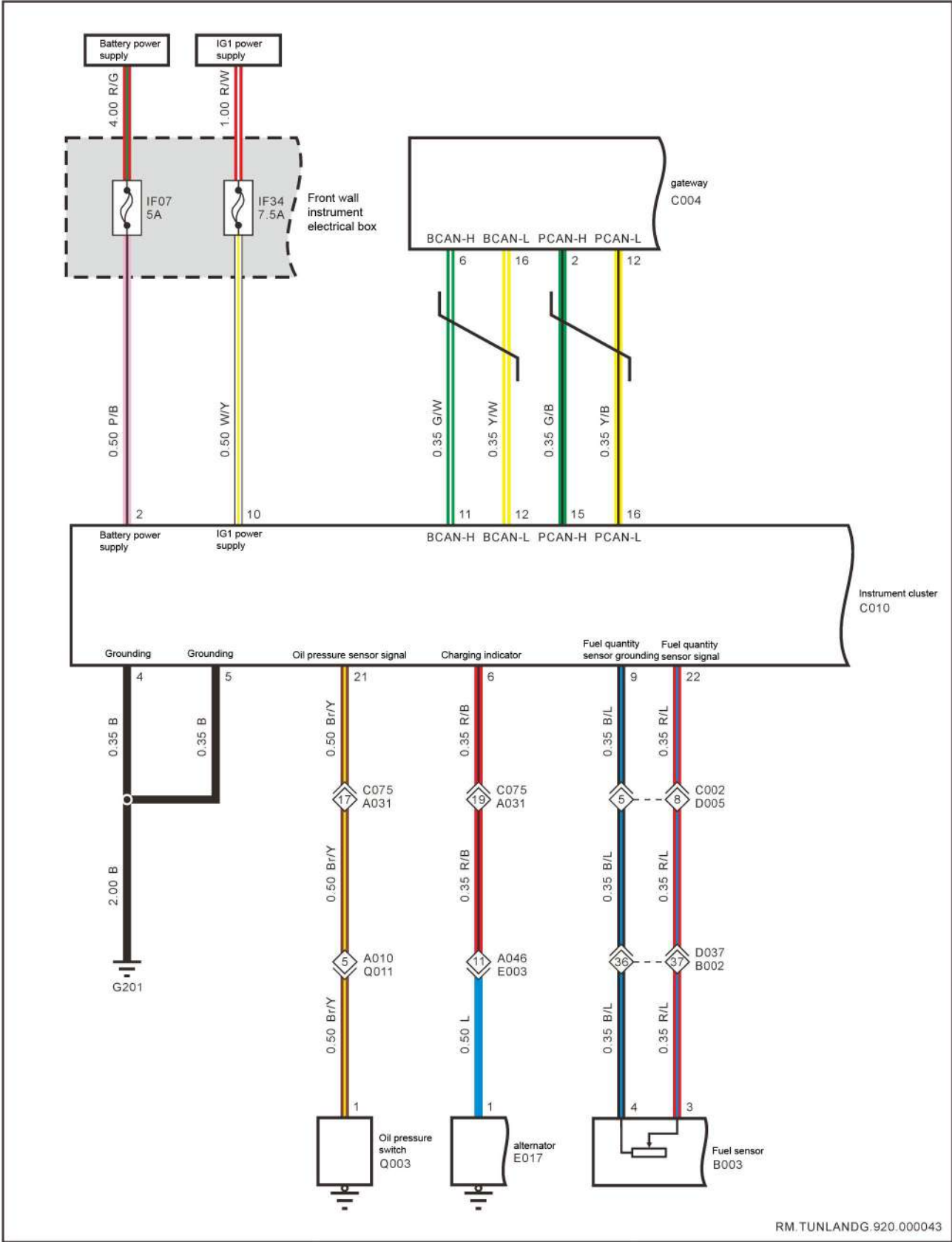
 : earthing

numbering	Earthing point location	numbering	Earthing point location
G101B	Right side of the forward cabin	G104	Left side of the forward cabin
G203	Instrument beam to the left	—	—

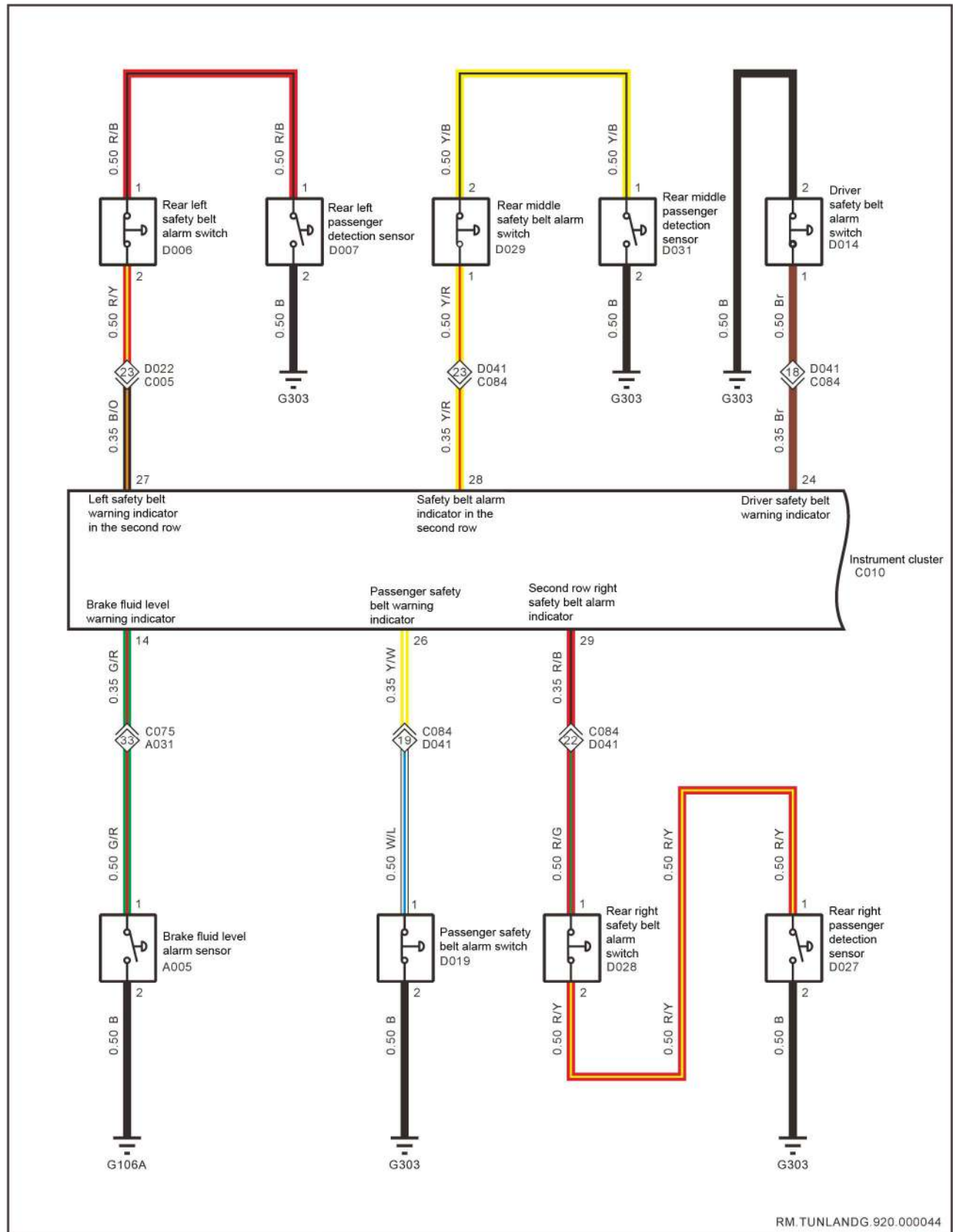
Instrumentation system

Instrumentation system1

FL



Instrumentation system2



System description :**1. Meter power supply**

- a. The battery current is from the instrument fuse F07 in the front instrument electrical box to the No. 2 terminal of the combination instrument C010, which provides battery power for the combination instrument.
- b. The one-button start switch is in the ON/ST position, and the current passes through fuse F34 in the front instrument electrical box to terminal 10 of the combination instrument C010 to provide IG1 power.

2. Charging indicator**FL**

The current is output from the No. 1 terminal of the generator E017 to the No. 6 terminal of the combination instrument C010 to detect whether the generator is in normal working condition. If the generator is in normal working condition, the charging indicator is off.

3. Brake fluid level alarm light

The current is output from terminal 14 of the combination instrument C010 to terminal 1 of liquid level alarm A018, and earthing is output through terminal 2 of the sensor, the brake fluid level is low, and the brake fluid level alarm light works.

4. Low fuel level indicator

The low fuel level alarm signal is output from terminal 3 of the fuel sensor B003 to terminal 22 of the combination instrument C010, and terminal 4 of the fuel level sensor B003 is connected to the 9th terminal of the combination instrument C010 to detect the fuel level.

5. Oil pressure alarm light

The current is output from the No. 21 terminal of the combination instrument C010 to the No. 1 terminal of the oil pressure switch Q003, through the sensor itself, the oil pressure is low, and the oil pressure alarm light works.

6. Main driver seat belt indicator

The current is output from terminal 24 of the combination instrument C010, to terminal 1 of the seat belt alarm switch D014, through terminal 2 earthing of the switch, when the driver is not wearing the seat belt, the switch is on, and the seat belt indicator works.

7. Occupant seat belt indicator

The current is output from terminal 26 of the combination instrument C010, to terminal 1 of the co-pilot seat belt alarm switch D019, through the No. 2 terminal earthing of the switch, when the co-driver occupant is not fastened with the seat belt, the switch is on, and the co-driver's seat belt indicator works.

 : Part location

numbering	Reference harness	numbering	Reference harness
A005	Engine compartment wiring harness	B003	Frame harness
C004	Front meter harness	C010	Front meter harness
D007	Floor harnesses	D006	Floor harnesses
D019	Floor harnesses	D014	Floor harnesses
D028	Floor harnesses	D027	Floor harnesses
D031	Floor harnesses	D029	Floor harnesses
Q003	Battery harness	E017	Engine wiring harness

 : Connectors between the harness and the harness

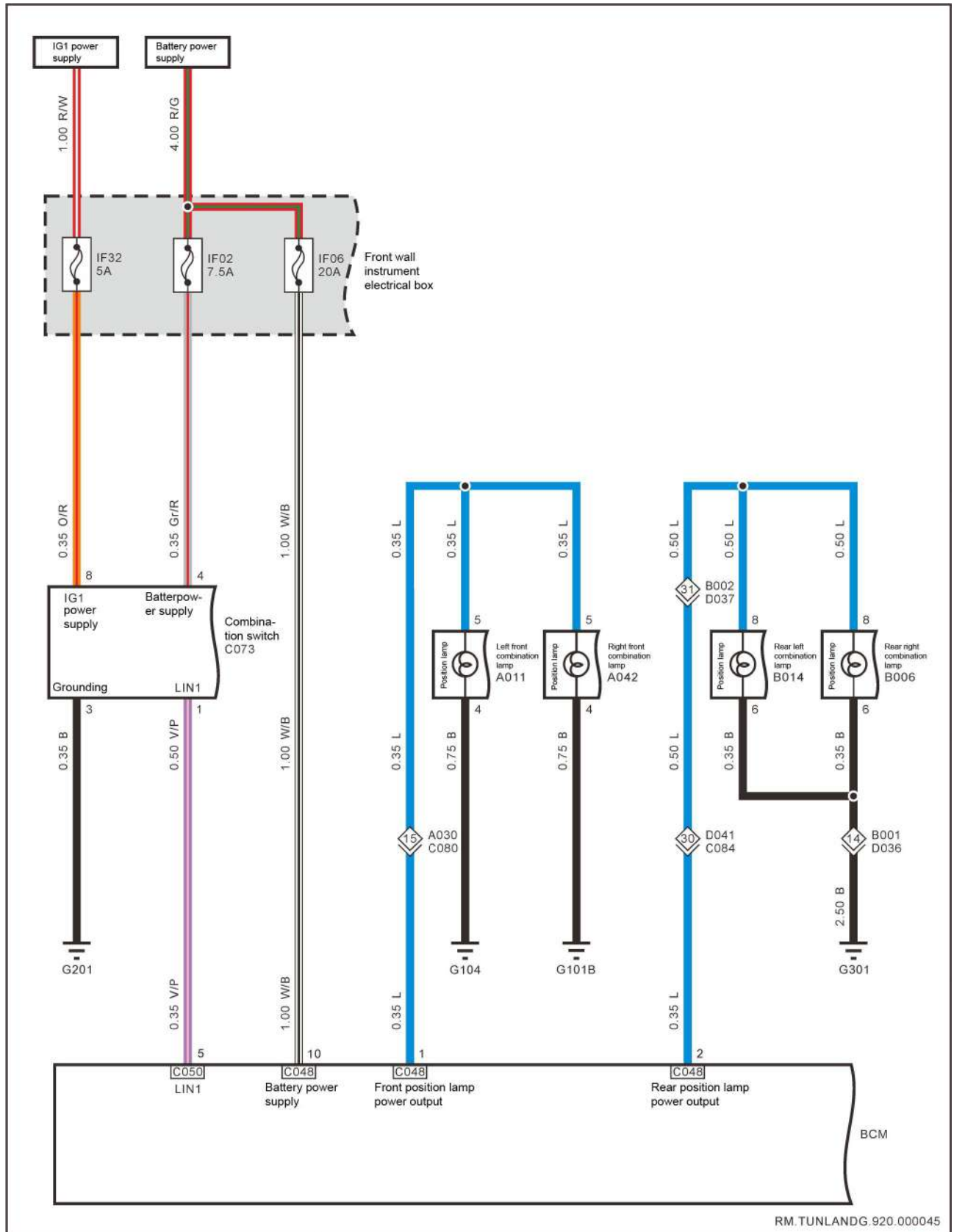
numbering	numbering	Reference harness(Connector location)
A031	C075	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)
D005	C002	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the left A-pillar)
D022	C005	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the left A-pillar)
D041	C084	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the left A-pillar)
E003	A046	Nkim Welling Hanes and Njin Konpat Ment, Willing Hanes(Near the ESP control unit on the right side of the engine compartment)
B022	D037	Frame harness and floor harnesses(Under the main driver's seat)

numbering	numbering	Reference harness(Connector location)
Q011	A010	Bartelihanis and Njinkanpat Ment, Willinghamis(Inside the front cabin electrical box)

 : earthing

FL	numbering	Earthing point location	numbering	Earthing point location
	G106A	Left side of the forward cabin	G201	The inside of the lower shield of the left A-pillar
	G303	On the floor under the passenger seat	—	—

Small light system circuit diagram



System description :

The battery current is supplied to the position lamp fuselF06 in the front instrument electrical box to terminal 10 of the BCMB connector C048. When the combination switch is placed in the low beam position or small lamp position, the switch signal is sent to the No. 5 terminal of the BCMD connector C050 through the LIN line, and the power supply is output all the way through the No. 1 terminal of the BCMB connector C048 to the No. 5 terminal of the left front combination lamp A011 and the No. 5 terminal of the right front combination lamp A042; The other way outputs power through the No. 2 terminal of the BCMB connector C048 to the No. 8 terminal of the left rear combination lamp B014 and the No. 8 terminal of the right rear combination lamp B006. The current passes through the filament to the No. 4 terminal of the left front combination lamp, the No. 4 terminal of the right front combination lamp, the No. 6 terminal of the left rear combination lamp, and the No. 6 terminal earthing of the right rear combination lamp, and the corresponding side small lamp works.

FL**: Part location**

numbering	Reference harness	numbering	Reference harness
A011	Front meter harness	A042	Engine compartment wiring harness
B006	Front meter harness	B014	Frame harness
C048	Front meter harness	C050	Frame harness
C073	Front meter harness	—	—

**: Connectors between the harness and the harness**

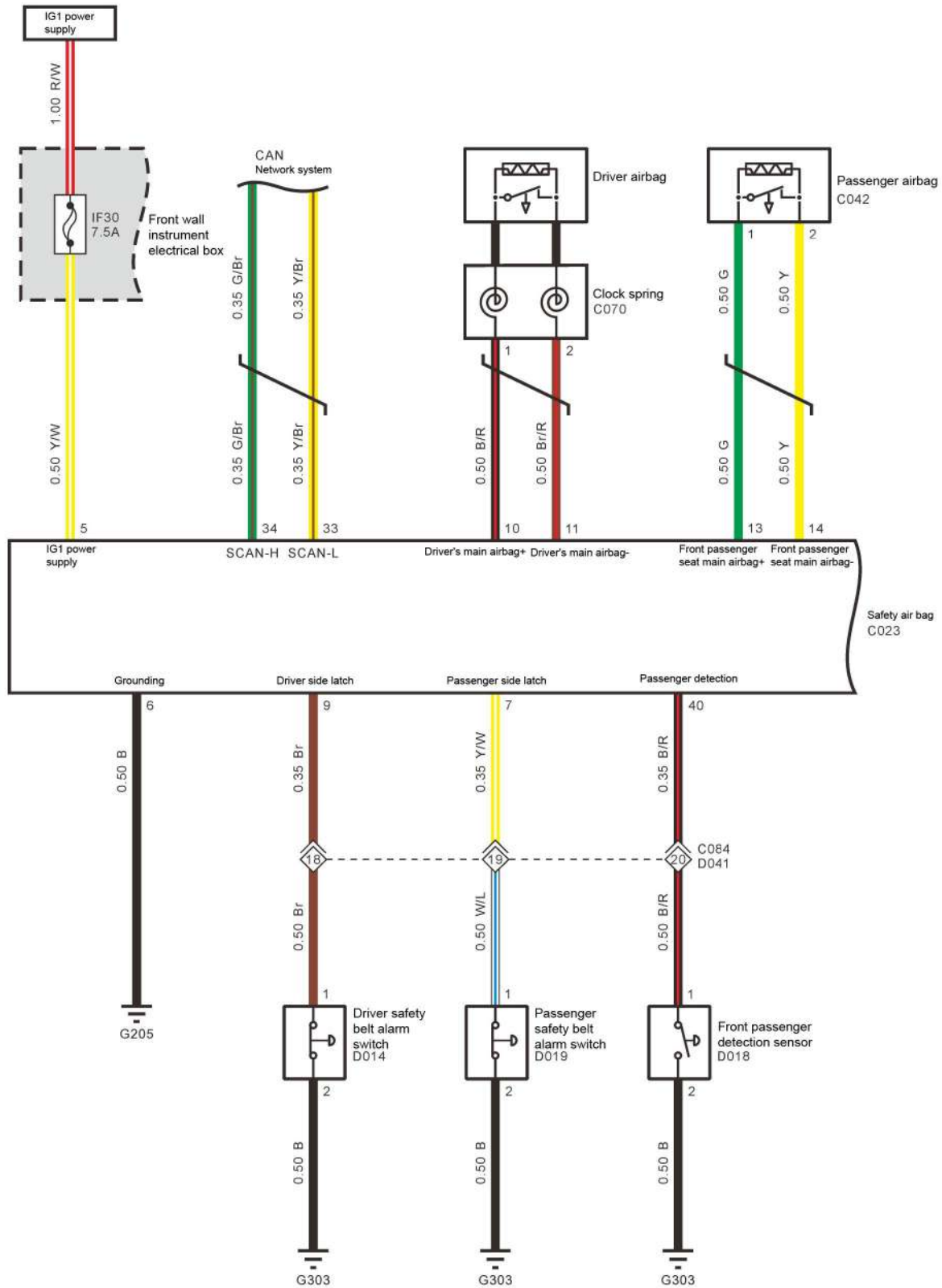
numbering	numbering	Reference harness(Connector location)
A030	C080	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)
D041	C084	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the right A-pillar)
B001	D036	Frame harness and floor harnesses(Under the main driver's seat)
B002	D037	Frame harness and floor harnesses(Under the main driver's seat)

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G101B	Right side of the forward cabin	G104	Left side of the forward cabin
G201	The inside of the lower shield of the left A-pillar	G301	On the floor under the main driver's seat

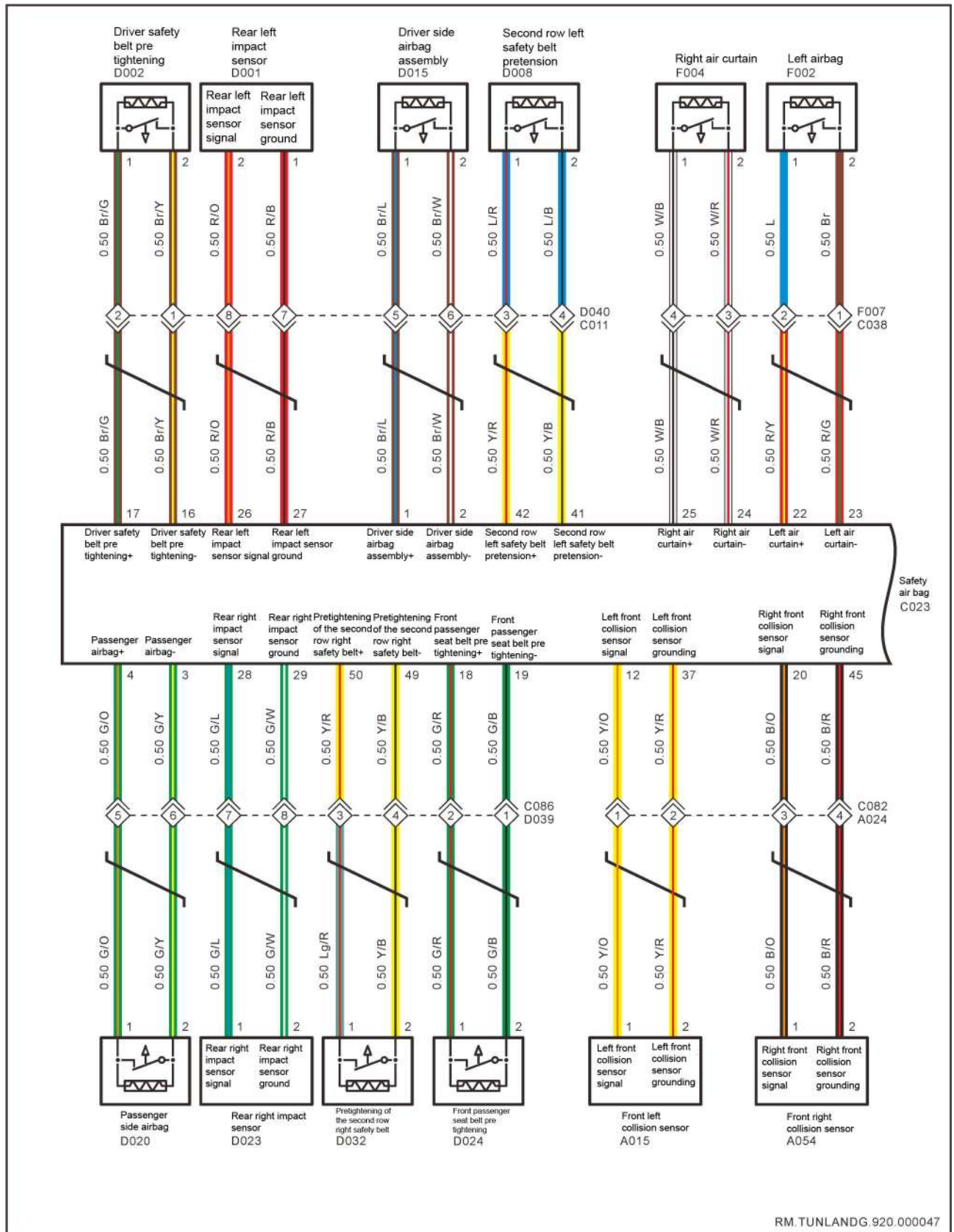
Airbag system1

FL



RM.TUNLANDG.920.000046

Airbag system2



System description :**1. System description**

An airbag is a device that inflates the airbag to protect the occupants during a crash before a secondary collision. Airbags act as an auxiliary device to the occupant restraint device of the seat belt. The safety airbag system consists of an integral airbag module consisting of an airbag and an inflator (gas generator), a collision sensor system that senses a collision and issues deployment instructions to the airbag module, and a wiring harness that transmits signals emitted by the sensor.

2. Power input**FL**

When IG1Relays is operating, the current passes through the airbag fuselF30 in the front instrument electrical box to terminal 5 of the airbag C023, providing power for the co-pilot airbag, clock spring (gas generation), driver's seat belt pretension, passenger seat belt pretension, driver's seat belt alarm switch, etc. in the Airbag system.

3. Collision signal

When IG1Relays is working, the vehicle collides, the collision sensor gives the airbag C023 crash signal, and at the same time the seatbelt pretensioner preload works and the airbag is deployed.

 : Part location

numbering	Reference harness	numbering	Reference harness
A015	Engine compartment wiring harness	A054	Engine compartment wiring harness
C023	Front meter harness	C042	Front meter harness
C070	Front meter harness	D001	Floor harnesses
D002	Floor harnesses	D008	Floor harnesses
D014	Floor harnesses	D015	Floor harnesses
D018	Floor harnesses	D019	Floor harnesses
D020	Floor harnesses	D023	Floor harnesses
D024	Floor harnesses	D032	Floor harnesses
F002	Ceiling harness	F004	Ceiling harness

 : Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
A024	C082	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)

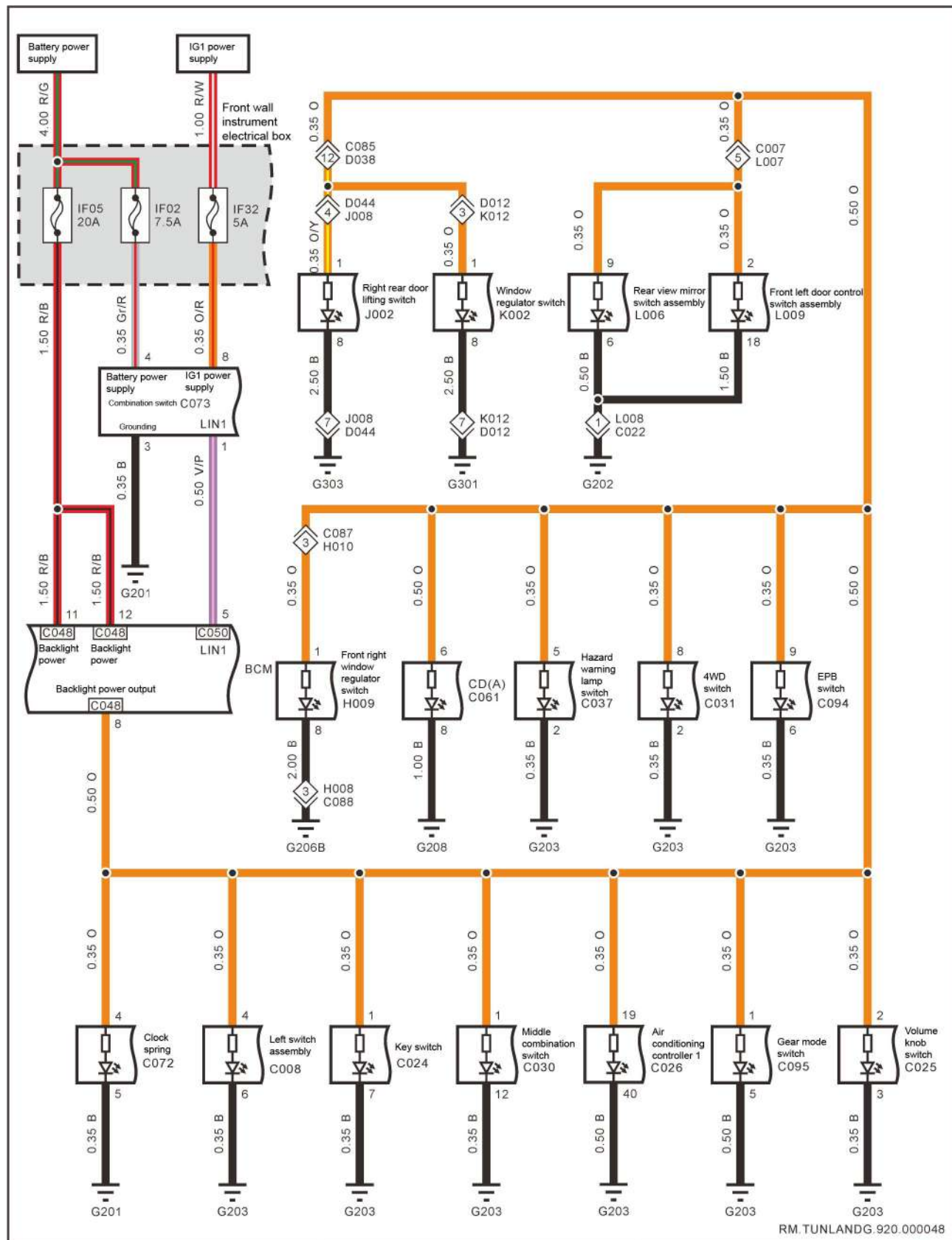
numbering	numbering	Reference harness(Connector location)
D041	C084	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the right A-pillar)
D040	C011	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the right A-pillar)
D039	C086	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the right A-pillar)
F007	C038	This order Hanes and Frante Met Hannes(Inside the left side of the dashboard)

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G205	Underside of the secondary dashboard	G303	On the floor under the passenger seat

Backlight lighting system

circuit diagram



System description :

Working conditions: small light or low beam switch closed.

The battery current is supplied to the position lamp through terminals 11 and 12 of the position lamp fuselF05 to BCMB connector C048 in the front peripheral instrument electrical box. When the combination switch is placed in the low beam position or the small light position, the small light opening signal is sent to BCM through the LIN line, and the volume knob switch, air conditioning controller, clock spring, hazard warning light switch and other related electrical devices are output through the No. 8 terminal of the BCMB connector C048, respectively, and the corresponding side earthing, backlight work.

 : Part location

FL

numbering	Reference harness	numbering	Reference harness
C008	Front meter harness	C024	Front meter harness
C025	Front meter harness	C026	Front meter harness
C030	Front meter harness	C031	Front meter harness
C037	Front meter harness	C048	Front meter harness
C050	Front meter harness	C061	Front meter harness
C072	Front meter harness	C073	Front meter harness
H009	Right front door harness	J002	Right rear door harness
K002	Left rear door harness	L006	Left front door door harness
L009	Left front door door harness	C094	EPB switch
C095	Gear mode switch	—	—

 : Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
H008	C088	Wright Fronte Dulhanis and Fronte Mette Hannes(The inside of the lower shield of the right A-pillar)
H010	C087	Wright Fronte Dulhanis and Fronte Mette Hannes(The inside of the lower shield of the right A-pillar)

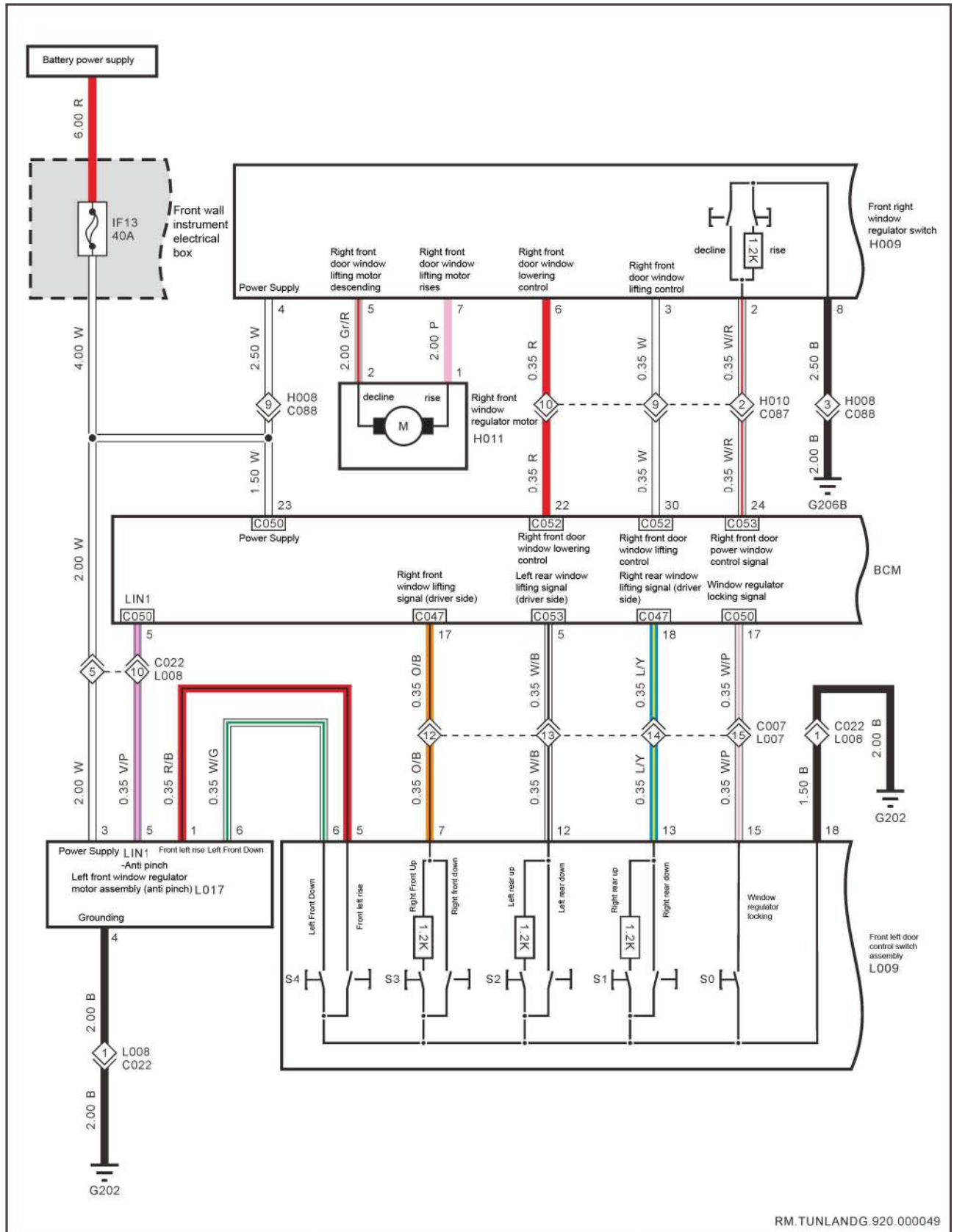
numbering	numbering	Reference harness(Connector location)
L007	C007	Left Fronte Dur Hanis and Frant Met Hanis(The inside of the lower shield of the left A-pillar)
L008	C022	Left Fronte Dur Hanis and Frant Met Hanis(The inside of the lower shield of the left A-pillar)
D038	C085	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the right A-pillar)
K012	D012	Left rear door harness and floor harness(The inside of the lower shield of the left B-pillar)
J008	D044	Right rear door harness and floor harness(The inside of the lower shield of the right B-pillar)

 : earthing

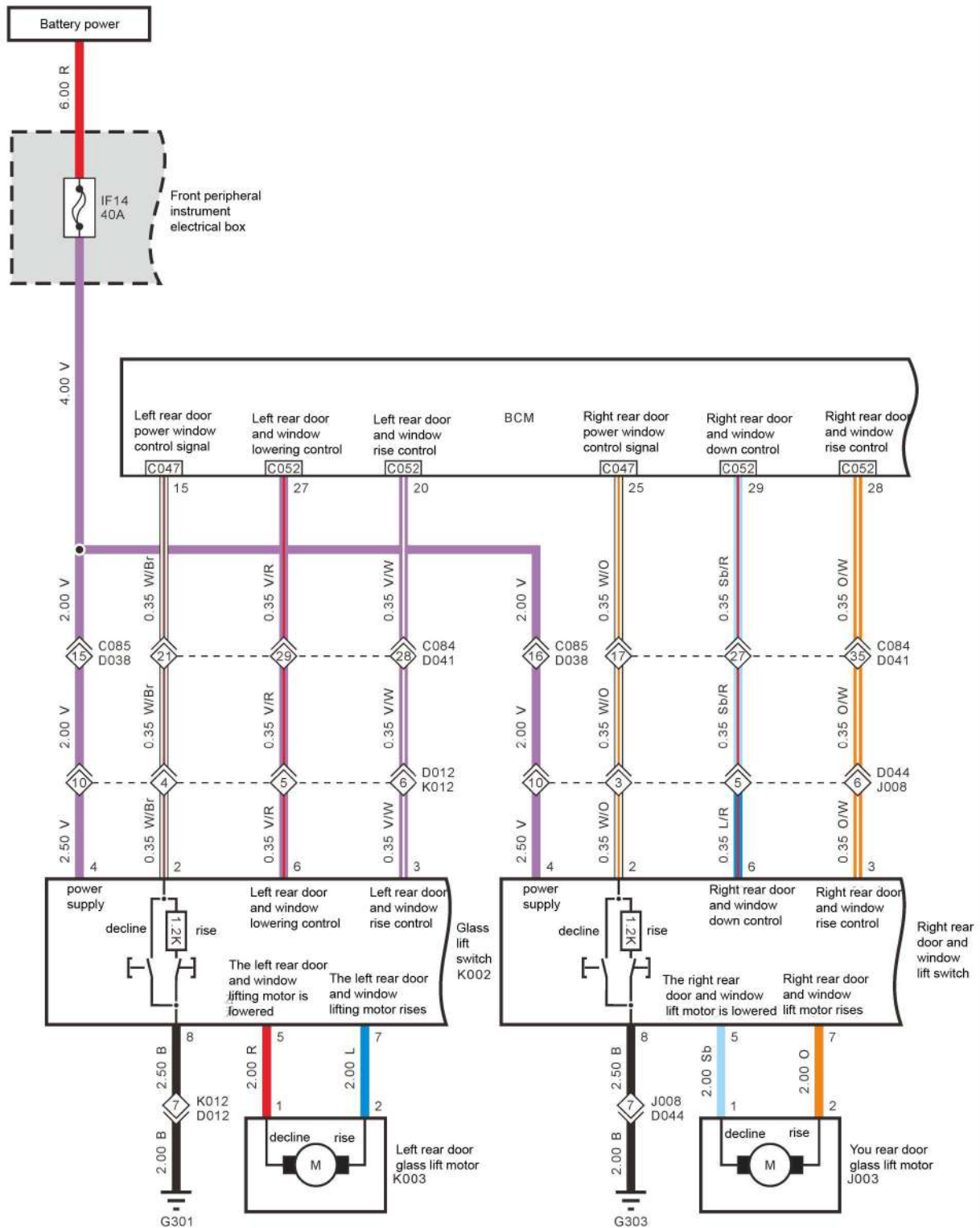
numbering	Earthing point location	numbering	Earthing point location
G201	The inside of the lower shield of the left A-pillar	G202	The inside of the lower shield of the left A-pillar
G203	Left side of dashboard beam	G206B	Instrument beam in the middle
G208	The inside of the lower shield of the right A-pillar	G301	On the floor under the main driver's seat
G303	On the floor under the passenger seat	—	—

Anti-pinch power window system

Anti-pinch power window system1



Anti-pinch power window system2



System description :**1. Battery power**

The whole vehicle is powered on, and the battery power supply is supplied by fuse F13 and F14 in the front instrument electrical box to the front door and rear door glass lift switch respectively.

2. Left front door rise/fall

Press the left front rise or fall button, the button signal to the left front door glass lift motor assembly, control the internal window Relays coil is energized, the contact is closed, the battery current passes through the front peripheral instrument electrical box fuse F13 to L017 terminal 3, L017 terminal 4 earthing, left front door glass motor work, window glass rise or fall. At the same time, the left front door window takes into account the anti-pinch function.

3. Right front door rise/fall

Press the right front up or down button, the button signal to BCM, BCM through the processing output signal control right front door glass lift switch internal window Relays coil energized, contact closed, battery current through the front instrument electrical box fuse F13 to H009 terminal 4, H009 terminal 8 earthing, right front door glass motor work, window glass rise or fall.

4. Left rear door rise/fall

Press the left rear rise or fall button, the button signal to BCM, BCM through the processing output signal control left rear door glass lift switch internal window Relays coil energized, contact closed, battery current through the front peripheral instrument electrical box fuse F14 to K002 terminal 4, K002 terminal 8 earthing, left rear door glass motor work, window glass rise or fall.

5. The right rear door rises

Press the right rear rise or fall button, the button signal to BCM, BCM through the processing output signal control right rear door glass lift switch internal window Relays coil energized, contact closed, battery current through the front peripheral instrument electrical box fuse F14 to J002 terminal 4, J002 terminal 8 earthing, right rear door glass motor work, window glass rise or fall.

 : Part location

numbering	Reference harness	numbering	Reference harness
C047	Front meter harness	C050	Front meter harness
C052	Front meter harness	C053	Front meter harness
H009	Right front door harness	H011	Right front door harness
J002	Right rear door harness	J003	Right rear door harness
K002	Left rear door harness	K003	Left rear door harness
L009	Left front door harness	L017	Left front door harness



: Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
D038	C085	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the right A-pillar)
D041	C084	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the right A-pillar)
H008	C088	Wright Fronte Dulhanis and Fronte Mette Hannes(The inside of the lower shield of the right A-pillar)
H010	C087	Wright Fronte Dulhanis and Fronte Mette Hannes(The inside of the lower shield of the right A-pillar)
J008	D044	Right rear door harness and floor harness(The inside of the lower shield of the right B-pillar)
K012	D012	Left rear door harness and floor harness(The inside of the lower shield of the left B-pillar)
L007	C007	Left Fronte Dur Hanis and Frant Met Hanis(The inside of the lower shield of the left A-pillar)
L008	C022	Left Fronte Dur Hanis and Frant Met Hanis(The inside of the lower shield of the left A-pillar)



: earthing

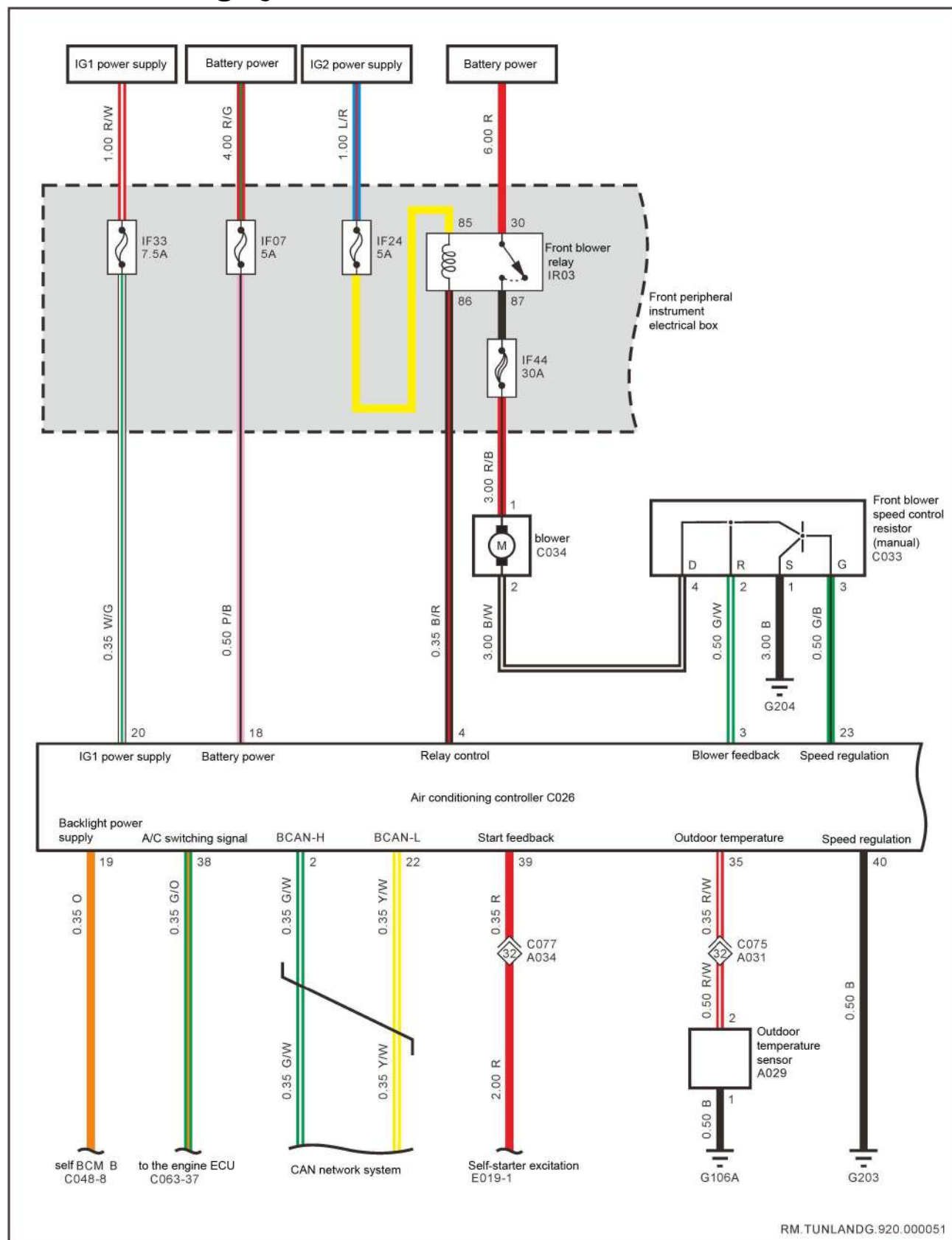
numbering	Earthing point location	numbering	Earthing point location
G202	The inside of the lower shield of the left A-pillar	G206B	Instrument beam in the middle

numbering	Earthing point location	numbering	Earthing point location
G301	On the floor under the main driver's seat	G303	On the floor under the passenger seat

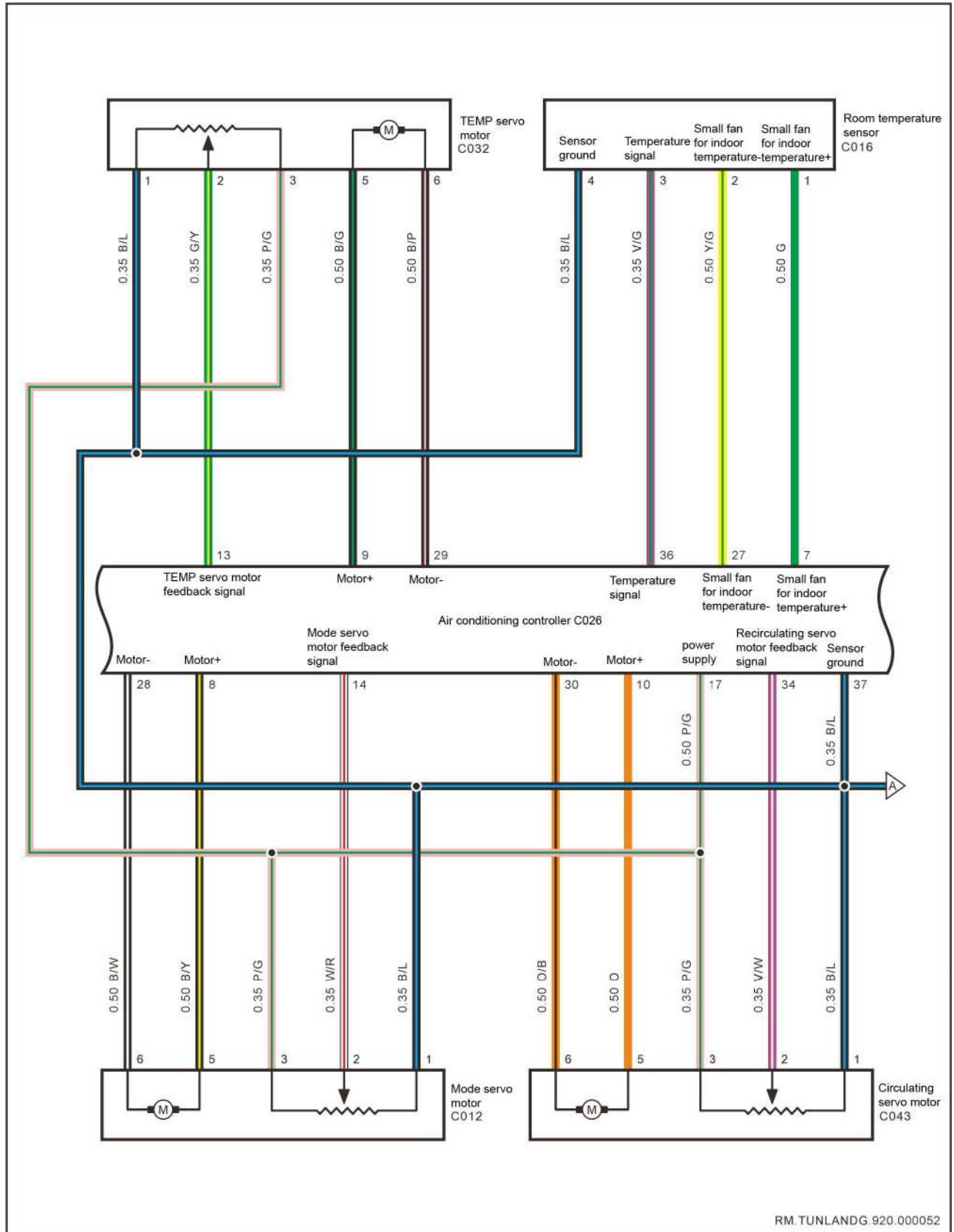
Air conditioning system

Air conditioning system1

FL

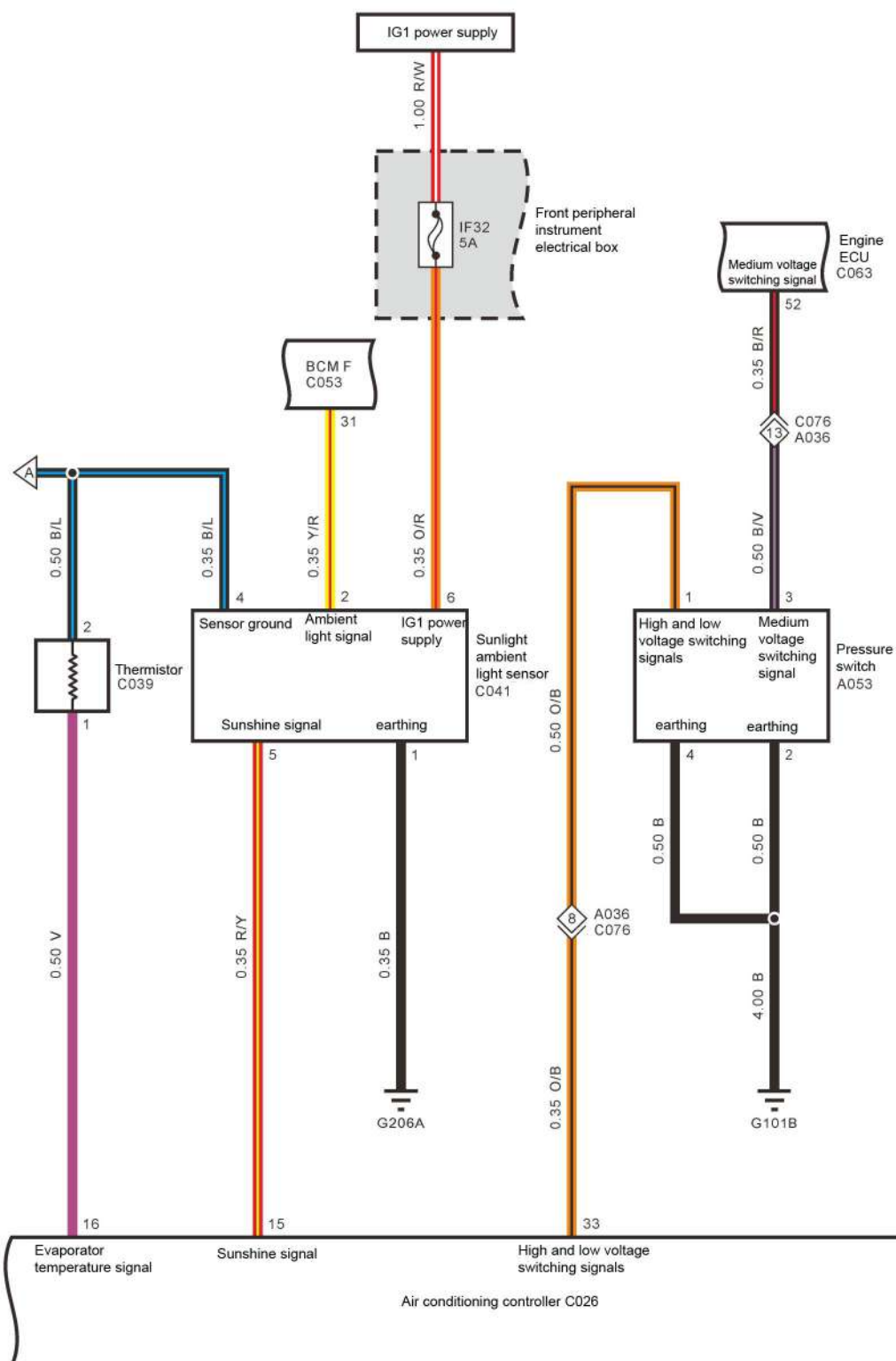


Air conditioning system2

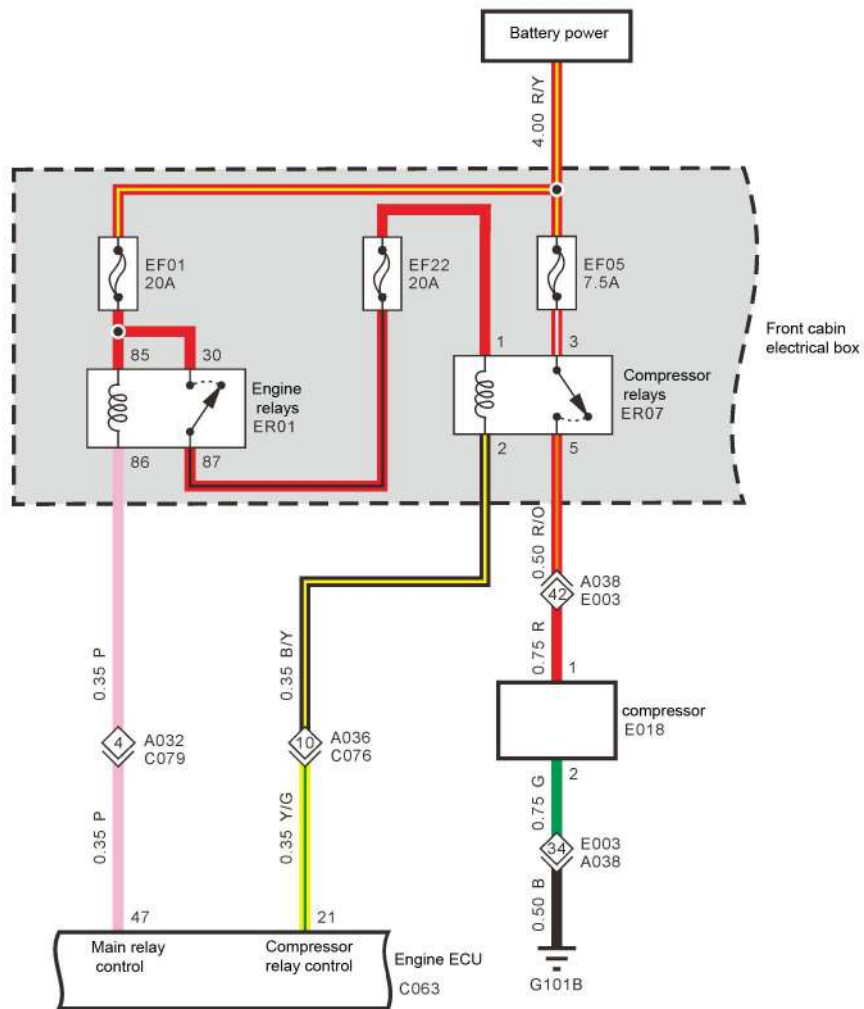


Air conditioning system3

FL



Air conditioning system4



RM.TUNLANDG.920.000055

System description :**1. Air conditioning control**

Turn on the blower, the air conditioning controller detects that the pressure signal is normal, press the A/C switch on the air conditioning panel to send an air conditioning request signal, the 45th terminal of the engine ECU controls the No. 2 terminal of the Compressor relaysER07 earthing, and the battery power passes through the Compressor FUSEEF05 to the No. 3 terminal of the Compressor relaysER07, Compressor relaysER07 contact closed, Compressor relays connected to the compressor electromagnetic clutch, compressor work. At the same time, the indoor temperature sensor C016 detects the temperature signal in the car and sends it to the air conditioning controller.

FL**2. Blower control**

When IG2Relays is working, adjust the blower switch in the non-OFF position, IG2 power supply is connected to the air conditioning controller internal earthing through the Front blower RelaysIR03 coil and the air conditioning controller C026, the front blower IR03 contact is closed, the front blower is controlled by the speed control resistor, and the blower runs at the corresponding gear speed.

When the blower switch is in working condition, press the internal circulation switch on the air conditioning control panel, the current is output from the No. 10 terminal of the air conditioner controller C026 to the No. 5 terminal of the circulating servo motor C043, and through the circulating servo motor from the No. 6 terminal to the No. 30 terminal of the air conditioning controller C026, the air conditioning controller earthing, control the circulating servo motor to work, adjust the position of the internal/external damper. The temperature and blowing mode control of the air conditioner respectively adjust the temperature adjustment knob and the blowing mode adjustment knob on the air conditioning panel, adjust the temperature damper and the mode damper to different positions through the TEMP servo motor and the mode servo motor, change the mixing ratio of cold and warm air volume and the direction of air supply, and the Air conditioning system completes the gradual adjustment of the refrigeration, heating and air supply mode.

 : Part location

numbering	Reference harness	numbering	Reference harness
A029	Engine compartment wiring harness	A053	Engine compartment wiring harness
C012	Front meter harness	C016	Front meter harness
C026	Front meter harness	C032	Front meter harness
C033	Front meter harness	C034	Front meter harness
C039	Front meter harness	C041	Front meter harness
C043	Front meter harness	C053	Front meter harness
C063	Front meter harness	E018	Engine wiring harness



: Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
A031	C075	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)
A034	C077	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)
A032	C079	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)
A036	C076	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)
E003	A038	Nkim Welling Hanes and Njin Konpat Ment, Willing Hanes(Near the ESP control unit on the right side of the engine compartment)



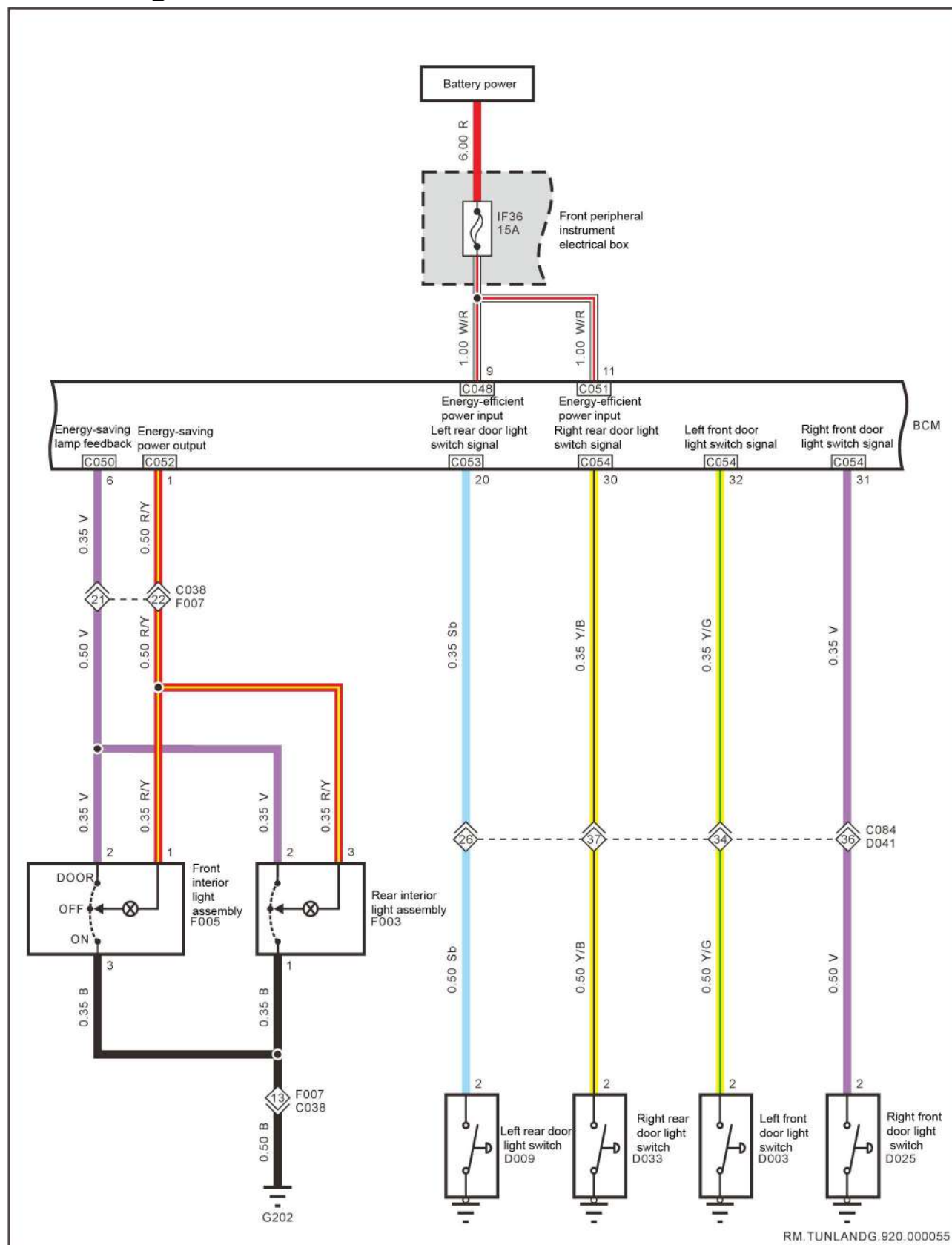
: earthing

numbering	Earthing point location	numbering	Earthing point location
G101B	Right side of the forward cabin	G106A	Left side of the forward cabin
G203	Instrument beam to the left	G204	Right side of the gauge beam
G206A	Instrument beam in the middle	—	—

Indoor light system

circuit diagram

FL



System description :

The battery current passes through the central lock fuselF36 in the front peripheral instrument electrical box to terminal 9 of BCMB connector C048 and terminal 11 of BCMC connector C051 respectively to provide power for indoor lights.

1. Front interior light control

When the front indoor light assembly is in the open position, the current passes through the earthing switch, and the front indoor ceiling light is in working condition.

2. Rear interior light control

When the rear indoor light assembly is in the open position, the current passes through the switch earthing, and the rear indoor ceiling light is in working condition.

3. Front interior light assembly door control

When the indoor light switch is in the DOOR position, any of the four doors is open, the door control switch is in the on state, the current passes through the filament, and outputs from the No. 8 terminal of the front indoor light assembly F005 or the No. 2 terminal of the rear indoor lamp assembly F003, and the indoor ceiling light is in working condition.

 : Part location

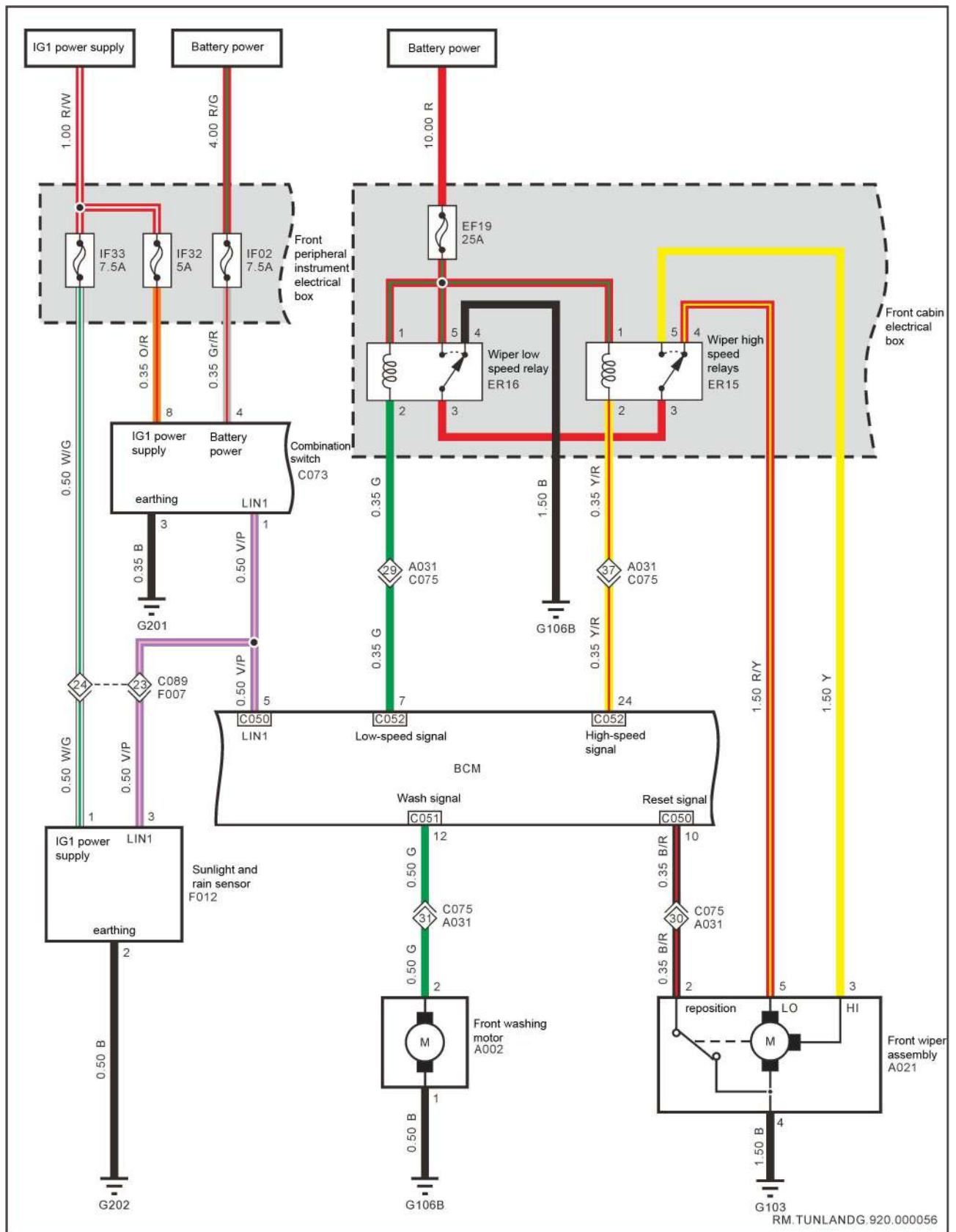
numbering	Reference harness	numbering	Reference harness
C048	Front meter harness	C050	Front meter harness
C051	Front meter harness	C052	Front meter harness
C053	Front meter harness	C054	Front meter harness
D003	Floor harnesses	D009	Floor harnesses
D025	Floor harnesses	D033	Ceiling harness
F003	Ceiling harness	F005	Ceiling harness

 : Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
F007	C038	This order Hanes and Frante Met Hannes(Inside the left side of the dashboard)
D041	C084	Floor wiring harnesses and Front meter harness(Inside the left side of the dashboard)

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G202	The inside of the lower shield of the left A-pillar	—	—



System description :**1. Front wiper system**

The battery current passes through the Inside the front cabin electrical box Front wiper fuseEF19 to terminals 1 and 5 of Wiper low speed relayER13, Terminal 1 of Wiper high speed relaysER15, Terminal 4 of Wiper low speed relayER13, earthing, Provides working power for the wiper system.

a. Front wiper switch INT gear position

When the front wiper switch of the combination switch is in the intermittent position, the front Wiper low speed relay normally open contact is intermittently closed, the front Wiper high speed relays normally closed contact is closed, and the current is output from the front Wiper low speed relay, through terminal 4 of the front Wiper high speed relays, to terminal 5 of the front windscreen wiper assembly, through motor earthing, The front wiper is running intermittently.

b. Front wiper switch LO gear position

When the combination switch front wiper switch is in the low gear position, the front Wiper low speed relay contact is closed, the front Wiper high speed relays normally closed contact is closed, and the current is output from the front Wiper low speed relay, through terminal 4 of the front Wiper high speed relays, to terminal 5 of the front windscreen wiper assembly, through motor earthing, The front wiper is running at low speed.

c. Front wiper switch HI gear position

When the front wiper switch of the combination switch is in the high-speed position, the front Wiper low speed relay contact is closed, the front Wiper high speed relays normally open contact is closed, and the current is output from the front Wiper low speed relay, through terminal 5 of the front Wiper high speed relays, to terminal 3 of the front windscreen wiper assembly, through motor earthing, The front wiper is running at high speed.

2. Front wash switch ON gear

When the combination switch is dialed to the washing gear, the current is from terminal 12 of BCMCC051 to terminal 2 of the front washing motor, and through the motor, the front washing motor terminal 1 is output earthing, and the front washing motor is in working condition.

 : Part location

numbering	Reference harness	numbering	Reference harness
A002	Engine compartment wiring harness	A021	Engine compartment wiring harness
C050	Front meter harness	C051	Front meter harness
C052	Front meter harness	C073	Front meter harness
F012	Ceiling harness	—	—



: Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
A031	C075	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)
F007	C089	This order Hanes and Frante Met Hannes(The inside of the lower shield of the left A-pillar)

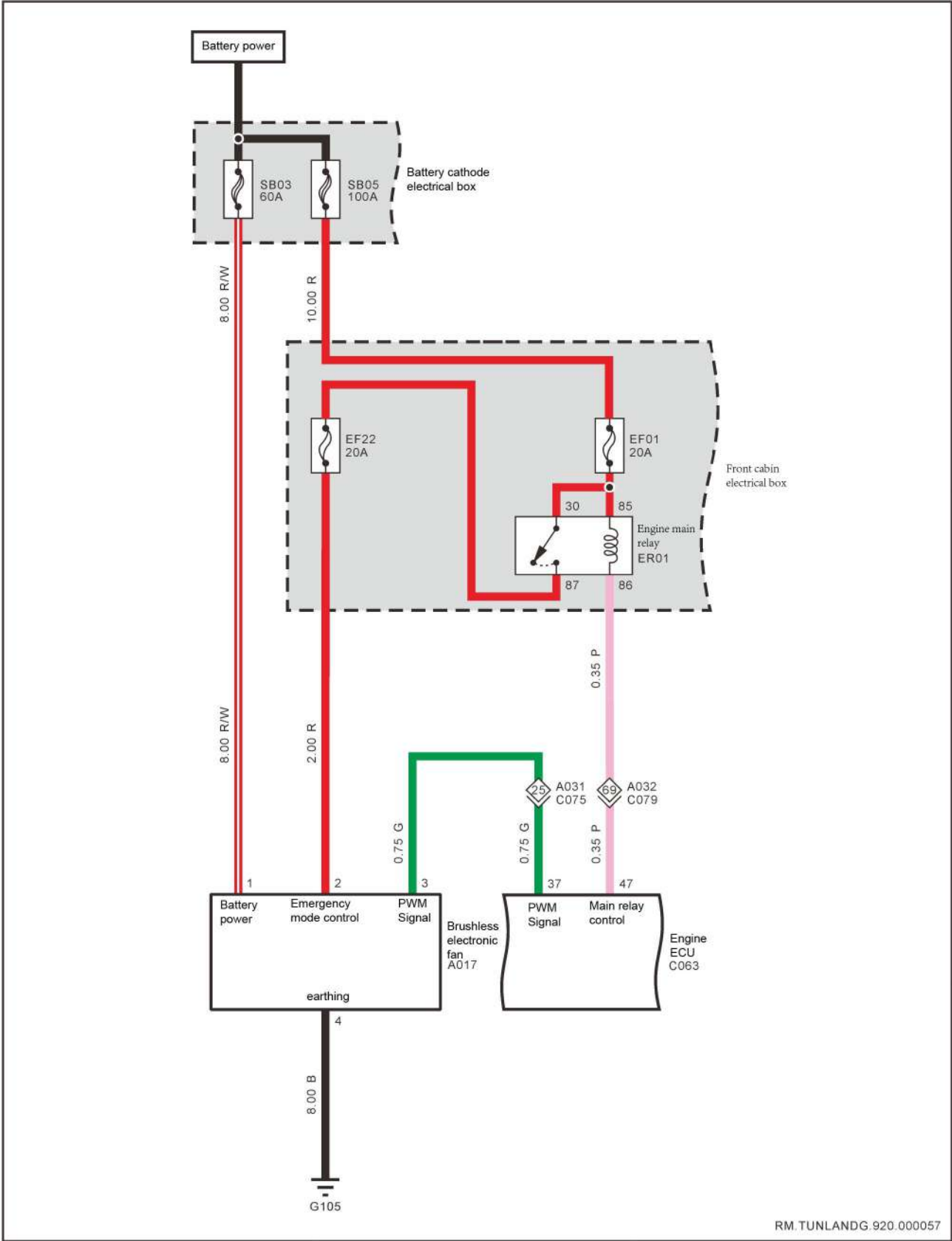


: earthing

numbering	Earthing point location	numbering	Earthing point location
G103	Left side of the forward cabin	G106B	Left side of the forward cabin
G201	The inside of the lower shield of the left A-pillar	G202	The inside of the lower shield of the left A-pillar

Electronic fan system
circuit diagram

FL



System description :

The battery power supply supplies power to terminal 1 of the brushless electronic fan A017 through fuseSB03 in the positive fuse of the battery. The battery power enters the front cabin electrical boxfuseEF01 through the fuseSB05 inside the positive fuse of the battery, powering terminals 30 and 85 of the engine main relayER01, and the engine ECU controls the ECULord RelaysER01 coil energized, the contacts are closed, and the current is drawn from the ECULord The output of terminal 87 of the RelaysER01 is supplied to terminal 2 of the brushless electronic fan A017 via fuseEF22.

 : Part location

numbering	Reference harness	numbering	Reference harness
A016	Engine compartment wiring harness	C063	Front meter harness

FL

 : Connectors between the harness and the harness

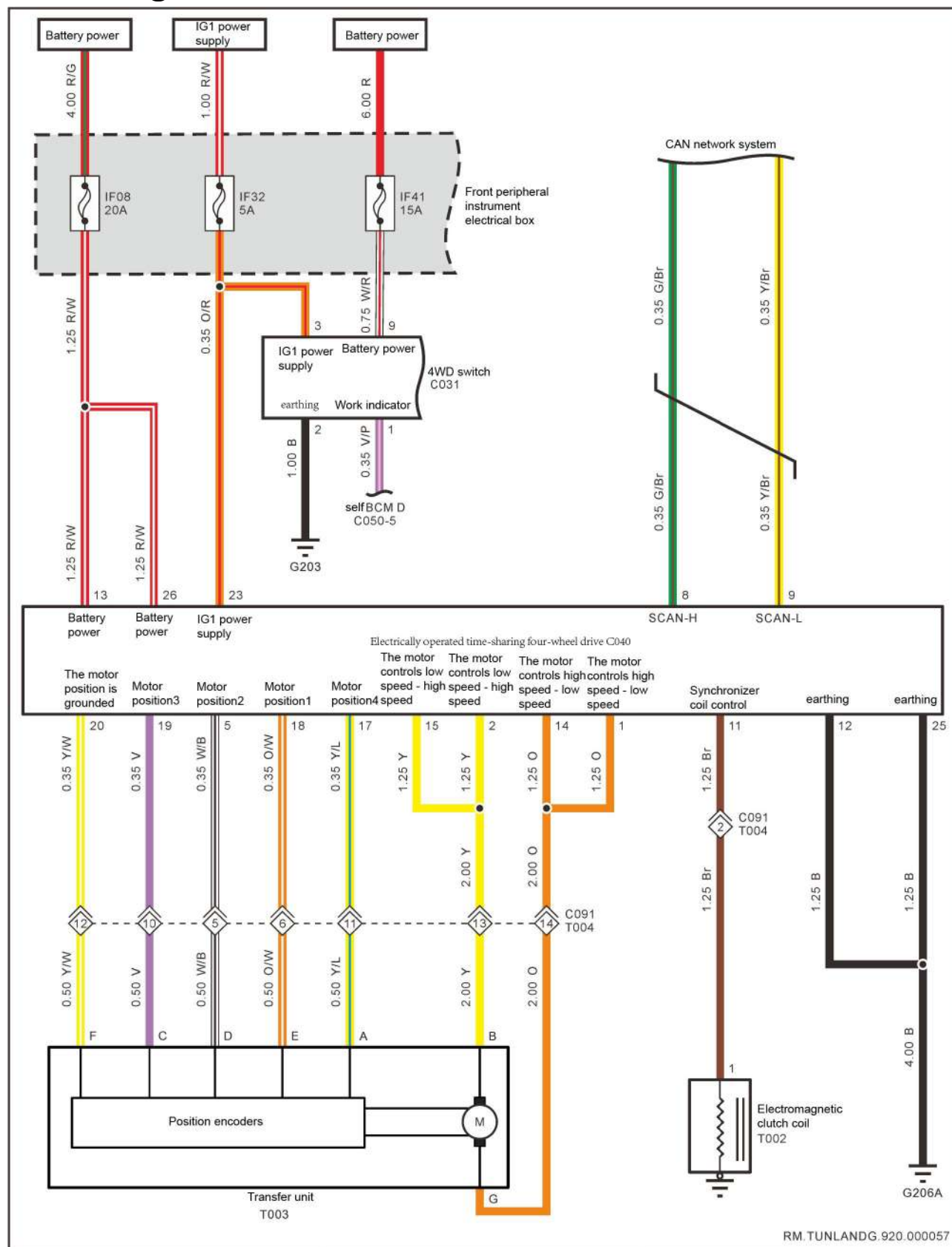
numbering	numbering	Reference harness(Connector location)
A031	C075	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)
A032	C079	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G105	The inside of the lower shield of the left A-pillar	—	—

Electric transfer system

circuit diagram



System description :**1. Battery power**

The power supply passes through the fuse F08 in the front instrument electrical box to terminals 13 and 26 of the electrically operated time-sharing four-wheel drive C040 to provide battery power for the electrically operated time-sharing four-wheel drive system and make it work normally.

2. IG1 power supply

When IG1 Relays is operating, the current passes through fuse F32 in the front peripheral instrument electrical box to terminal 23 of the electrically operated time-sharing four-wheel drive C040 to power the electrically operated time-sharing four-wheel drive system and make it work normally.

3. 4WD

When the one-button start switch is started, the electric operation time-sharing four-wheel drive signal is given through the SCAN network system, and the electrically operated time-sharing four-wheel drive control transfer unit motor makes corresponding actions.

ⓘ Caution

If you shift into a low-speed gear, the output torque is large, in order to avoid overloading the rear axle, the front axle needs to participate in the drive and share part of the load. To this end, the transfer control mechanism should be able to ensure that: before connecting to the front axle, the low-speed gear cannot be hooked; The front axle cannot be removed before exiting in a low-speed gear.

 : Part location

numbering	Reference harness	numbering	Reference harness
C031	Front meter harness	C040	Front meter harness
T002	Automatic transmission wiring harness	T003	Battery harness

 : Connectors between the harness and the harness

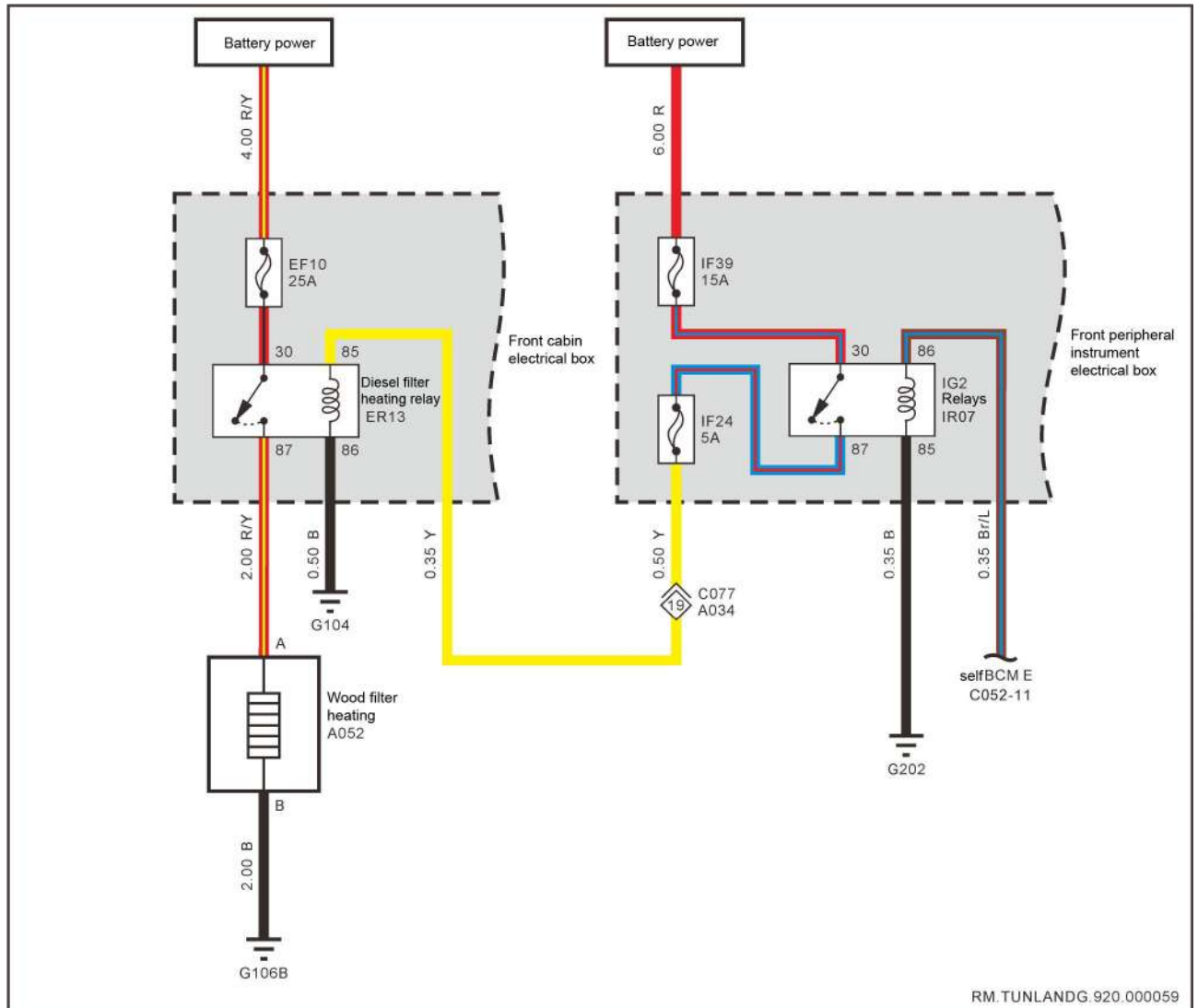
numbering	numbering	Reference harness(Connector location)
T004	C080	Ottomati, Term, Mision, Wellinghanis and Frante Mett Hanis(Inside the left side of the dashboard)

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G203	Instrument beam to the left	G206A	Instrument beam in the middle

Diesel filter heaters

circuit diagram



System description :

When IG2Relays is working, the current is output from the 87 terminal of IG2Relays, and the No. 85 terminal of RelaysER14 is heated by the diesel filter in the front peripheral instrument electrical box to the No. 85 terminal of the RelaysER14 and the No. 86 terminal of ER14 earthing, the coil is energized to generate a magnetic field, and the contacts are closed, at this time, the battery power is heated by the front peripheral instrument electrical box fuseEF10 and the diesel filter RelaysER13, From the No. 87 terminal of ER13 to the A terminal of the diesel filter heater A052, the B terminal of the diesel filter heating earthing, the diesel filter heating into the working state.

 : Part location

FL

numbering	Reference harness	numbering	Reference harness
A052	Engine compartment wiring harness	—	—

 : Connectors between the harness and the harness

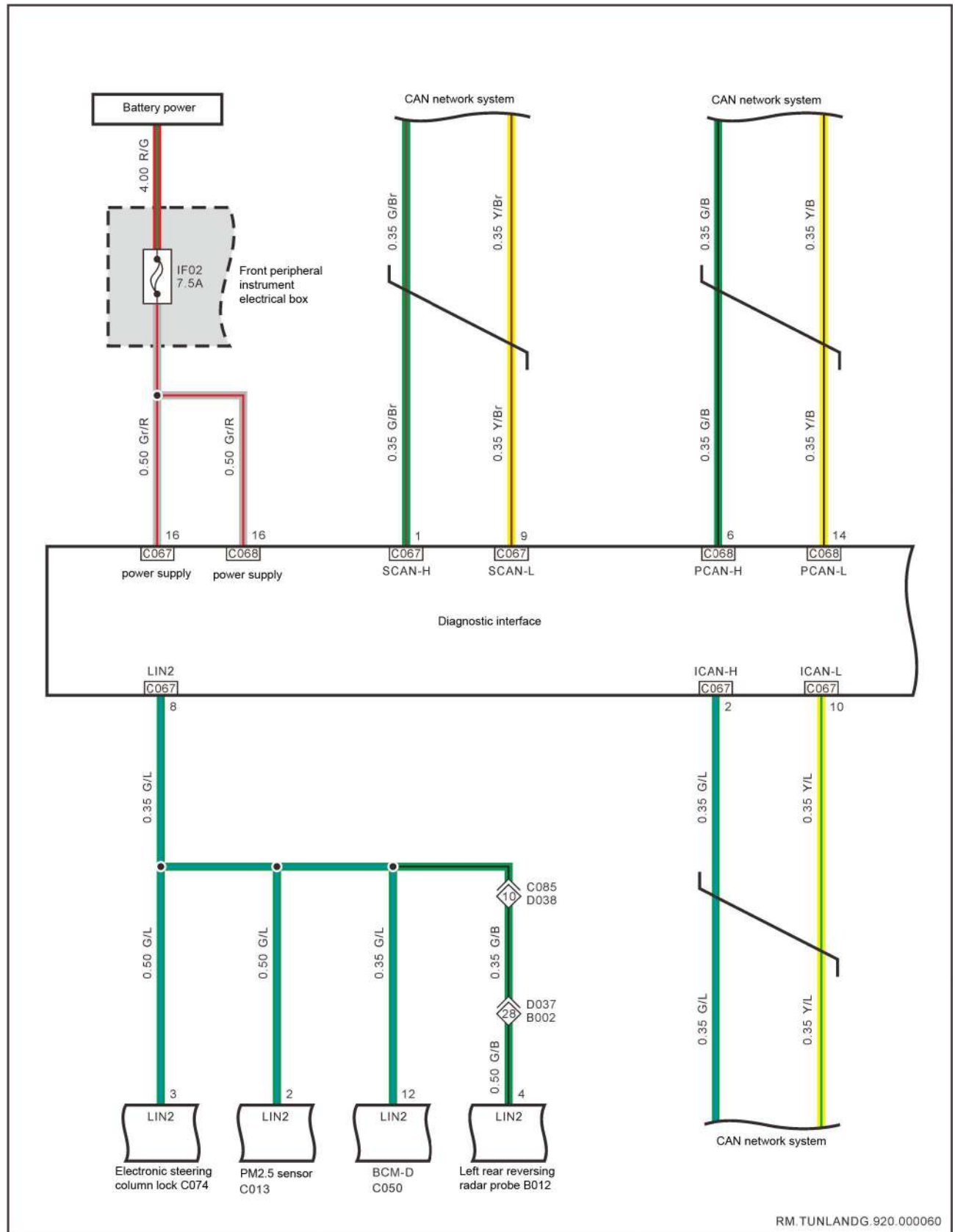
numbering	numbering	Reference harness(Connector location)
A034	C077	Njincompat Ment, Willinghames and Frante Met Hanis(Inside the left side of the dashboard)

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G104	Left side of the forward cabin	G202	The inside of the lower shield of the left A-pillar

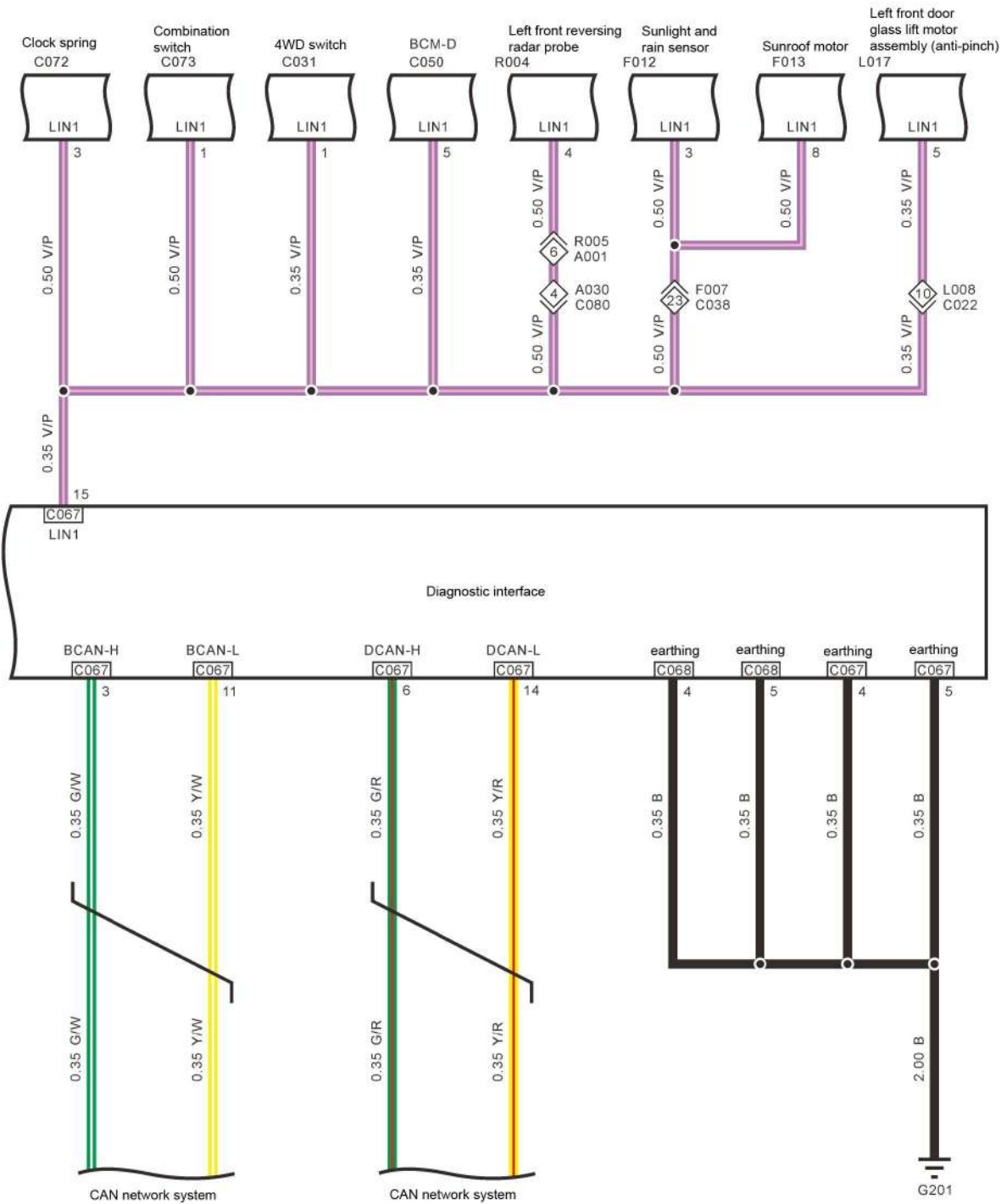
OBD diagnostic system

OBD diagnostic system1



OBD diagnostic system2

FL



System description :

Battery power supply from the front peripheral instrument electrical box fuselF02, to diagnostic interface one C067 of terminal 16 and diagnostic interface two C068 terminal 16, providing battery power, C067 terminal 4 and 5 earthing, wherein C067 terminal 6 is DCAN-H communication line, terminal 14 is DCAN-L communication line, terminal 11 is BCAN-L communication line, terminal 3 is BCAN-H communication line, Terminal 10 is ICAN-L communication line, Terminal 2 is ICAN-H communication line, Terminal 9 is SCAN-L communication line, Terminal 1 is SCAN-H communication line. Terminal 14 of C068 is PCAN-L communication line, and Terminal 6 is PCAN-H communication line.

 : Part location

FL

numbering	Reference harness	numbering	Reference harness
C013	Front meter harness	C050	Front meter harness
C067	Front meter harness	C068	Front meter harness
C072	Front meter harness	C073	Front meter harness
C031	Front meter harness	C050	Front meter harness
C074	Front meter harness	B012	Frame harness
F012	Ceiling harness	F013	Ceiling harness
R004	Front bumper harness	L017	Left front door harness

 : Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
A001	R005	Fronmet Hanis and Frandbonpo Hannes(Left fog light to the right)
A030	C080	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)
B002	D037	Frame harness and floor harnesses(Under the main driver's seat)
D038	C085	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the right A-pillar)
F007	C038	This order Hanes and Frante Met Hannes(The inside of the lower shield of the left A-pillar)

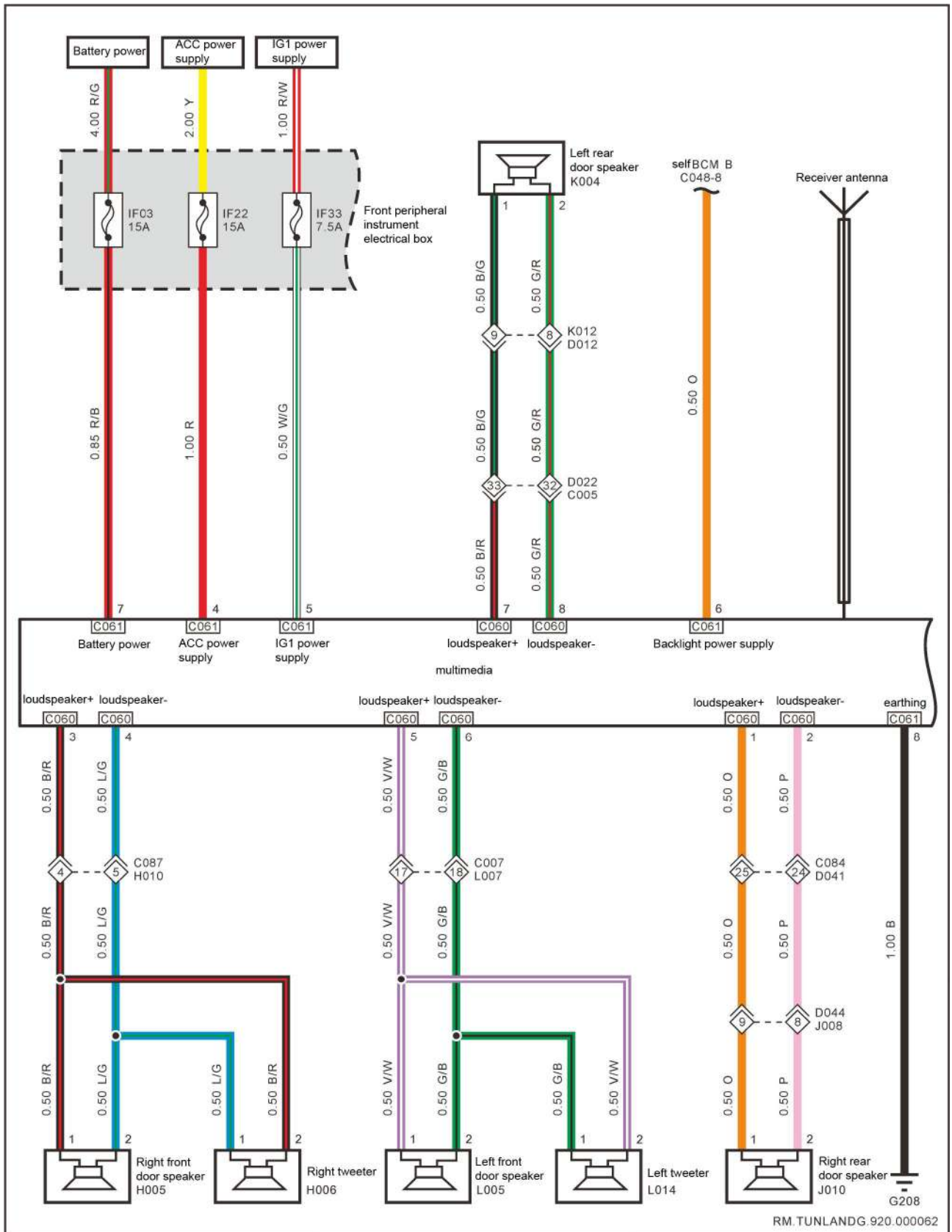
numbering	numbering	Reference harness(Connector location)
L008	C022	Left Fronte Dur Hanis and Frant Met Hanis(The inside of the lower shield of the left A-pillar)

 : earthing

FL	numbering	Earthing point location	numbering	Earthing point location
	G201	The inside of the lower shield of the left A-pillar	—	—

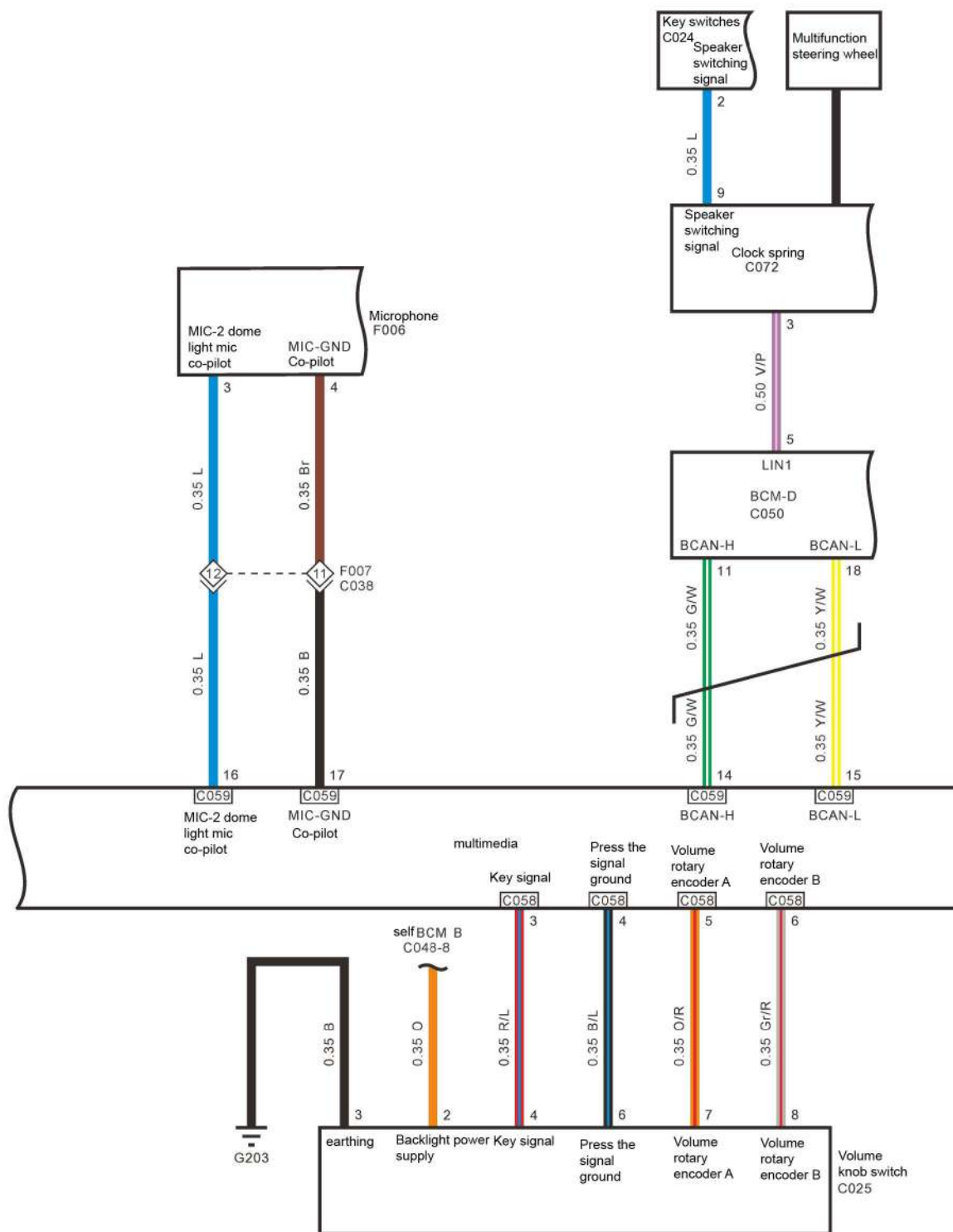
Sound system

Sound system1



Sound system2

FL



System description :**1. Battery power**

The power supply passes through fuselF03 in the front instrument electrical box, to terminal 7 of the multimedia connector C061, and terminal 8 earthing of C061, providing battery constant power for the sound system.

2. ACC power supply

When ACCRelays is working, the current passes through fuselF22 in the front peripheral instrument electrical box to terminal 4 of the receiver connector C061, providing ACC trigger power for the receiver host to make it work normally.

3. IG1 power supply

When IG1Relays is working, the current passes through fuselF33 in the front peripheral instrument electrical box to terminal 5 of the receiver connector C061, providing IG1 trigger power for the receiver host to make it work normally.

4. How the Sound System works

The sound system is mainly composed of fuse, audio console, high/woofer, antenna, steering wheel volume adjustment switch and microphone.

The essence of the audio is the audio receiver or player, and the radio station is the audio transmitter end.

Normal use first pre-select the radio into one of the AM/FM mode, when selecting or self-seeking a radio station frequency band, the radio antenna receives the radio station to transmit high-frequency wireless broadcast signals, through the audio internal input frequency selection circuit, high-frequency circuit, mixing circuit, intermediate frequency voltage amplification, frequency detector and other processing process, and finally through the power amplifier circuit to generate audio signals, the audio host output to four speakers each, play radio station signals.

 : Part location

numbering	Reference harness	numbering	Reference harness
C024	Front dashboard harness	C025	Front dashboard harness
C050	Front dashboard harness	C058	Front dashboard harness
C059	Front dashboard harness	C060	Front dashboard harness
C061	Front dashboard harness	C072	Front dashboard harness
H005	Right front door harness	H006	Right front door harness
J010	Right rear door harness	K004	Left rear door harness
L005	Left front door harness	L014	Left front door harness

numbering	Reference harness	numbering	Reference harness
F006	Ceiling harness	—	—



: Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
D022	C005	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the left A-pillar)
J008	D044	Right rear door harness and floor harness(The inside of the lower shield of the right B-pillar)
K012	D012	Left rear door harness and floor harness(The inside of the lower shield of the left B-pillar)
D041	C084	Floor wiring harnesses and Front meter harness(Inside the left side of the dashboard)
H010	C087	Wright Fronte Dulhanis and Fronte Mette Hannes(The inside of the lower shield of the right A-pillar)
F007	C038	This order Hanes and Frante Met Hannes(The inside of the lower shield of the left A-pillar)
L007	C007	Left Fronte Dur Hanis and Frant Met Hanis(The inside of the lower shield of the left A-pillar)

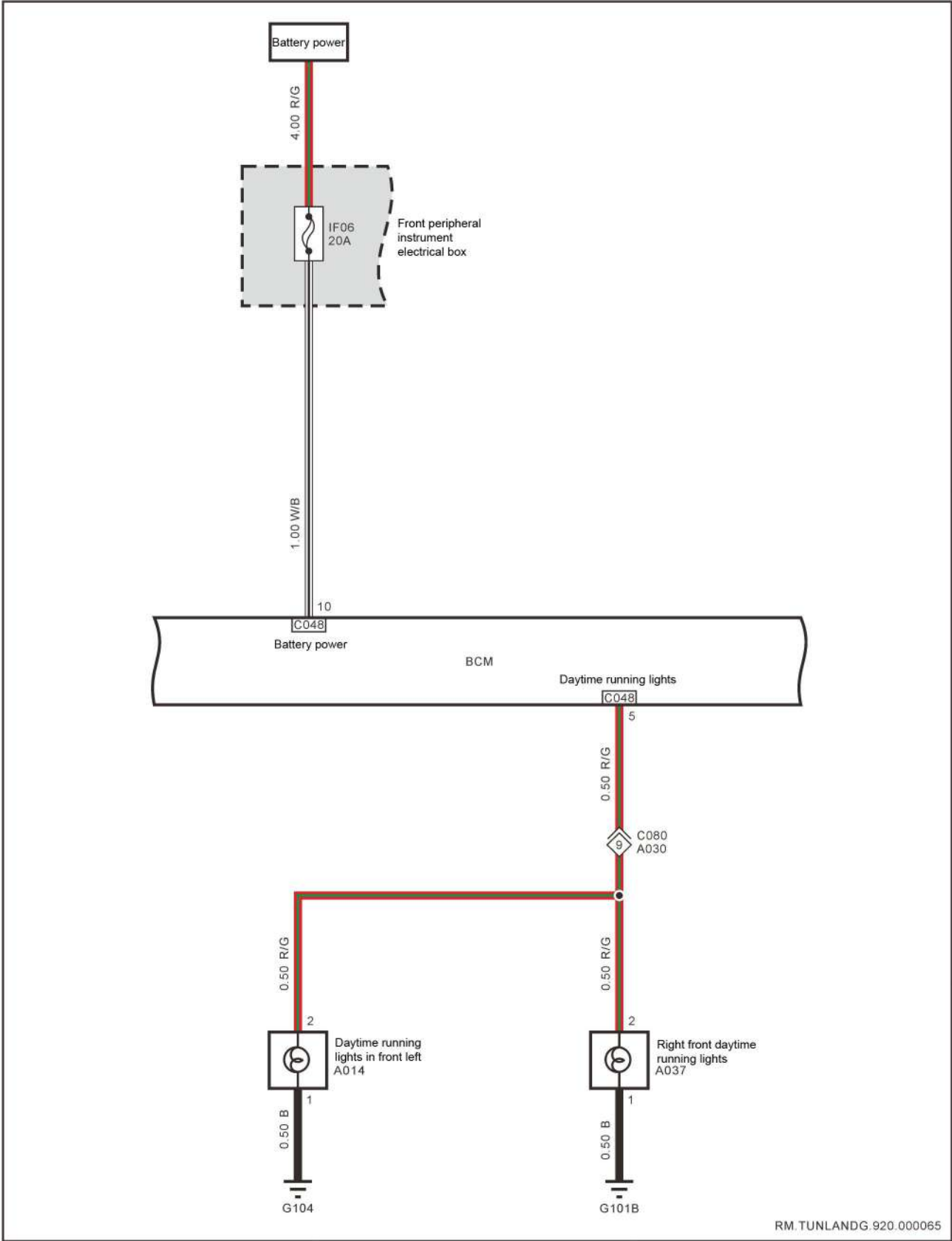


: earthing

numbering	Earthing point location	numbering	Earthing point location
G203	Left side of dashboard beam	G208	The inside of the lower shield of the right A-pillar

Daytime running light system
circuit diagram

FL



System description :

The battery current provides power to the position lamp through terminal 10 of the position lamp fuse F06 to BCMB connector C048 in the front instrument electrical box. When the daytime running light opening conditions are met, the No. 5 terminal of the BCMB connector C048 outputs the power supply, respectively to the No. 2 terminal of the left front daytime running light A014 and the No. 2 terminal of the right front daytime running light A037, and the current passes through the corresponding filament, respectively, by the No. 1 terminal of A014 and the No. 1 terminal of A037, respectively, and the daytime running lights on both sides are lit.

 : Part location

numbering	Reference harness	numbering	Reference harness
A014	Engine compartment wiring harness	A037	Engine compartment wiring harness
C048	Front meter harness	—	—

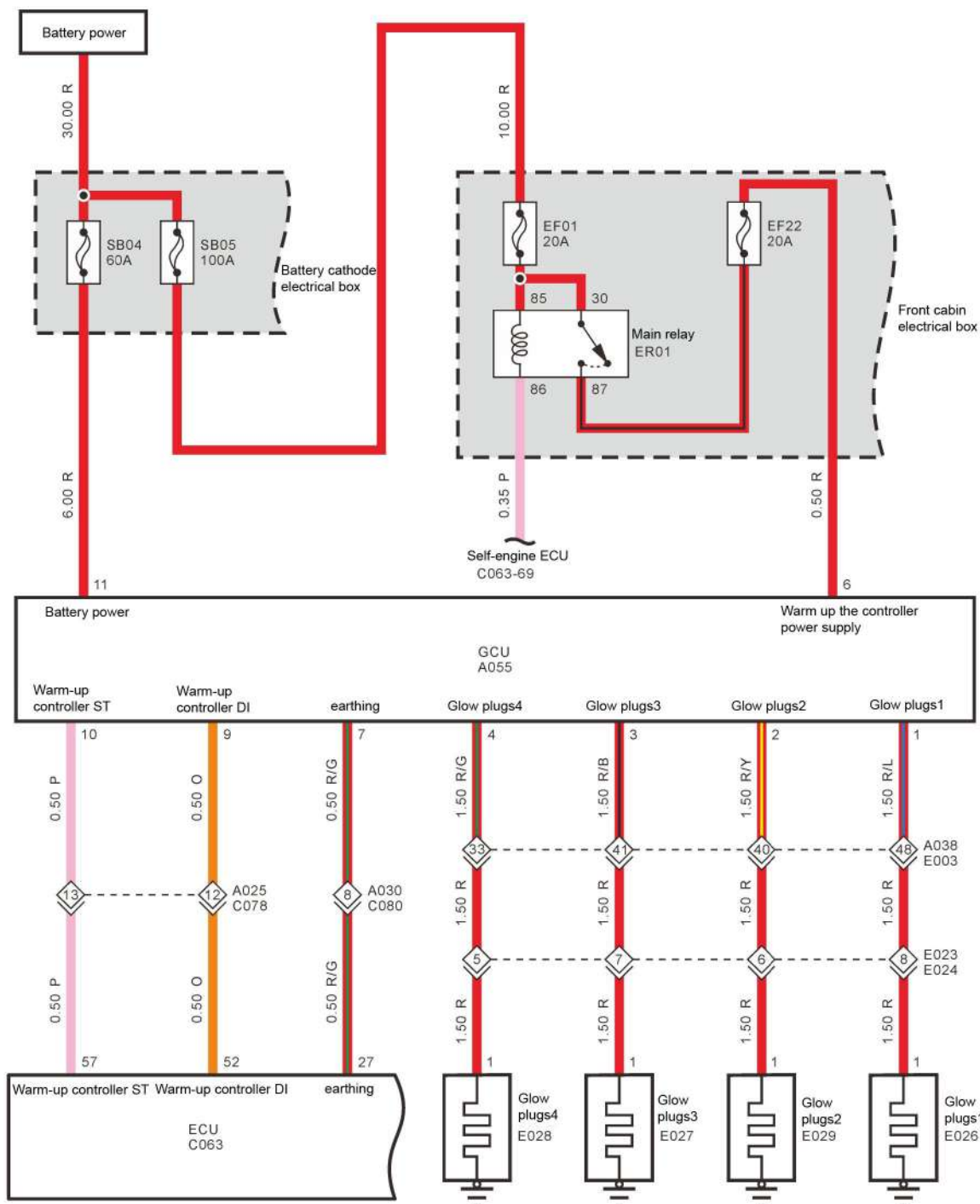
 : Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
A030	C080	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G101B	Right side of the forward cabin	G104	Left side of the forward cabin

Preheating system circuit diagram



System description :

The battery current passes through fuseSB04 and SB05 in the positive fuse box of the battery, and is sent all the way to terminal 11 of GCUA055 through fuseSB04 to provide constant power to the system; The other way is sent to the nacelle electrical box through fuseSB05 Lord RelaysER01 through fuseEF22 to GCUA055 terminal 6, GCUA055 terminal 7 earthing, for the system to provide trigger working power, when starting the vehicle and meeting the preheating conditions, the engine control system controls the GCU module 1, 2, 3, 4 terminals corresponding to the output to 1, 2, 3, 4 cylinder glow plug power, according to the control sequence of each cylinder preheater into the heating state.

 : Part location

FL

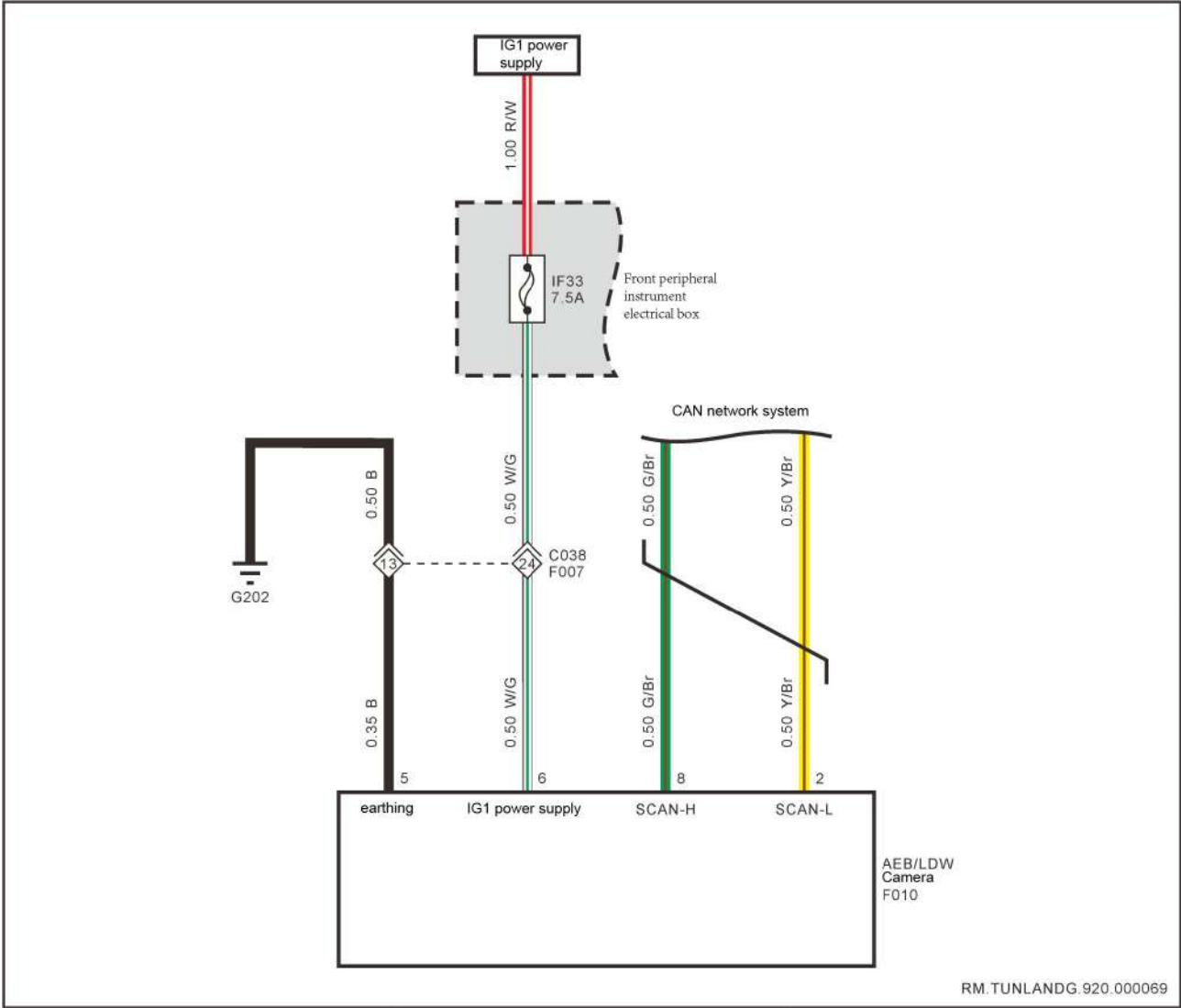
numbering	Reference harness	numbering	Reference harness
A055	Engine compartment wiring harness	C063	Front meter harness
E026	Pre-wired bundles	E027	Pre-wired bundles
E028	Pre-wired bundles	E029	Pre-wired bundles

 : Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
A025	C078	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)
A030	C080	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)
A038	E003	Nkim Welling Hanes and Njin Konpat Ment, Willing Hanes(Near the ESP control unit on the right side of the engine compartment)
E023	E024	Engine wiring harness和 Pre-wired bundles(Near the dipstick in front of the engine)

Lane departure system
circuit diagram

FL



System description :

IG1 power supply through the front instrument electrical box fuse F33 to AEB/LDW camera F010 terminal 6, when the Lane departure system is in the working state current from AEB/LDW camera F010 terminal 5 output earthing.

 : Part location

numbering	Reference harness	numbering	Reference harness
F010	Ceiling harness	—	—

 : Connectors between the harness and the harness

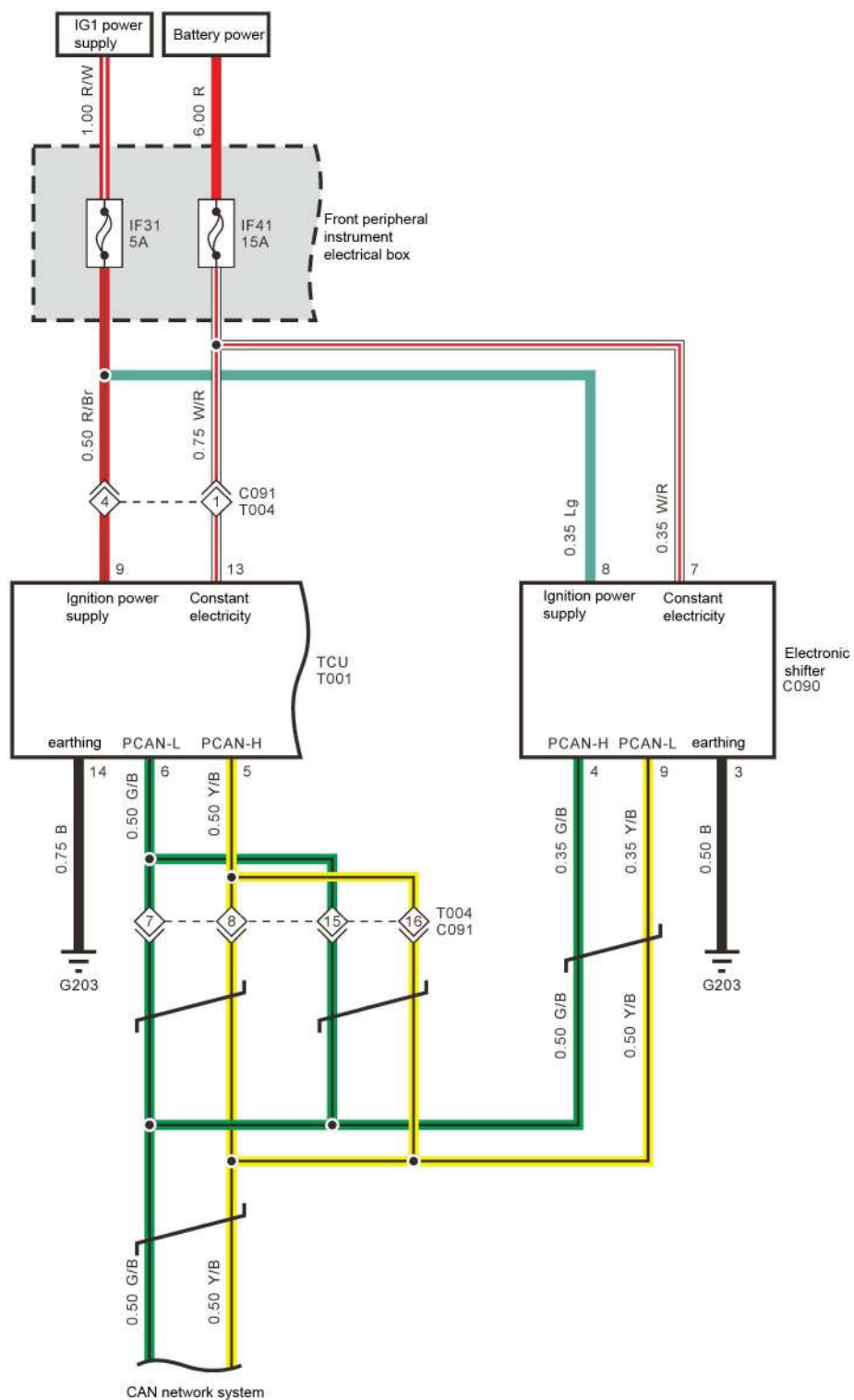
numbering	numbering	Reference harness(Connector location)
F007	C038	This order Hanes and Frante Met Hannes(Inside the left side of the dashboard)

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G202	The inside of the lower shield of the left A-pillar	—	—

Automatic transmission system

circuit diagram



System description :

Battery power provides Battery power for the Automatic transmission system through terminal 7 from fuselF41 to electronic shifter C090 in the front instrument electrical box and terminal 13 from TCUT001. The IG2 power supply provides trigger power to the Automatic transmission system through fuselF31 in the front instrument electrical box to terminal 8 of the electronic shifter C090 and terminal 9 of the TCUT001.

 : Part location

numbering	Reference harness	numbering	Reference harness
C090	Front meter harness	T001	Automatic transmission wiring harness

FL

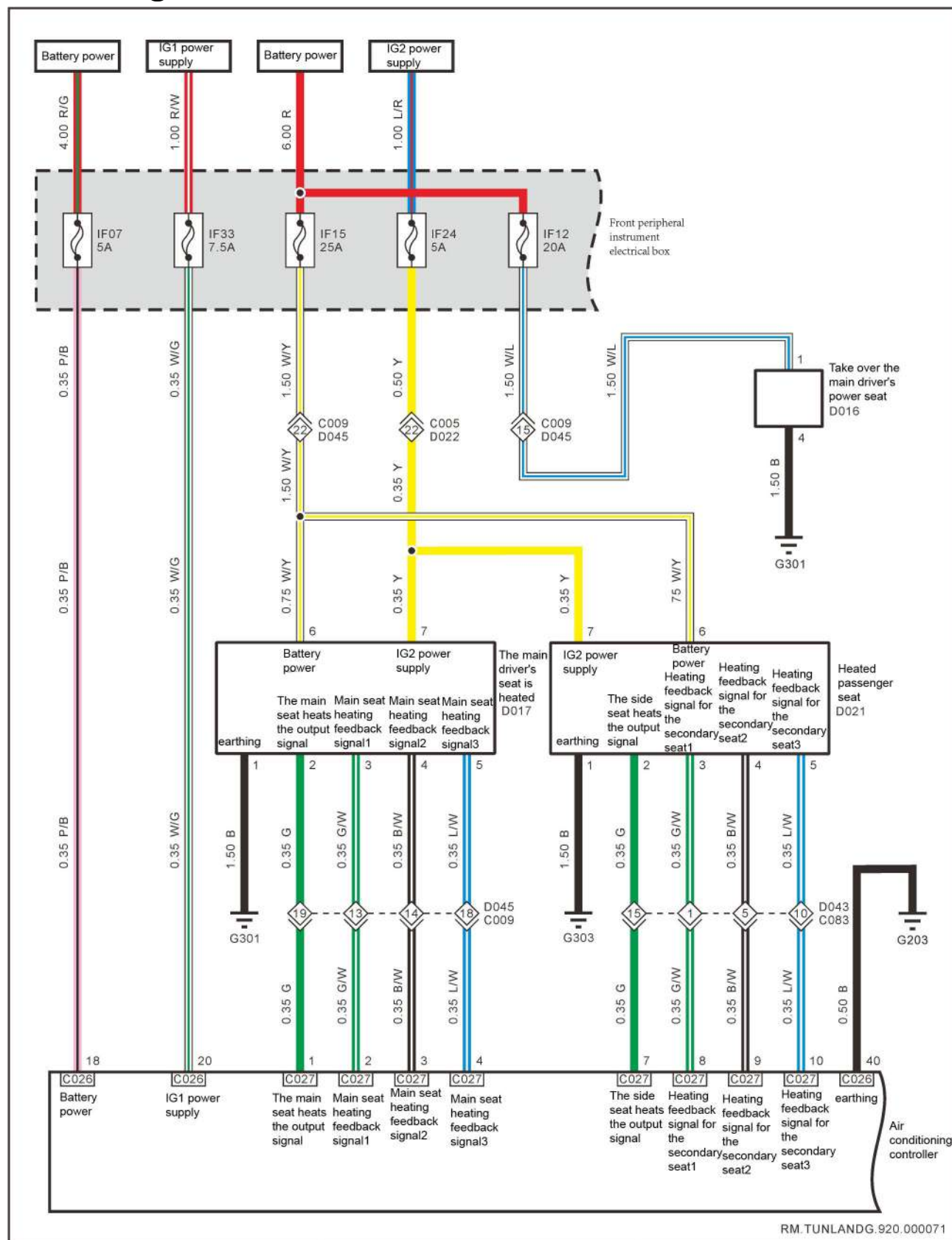
 : Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
T004	C083	Ottomati, Term, Mision, Wellinghanis and Frante Mett Hanis(Inside the left side of the dashboard)
T004	C091	Ottomati, Term, Mision, Wellinghanis and Frante Mett Hanis(Inside the left side of the dashboard)

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G203	Instrument beam to the left	—	—

Seat heating circuit diagram



System description :**1. System power**

- Battery power provides Battery power for the Seat heating system through terminal 6 from fuselF15 to the main driver Seat heating D017 in the front instrument electrical box and terminal 6 from the co-driver Seat heating D021.
- IG2 power supply through fuselF24 in the front instrument electrical box, to the main driver Seat heating D017 terminal 7 and co-driver Seat heating D021 terminal 7 to provide trigger power for the Seat heating system.
- Battery power provides power through fuselF12 in the front instrument box to terminal 1 of the main driver's power seat D016, and provides power for the main driver's seat electric adjustment.

2. How it works

- Press the Seat heating switch on the left side of the center control panel, the No. 1 terminal of the air conditioning controller C027 outputs the main driver's Seat heating signal to the No. 2 terminal of the main driver's Seat heater D017, and the main driver's Seat heater enters the heating working mode, while 3 sets of temperature sensors are installed in the seat to monitor the Seat heating temperature in real time, and feedback to the air conditioning controller to control the continuation or stop of the main driver's Seat heating.
- Press the co-driver Seat heating switch on the central control panel, and the No. 7 terminal of the air conditioning controller C027 outputs the co-pilot's Seat heating signal to the No. 2 terminal of the co-driver's Seat heater D021, and the co-driver's Seat heater enters the heating working mode, while 3 sets of temperature sensors are installed in the seat to monitor the Seat heating temperature in real time, and feedback to the air conditioning controller to control the continuation or stop of the co-pilot's Seat heating.
- Battery power provides power for the electric adjustment of the main driver's seat through fuselF12 in the front instrument box to terminal 1 of the main driver's power seat D016.

 : Part location

numbering	Reference harness	numbering	Reference harness
C026	Front meter harness	C027	Front meter harness
D016	Front meter harness	D017	Front meter harness
D021	Ceiling harness	—	—

 : Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
D045	C009	This order Hanes and Frante Met Hannes(Inside the left side of the dashboard)

numbering	numbering	Reference harness(Connector location)
D022	C005	This order Hanes and Frante Met Hannes(Inside the left side of the dashboard)
D043	C083	This order Hanes and Frante Met Hannes(Inside the left side of the dashboard)

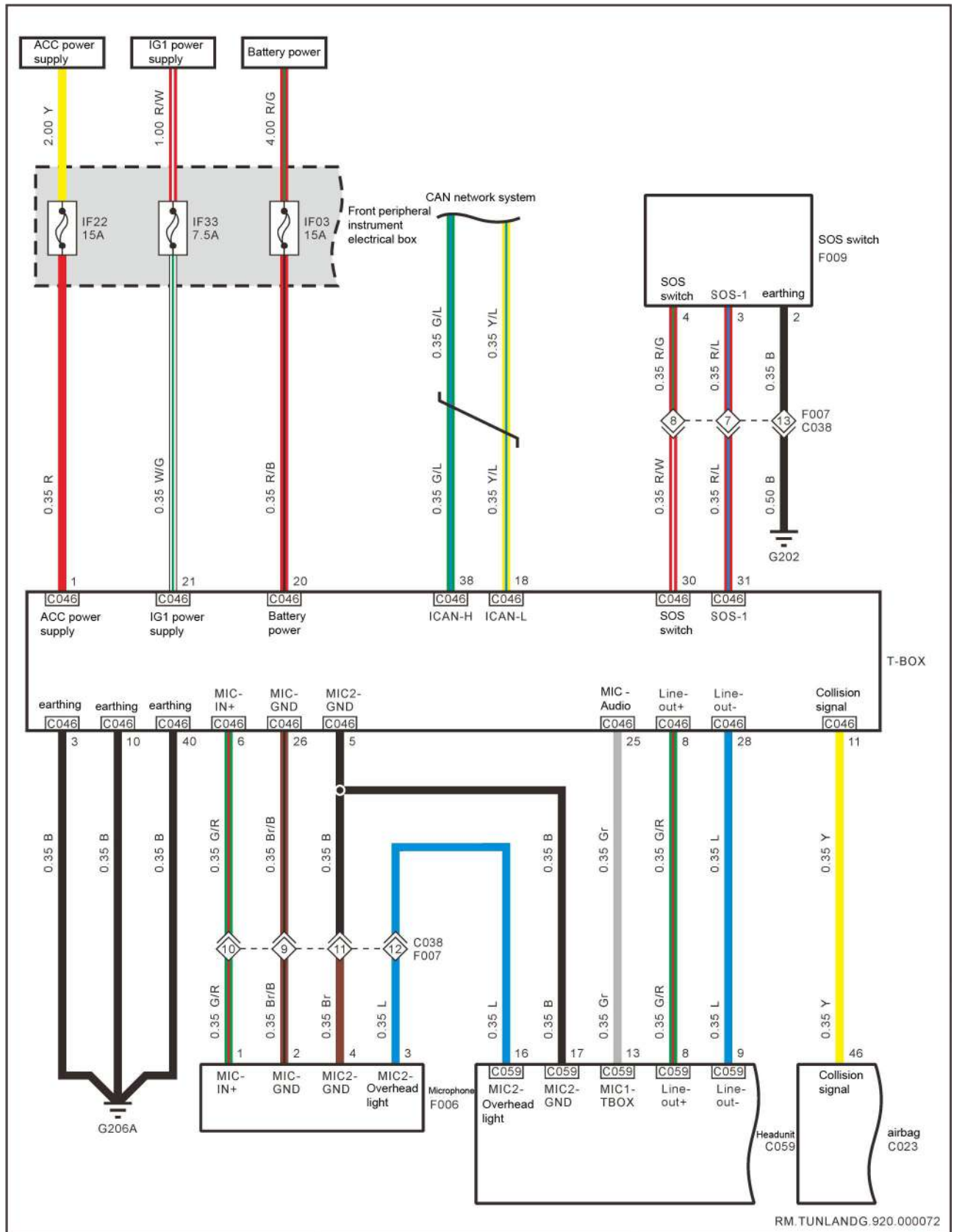
FL

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G203	Instrument beam to the left	G301	On the floor under the main driver's seat
G303	On the floor under the passenger seat	—	—

T-BOX system

T-BOX system(4G)



System description :

1. Battery power

Battery power provides Battery power for the T-BOX system through fuselF03 in the front instrument electrical box to terminal 20 of T-BOXC046.

2. IG1 power supply

IG1 power supply provides IG1 power supply to the T-BOX system via fuselF33 in the front instrument electrical box to terminal 21 of T-BOXC046.

3. ACC power supply

ACC power supply provides ACC power supply to the T-BOX system via fuselF22 in the front instrument electrical box to terminal 1 of T-BOXC046.

FL

 : Part location

numbering	Reference harness	numbering	Reference harness
C023	Front meter harness	C046	Front meter harness
C059	Front meter harness	F006	Ceiling harness
F009	Ceiling harness	—	—

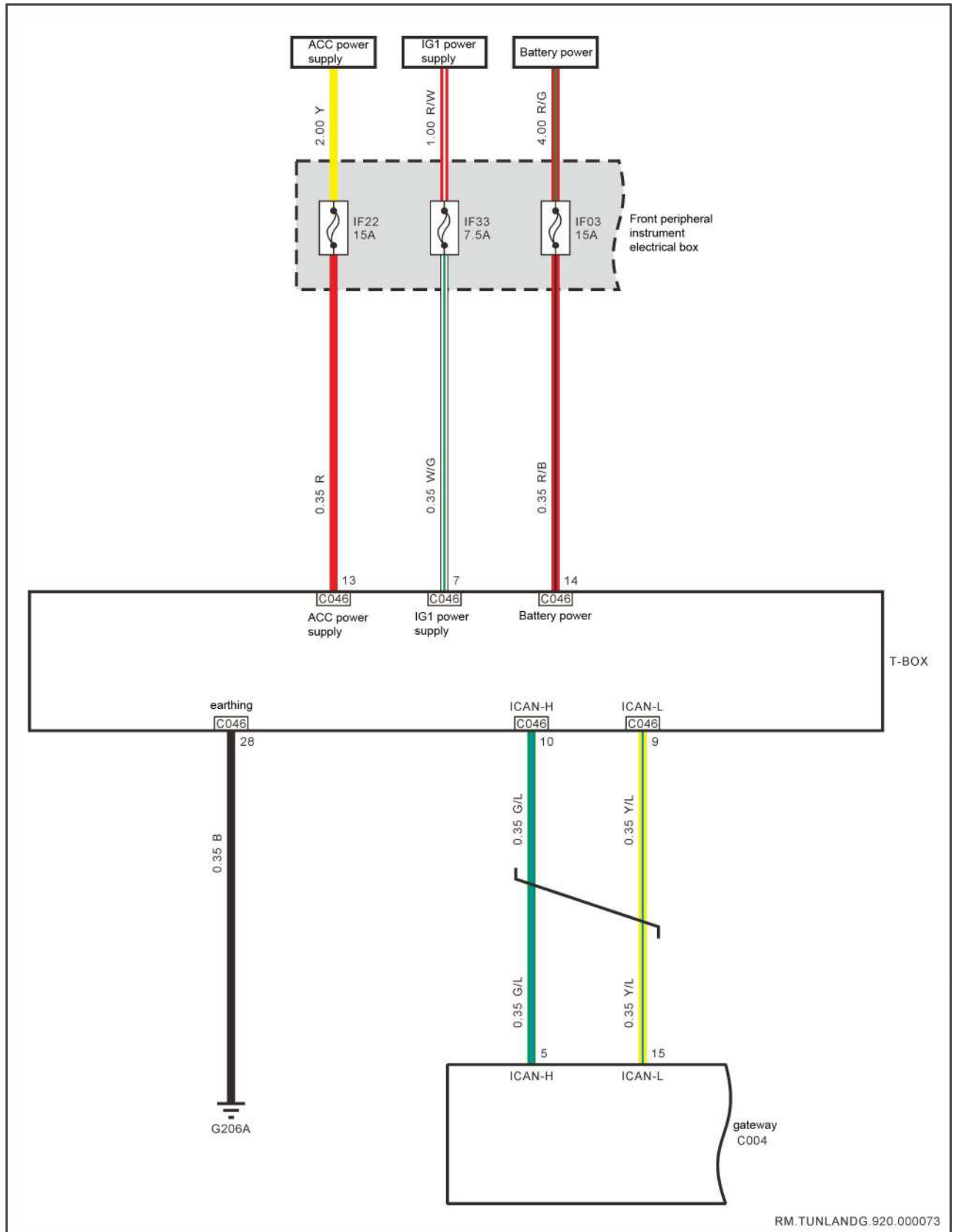
 : Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
F007	C038	This order Hanes and Frante Met Hannes(Inside the left side of the dashboard)

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G202	The inside of the lower shield of the left A-pillar	G206A	Instrument beam in the middle

T-BOX system(2G)



System description :

1. Battery power

Battery power provides battery power for the T-BOX system through fuselF03 in the front instrument electrical box to terminal 14 of the T-BOXC046.

2. IG1 power supply

IG1 power supply provides IG1 power supply to the T-BOX system via fuselF33 in the front instrument electrical box to terminal 7 of T-BOXC046.

3. ACC power supply

ACC power supply provides ACC power supply to the T-BOX system via fuselF22 in the front instrument electrical box to terminal 13 of T-BOXC046.

FL

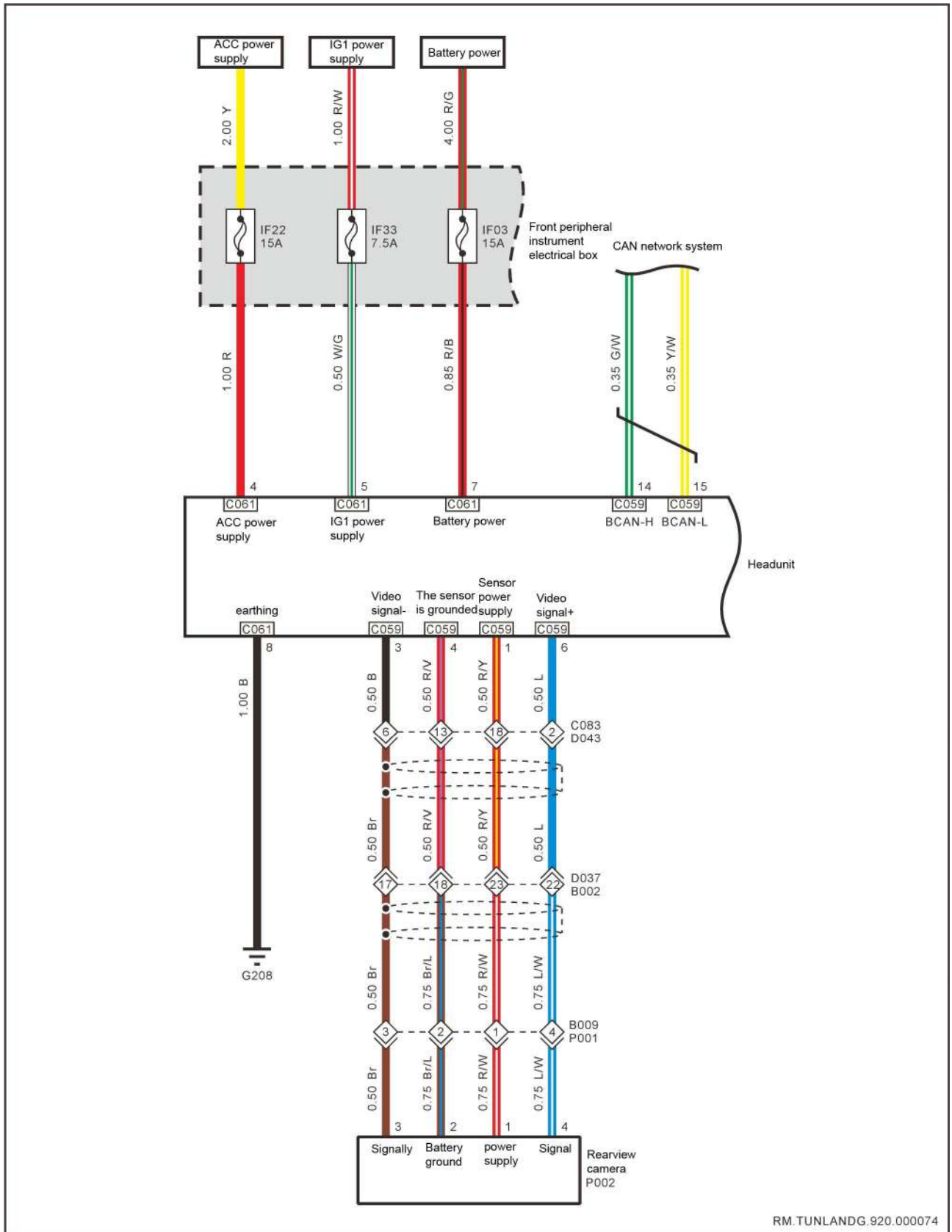
 : Part location

numbering	Reference harness	numbering	Reference harness
C004	Front meter harness	C046	Front meter harness

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G206A	Instrument beam in the middle	—	—

Reversing image system circuit diagram



System description :**1. System power**

- a. Battery power provides Battery power for the Reversing image system through terminals 7 and 8 earthing from fuselF03 to the audio host C061 in the front instrument electrical box.
- b. IG1 power supply provides IG1 power supply for the Reversing image system via terminal 5 from fuselF33 in the front peripheral instrument box to the head unit C061.
- c. ACC power supply provides ACC power supply for the Reversing image system via terminal 4 from fuselF22 in the front instrument box to the main unit C061.

2. How it works

- a. When the gear shift handle is placed in the R gear position, the reverse switch signal is sent to the BCM, the audio host receives the reverse signal from BCM through the CAN bus, and the audio host controls the rear reversing camera to power on, and the detection video signal is sent to the audio host, and the audio screen presents the rear visual image of the vehicle.

 : Part location

numbering	Reference harness	numbering	Reference harness
C059	Front meter harness	C061	Right front door harness
P002	Back door harness	—	—

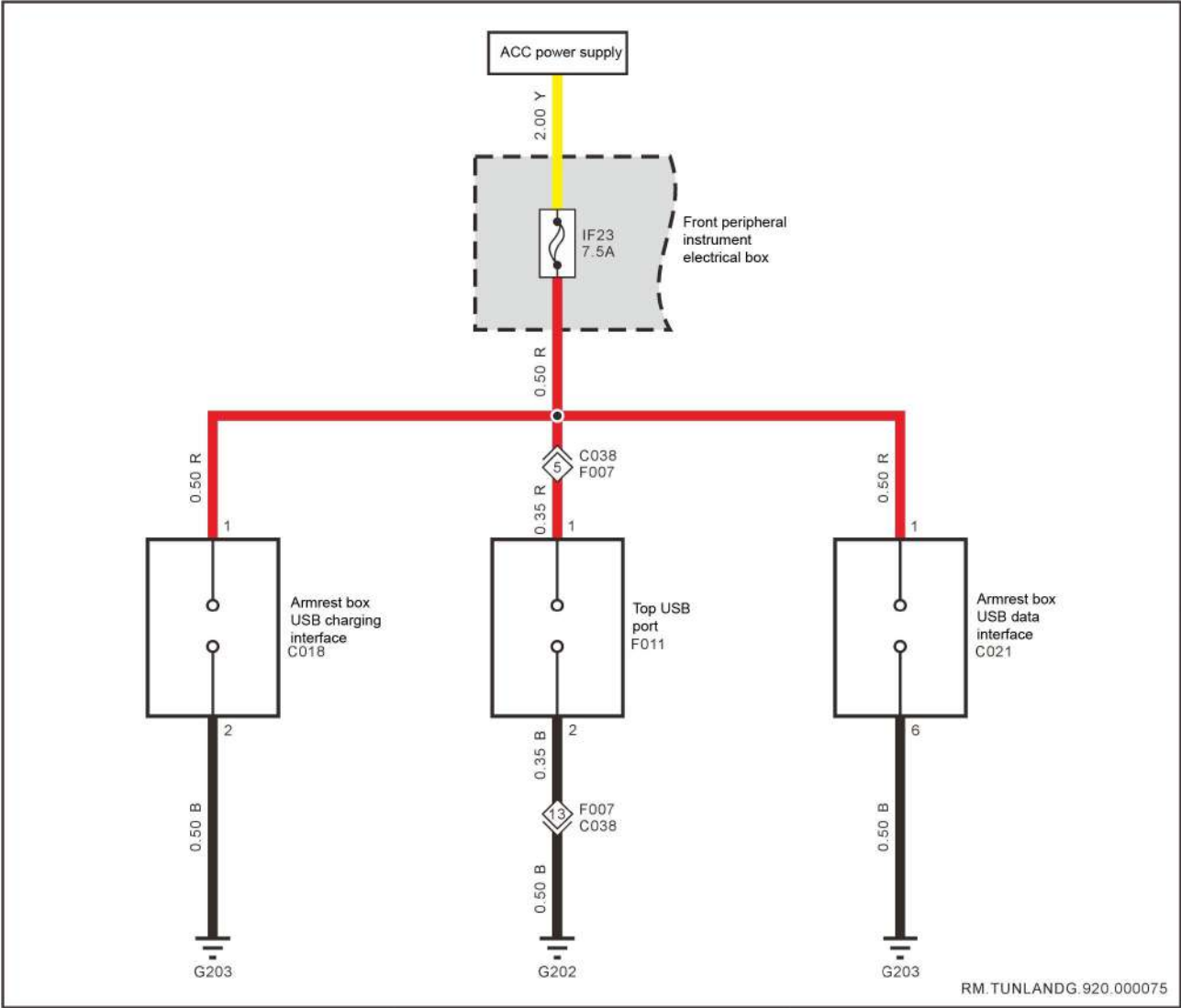
 : Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
D043	C083	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the right A-pillar)
B002	D037	Frame harness and floor harnesses(Under the main driver's seat)
B009	P001	Frame harness和Back door harness(Upper left of the back door)

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G208	The inside of the lower shield of the right A-pillar	—	—

Power outlet system
circuit diagram



System description :

The power supply is in the ACC power supply state, and the current passes through the fuse F23 in the front peripheral instrument electrical box, respectively to the No. 1 terminal of the armrest box USB charging interface C018, the No. 1 terminal of the top USB interface F011 and the No. 1 terminal of the handrail box USB data interface C021, plug in the USB plug, and the current is from the handrail box USB charging interface No. 2 terminal, the top USB interface No. 2 terminal, the armrest box USB data interface No. 6 terminal earthing.

 : Part location

numbering	Reference harness	numbering	Reference harness
C018	Front meter harness	C021	Front meter harness
F011	Ceiling harness	—	—

FL

 : Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
F007	C038	This order Hanes and Frante Met Hannes(Inside the left side of the dashboard)

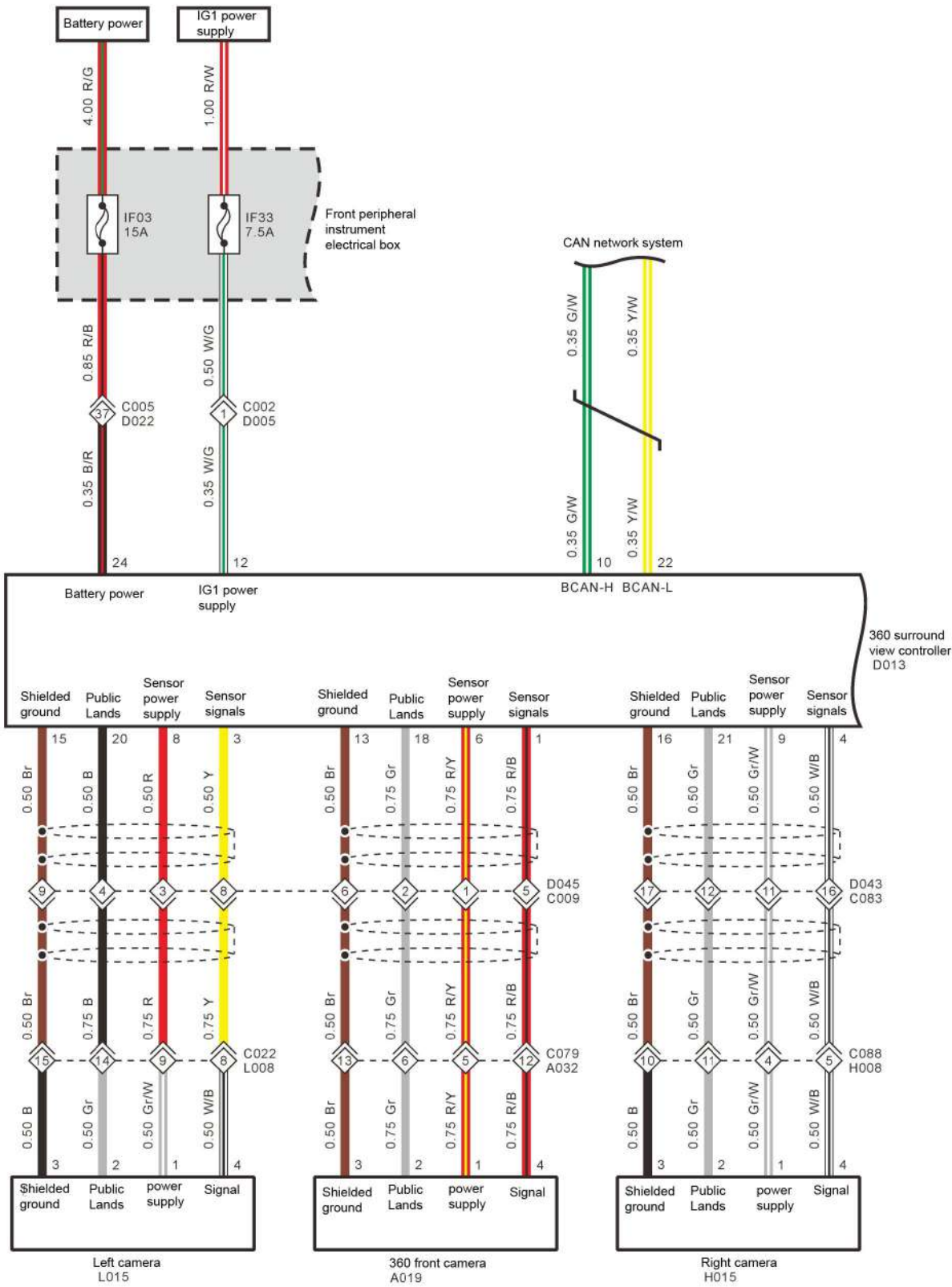
 : earthing

numbering	Earthing point location	numbering	Earthing point location
G202	The inside of the lower shield of the left A-pillar	G203	Instrument beam to the left

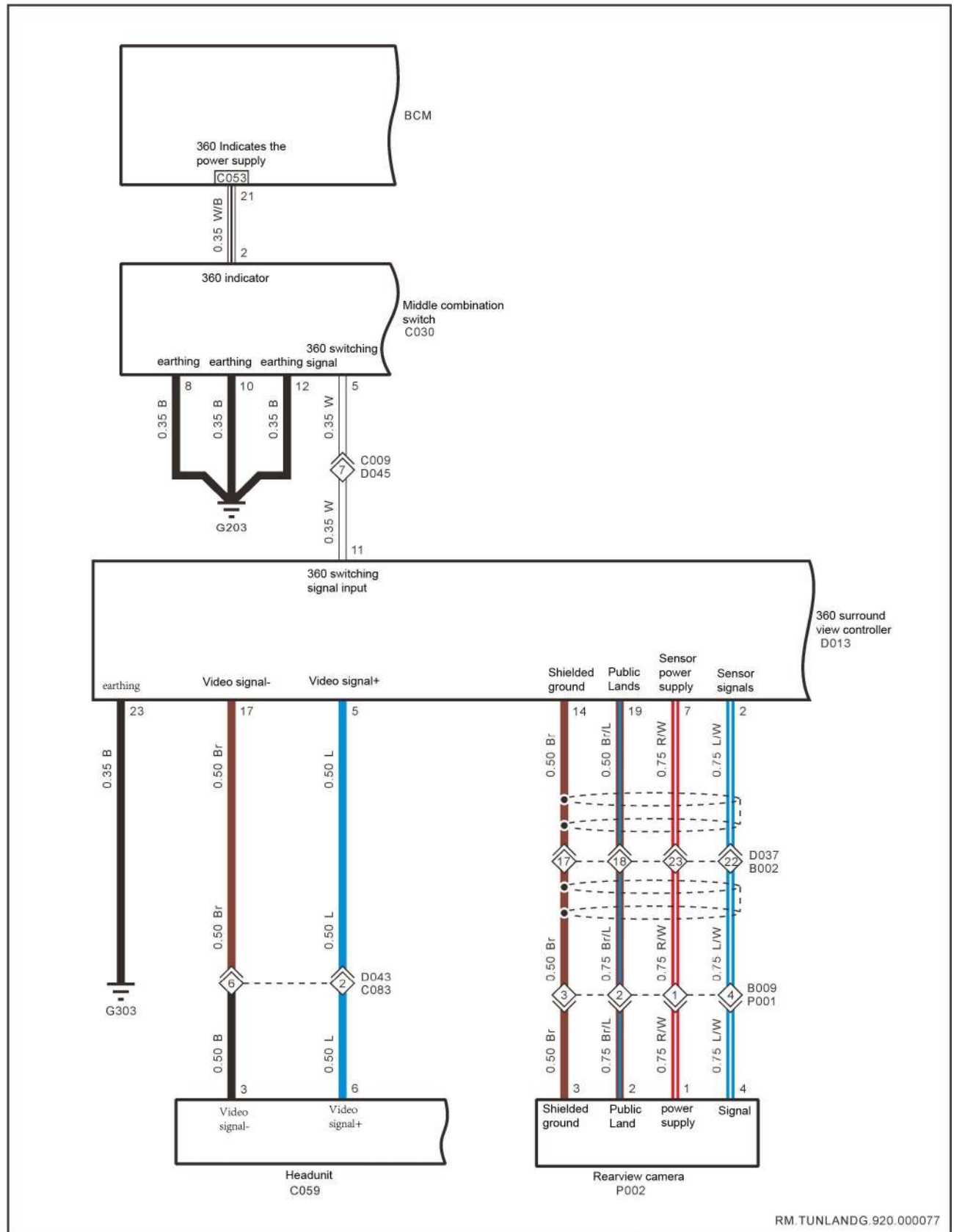
Panoramic image system

Panoramic image system1

FL



Panoramic image system2



System description :**1. System power**

- a. Battery power provides Battery power for the 360Panoramic image system through fuselF03 in the front instrument electrical box to terminal 24 and terminal 23 earthing of the 360 surround view controller D013.
- b. IG1 power supply provides trigger power for the 360Panoramic image system through fuselF33 in the front instrument box to terminal 12 of the 360 surround view controller D013.

2. How it works

- a. The vehicle's surroundings information is obtained through four cameras in the front, rear, left, and right of the vehicle, and then real-time image information is displayed through the on-board display screen that integrates 360-degree panoramic views around the vehicle. The panoramic surround view system adopts two ways: soft and hard switching; The panoramic surround view function can be turned on/off by the main interface of the multimedia display or the physical switch below.
- b. Press the middle combination switch 360 to open the button, the key switch signal is sent to the No. 2 terminal of the 360 surround view controller D013, the Panoramic image system is activated, the front/back/left/right four cameras respectively detect their own area real-time pictures are sent to the 360 surround view controller, the controller is sent to the audio host after image amplification, filtering and other processing, and the audio screen presents a viewable side or panoramic image picture according to the technology stitching.
- c. When the gear shift handle is placed in the R gear position, the reverse switch signal is sent to the BCM, the 360 surround view controller receives the reverse signal from the BCM through the CAN bus, and the rear reversing camera is powered on to send the detection video signal to the 360 surround view controller, and the large audio screen presents the rear visual image of the vehicle.

 : Part location

numbering	Reference harness	numbering	Reference harness
D013	Floor harnesses	L015	Left front door harness
A019	Front cabin wiring harness	H015	Right front door harness
C053	Front meter harness	C030	Front meter harness
C059	Front meter harness	P002	Back door harness



: Connectors between the harness and the harness

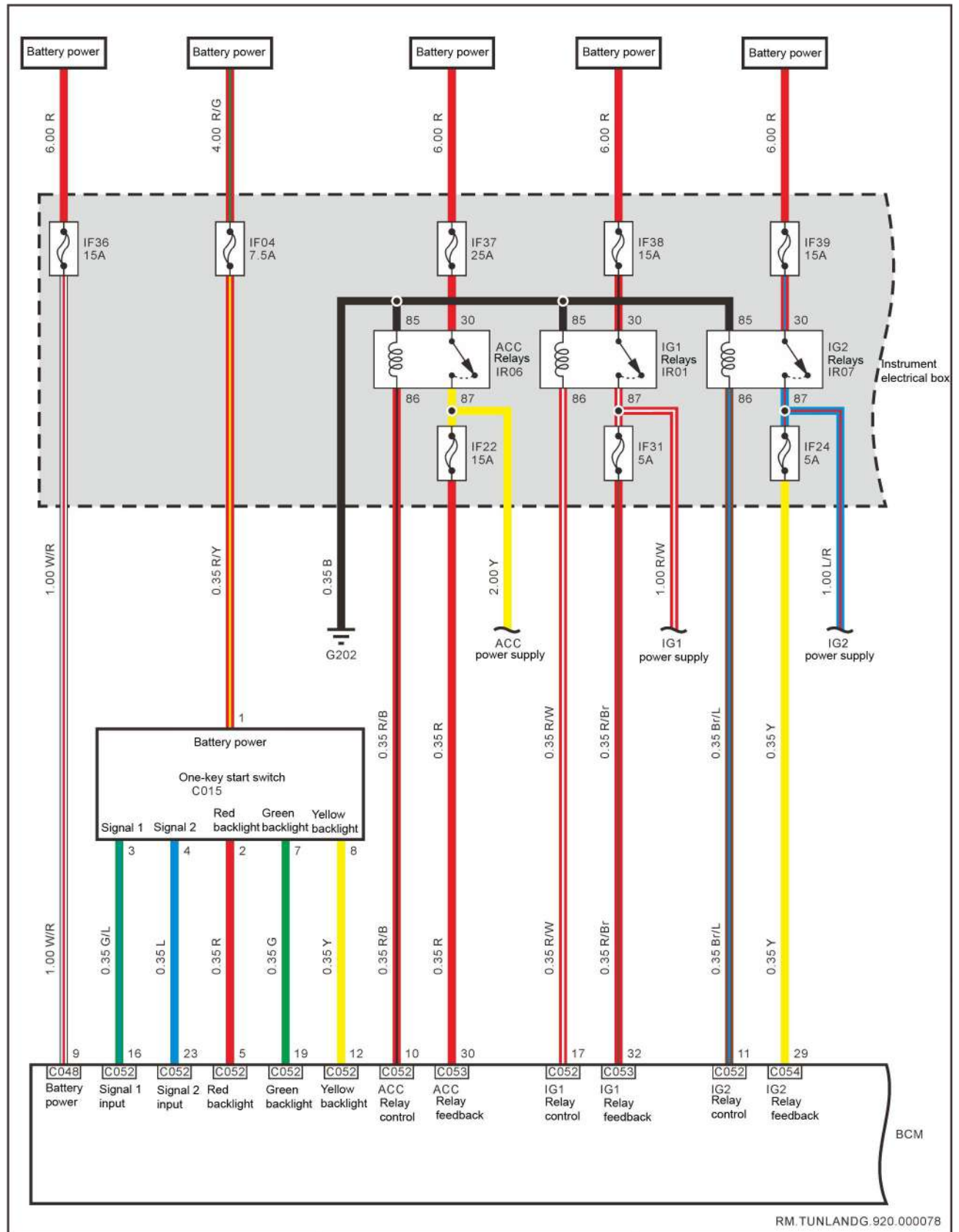
numbering	numbering	Reference harness(Connector location)
D022	C005	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the left A-pillar)
D005	C002	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the left A-pillar)
D045	C009	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the left A-pillar)
D043	C083	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the right A-pillar)
L008	C022	Left Fronte Dur Hanis and Frant Met Hanis(The inside of the lower shield of the left A-pillar)
A032	C079	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)
H008	C088	Wright Fronte Dulhanis and Fronte Mette Hannes(The inside of the lower shield of the right A-pillar)
B002	D037	Frame harness and floor harnesses(Under the main driver's seat)
B009	P001	Frame harness和Back door harness(Upper left of the back door)

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G203	Instrument beam to the left	G303	On the floor under the passenger seat

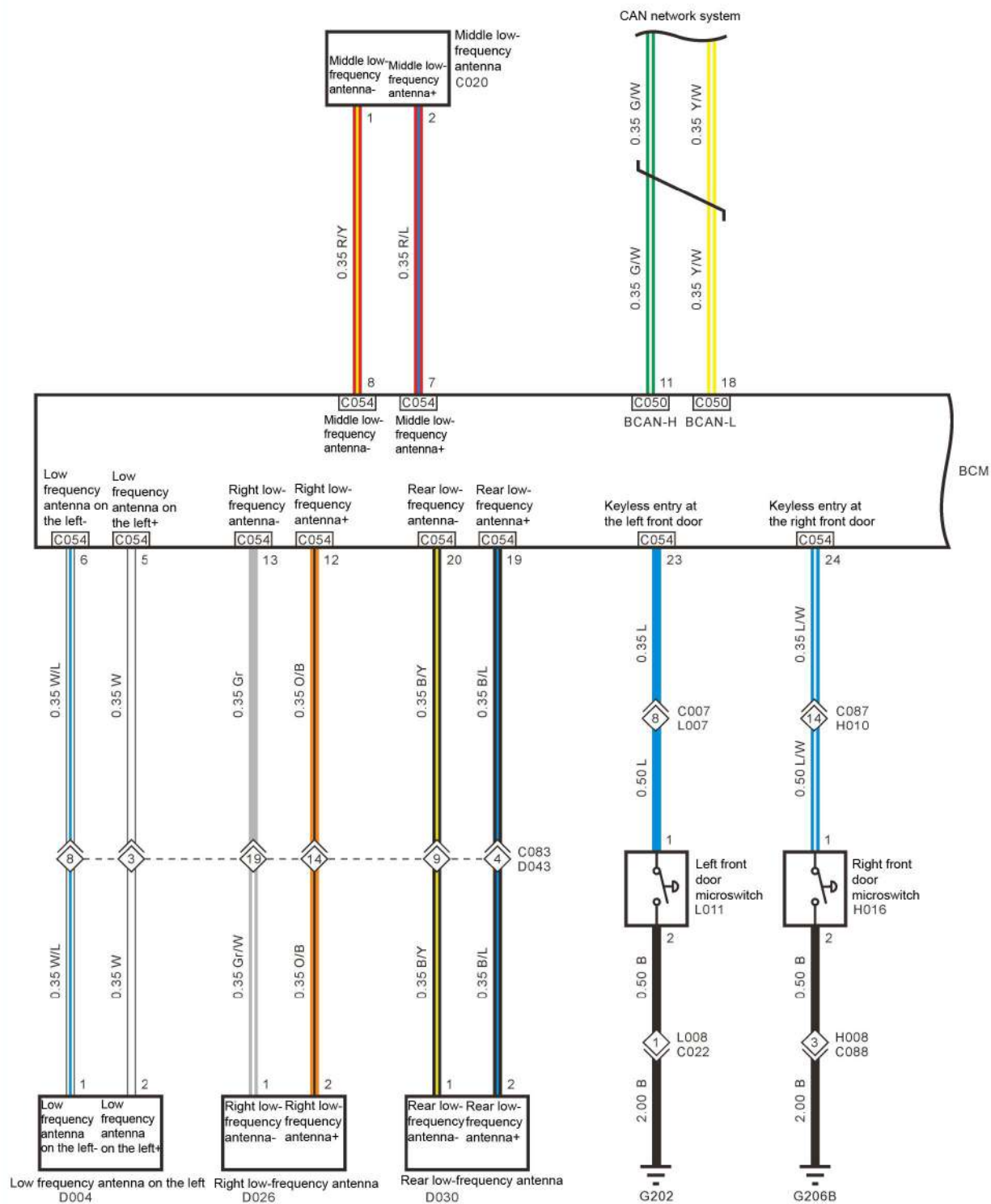
PEPS system

PEPS system1



PEPS system2

FL



System description :**1. System description**

The one-key start system is keyless entry and one-key start system, when the low-frequency antenna in the car detects the remote key fob, the control device in the car will activate the power system of the whole vehicle. When the starting conditions are met, the BCM controls the electronic steering lock to unlock and communicates with the ECU to jointly control the engine starting.

The one-button start system is mainly composed of BCM, one-key start switch, door low-frequency antenna, in-car low-frequency antenna, brake switch, ACCRelays, IG1Relays, IG2Relays, engine control system, starting system and electronic steering lock

2. Part description**a. One-button start switch assembly**

- After pressing the driver's one-button start switch, a pushbutton switch signal is transmitted to the BCM, which combines the switching signal to control the car's power supply, and there are three modes – OFF state, ACC power supply state and ON power state.
- When the key fob is out of charge, the key fob can authenticate against theft through the anti-theft coil and start the engine.

b. In-car antenna

- Indoor antennas include a middle antenna and a rear antenna.
- The indoor antenna receives the signal from the key fob and the BCM determines whether the key is legitimate and determines the location of the key.

c. BCM module

- The BCM module receives brake signals, gear signals, one-button start switch signals, and processes key authentication signals and door microswitch signals, so as to control each power supply state through Relays and control the engine start together with ECM

3. Keyless boot system functions

- a. Keyless entry.** Carry the key fob close to the driver's side or passenger side door handle to unlock or latch the door; When the remote control key is less than 1m away from the vehicle, press the micro switch on the door handle to unlock or lock all doors; When the four doors are closed and locked, press the door handle micro switch, and all doors are unlocked; When the four doors are closed and unlocked, press the door handle micro switch and all doors are locked.
- b. Normal startup.** When the clutch pedal is depressed or the brake pedal is pressed and the gearbox shift lever is in P or N gear, the indicator light on the one-button start switch turns green, and click the "Start-Stop" button to start the engine.
- c. Normal flameout.** After the vehicle stops, press the one-button start switch, and the vehicle turns off and returns to the power-off state.
- d. Turn off the engine while driving.** In the event of an emergency while the vehicle is moving, you can turn off the engine by pressing the push-button start switch for more than a few seconds or pressing the push-button start switch several times, at which point the power transitions to the ACC state.
- e. Start the engine in special cases.** With the key fob's battery depleted, press the brake pedal and place the key fob in the center of the sub-instrument cluster with the end of the key near the bottom of the central storage compartment and press the "Start/Stop" button to start the engine.

 : Part location

numbering	Reference harness	numbering	Reference harness
C015	Front meter harness	C048	Front meter harness
C052	Front meter harness	C053	Front meter harness
C054	Front meter harness	C050	Front meter harness
C020	Front meter harness	D004	Floor harnesses
D026	Floor harnesses	D030	Floor harnesses
L011	Left front door harness	H016	Right front door harness

FL

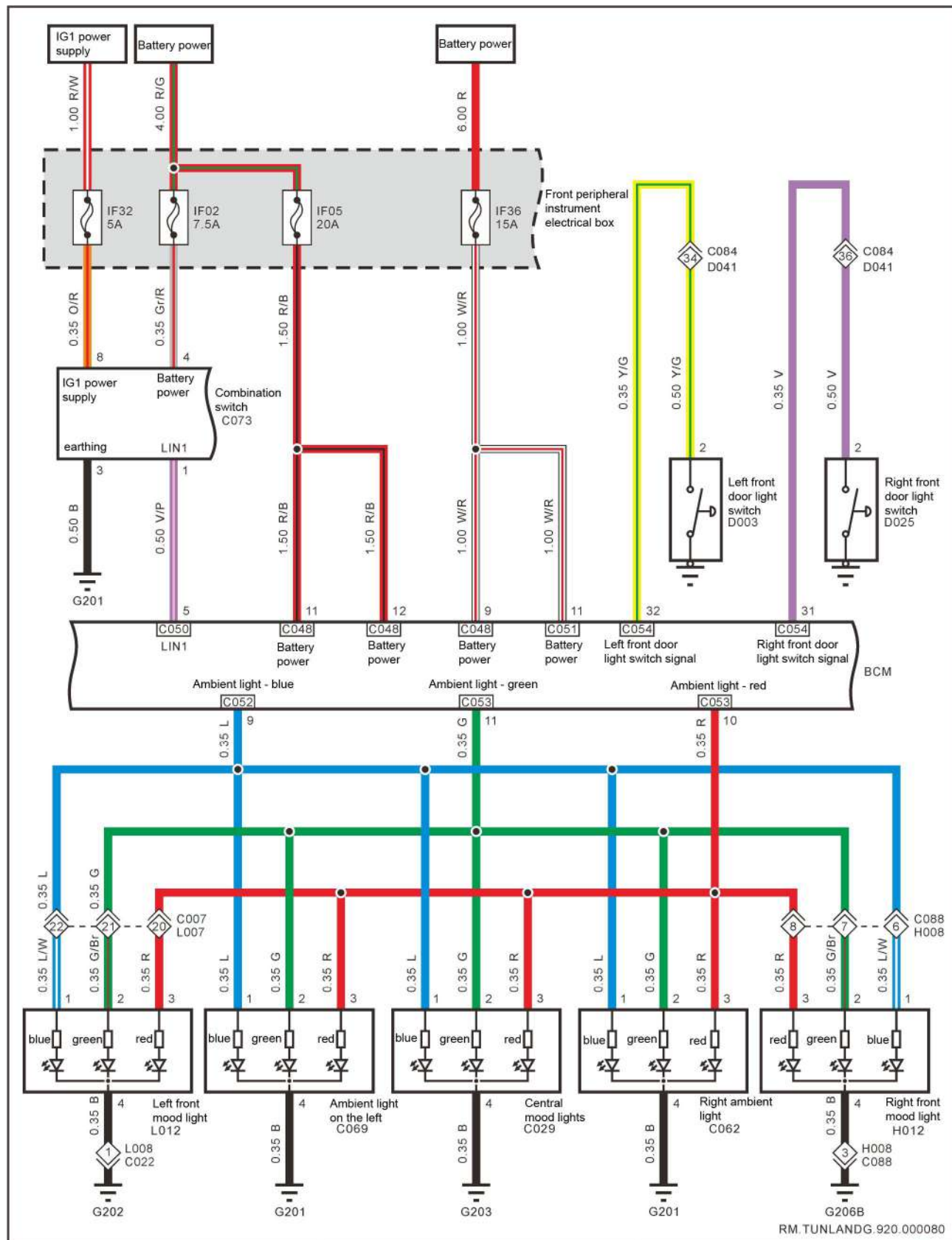
 : Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
D043	C083	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the right A-pillar)
L007	C007	Left Fronte Dur Hanis and Frant Met Hanis(The inside of the lower shield of the left A-pillar)
H010	C087	Wright Fronte Dulhanis and Fronte Mette Hannes(The inside of the lower shield of the right A-pillar)
L008	C022	Left Fronte Dur Hanis and Frant Met Hanis(The inside of the lower shield of the left A-pillar)
H008	C088	Wright Fronte Dulhanis and Fronte Mette Hannes(The inside of the lower shield of the right A-pillar)

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G202	The inside of the lower shield of the left A-pillar	G206B	Instrument beam in the middle

Ambient light system circuit diagram



System description :**1. Battery power**

The battery current is supplied to the ambient lamp through terminals 11 and 12 of the fuse F05 to BCMB connector C048 in the front instrument box.

2. Ambient light control

- a. The multimedia display allows the ambient light function to be turned on and the color to be set.
- b. When the combination switch is placed in the low beam or small light position, the No. 1 terminal of the combination switch signals the BCM through the LIN line, and the BCM control ambient light is lit.
- c. When the left front door or right front door is in the open position, the left front door light switch or the right front door light switch gives a signal to the BCM, and the BCM controls the ambient light to light up.

 : Part location

numbering	Reference harness	numbering	Reference harness
C048	Front meter harness	C050	Front meter harness
C051	Front meter harness	C052	Front meter harness
C053	Front meter harness	C054	Front meter harness
C029	Front meter harness	C062	Front meter harness
C069	Front meter harness	C073	Front meter harness
D003	Floor harnesses	D025	Floor harnesses
L012	Left front door harness	H012	Right front door harness

 : Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
D041	C084	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the left A-pillar)
L007	C007	Left Fronte Dur Hanis and Frant Met Hanis(The inside of the lower shield of the left A-pillar)
H008	C088	Wright Fronte Dulhanis and Fronte Mette Hannes(The inside of the lower shield of the right A-pillar)

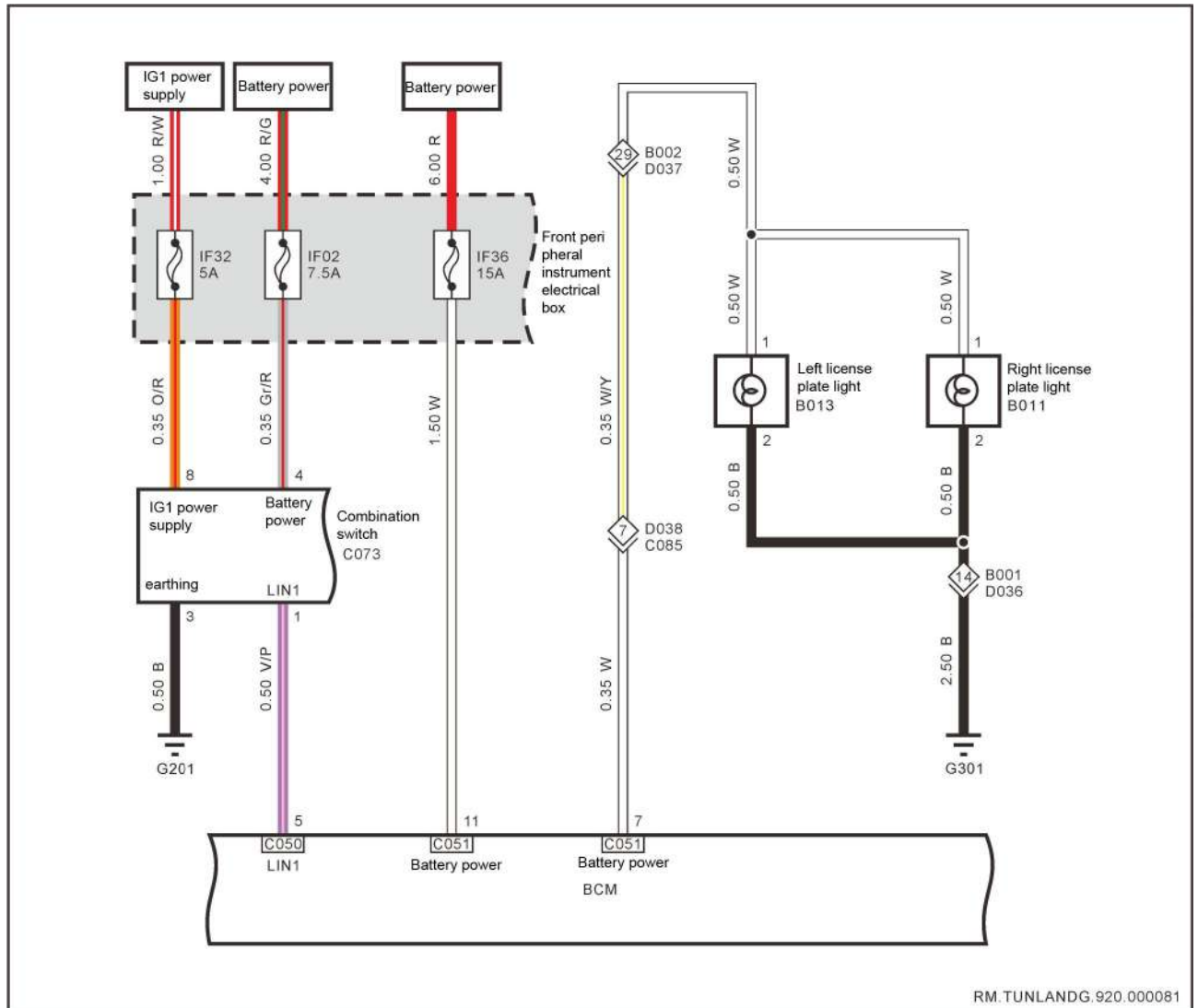
numbering	numbering	Reference harness(Connector location)
L008	C022	Left Fronte Dur Hanis and Frant Met Hanis(The inside of the lower shield of the left A-pillar)

 : earthing

FL

numbering	Earthing point location	numbering	Earthing point location
G201	The inside of the lower shield of the left A-pillar	G202	The inside of the lower shield of the left A-pillar
G203	Instrument beam to the left	G206B	Instrument beam in the middle

License plate light system circuit diagram



System description :

The battery current is passed through terminal 11 of the front peripheral instrument box fuse F36 to BCM/EC051 to provide power to the license plate lamp. When the combination switch is placed in the headlight position or small lamp position, the No. 1 terminal of the combination switch receives the small lamp switch signal through the LIN line to BCM/BCM, and after processing, the BCM outputs the power supply of the license plate lamp through the No. 7 terminal of the connector C051, and the No. 1 terminal of the left license plate lamp and the No. 1 terminal of the right license plate lamp are sent to the No. 1 terminal of the left license plate lamp and the No. 1 terminal of the right license plate lamp B011 respectively, and the license plate lights on both sides are lit.

FL
 : Part location

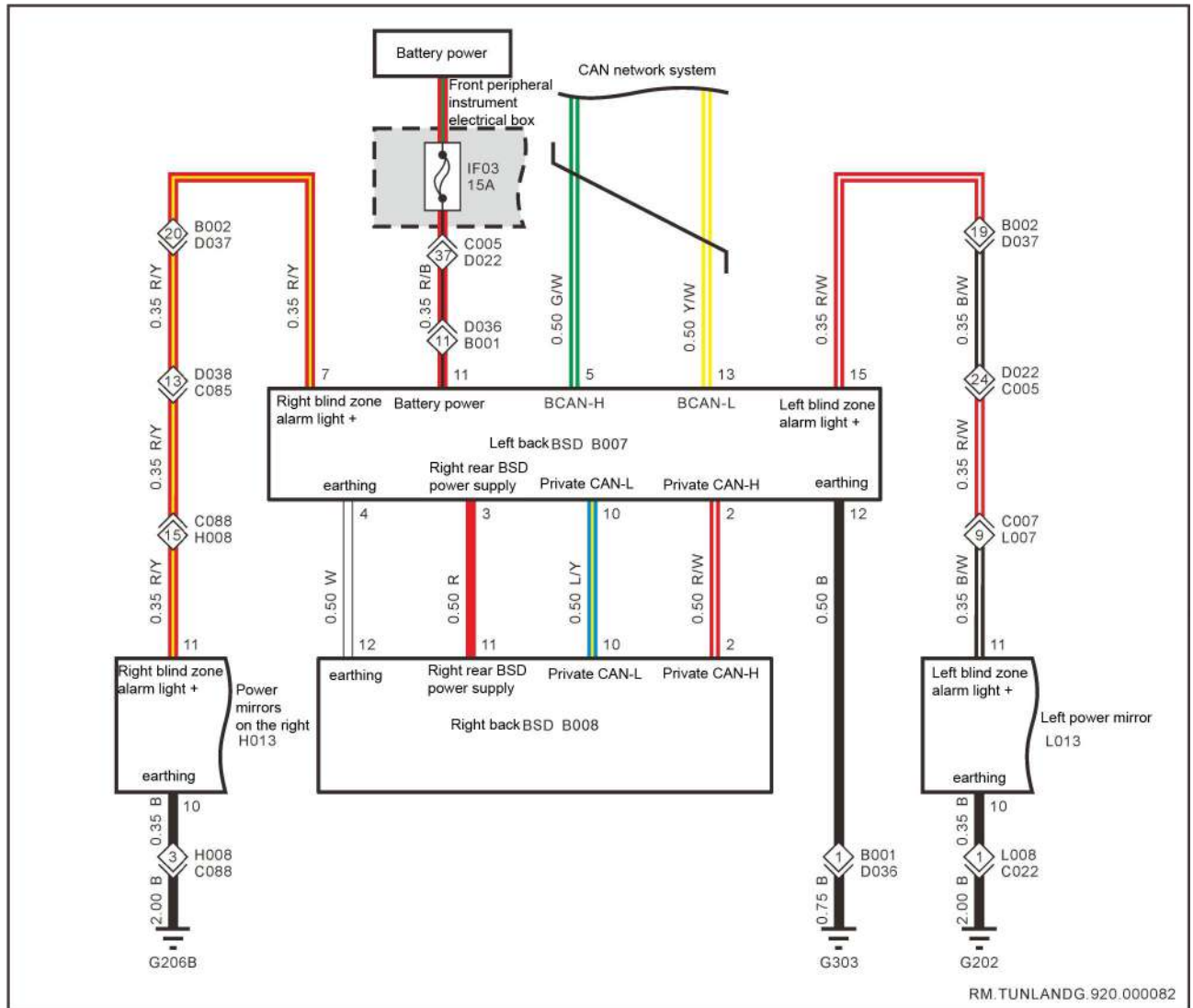
numbering	Reference harness	numbering	Reference harness
C050	Front meter harness	C051	Front meter harness
C073	Front meter harness	B011	Frame harness
B013	Frame harness	—	—

 : Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
D038	C085	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the right A-pillar)
B002	D037	Frame harness and floor harnesses(Under the main driver's seat)
B001	D036	Frame harness and floor harnesses(Under the main driver's seat)

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G201	The inside of the lower shield of the left A-pillar	G301	On the floor under the main driver's seat



System description :**1. Battery power**

The current passes through terminal 11 of fuselF03 in the front peripheral instrument electrical box to the left rear BSD controller B007, and through terminal 12 earthing of the left rear BSD controller, providing the working power supply for the Blind spot monitoring system. At the same time, the current is output from terminal 3 through the rear BSD controller on the left and sent to terminal 11 of the rear BSD controller on the right to provide power to the rear BSD controller.

2. How it works

- a. When the left rear BSD sensor detects that there is an obstacle or vehicle in the left blind zone of the vehicle, it reminds the user to pay attention to safe driving at the same time through sound and turn signal flashing, and the No. 15 terminal of the left rear BSD controller outputs an alarm signal to the left electric rearview mirror, and drives the left rearview mirror blind spot warning light to flash; At the same time, the left rear BSD controller outputs an alarm signal and sends it to the instrument through the BCAN bus, and drives the buzzer in the instrument to beep. When the left blind area of the vehicle is obstructed or the obstacle disappears, the system stops working, and the alarm light and buzzer do not work.
- b. When the right rear BSD sensor detects that there are obstacles or vehicles in the right blind zone of the vehicle, it reminds the user to pay attention to safe driving at the same time through sound and turn signal flashing, the right rear BSD controller sends an alarm signal through the CAN bus, to the left rear BSD controller terminals 2 and 10, after the internal processing of the BSD controller, the left rear BSD controller No. 7 terminal outputs the alarm signal to the right electric rearview mirror, driving the right rear mirror blind spot alarm light to light up; At the same time, the left rear BSD controller forwards the right blind zone alarm signal to the instrument through the BCAN bus, and drives the buzzer in the instrument to emit a beep sound. When the right blind spot of the vehicle is obstructed or the obstacle disappears, the system stops working, and the alarm light and buzzer do not work.

 : Part location

numbering	Reference harness	numbering	Reference harness
B007	Frame harness	B008	Frame harness
L013	Left front door harness	H013	Right front door harness

 : Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
B002	D037	Frame harness and floor harnesses(Under the main driver's seat)

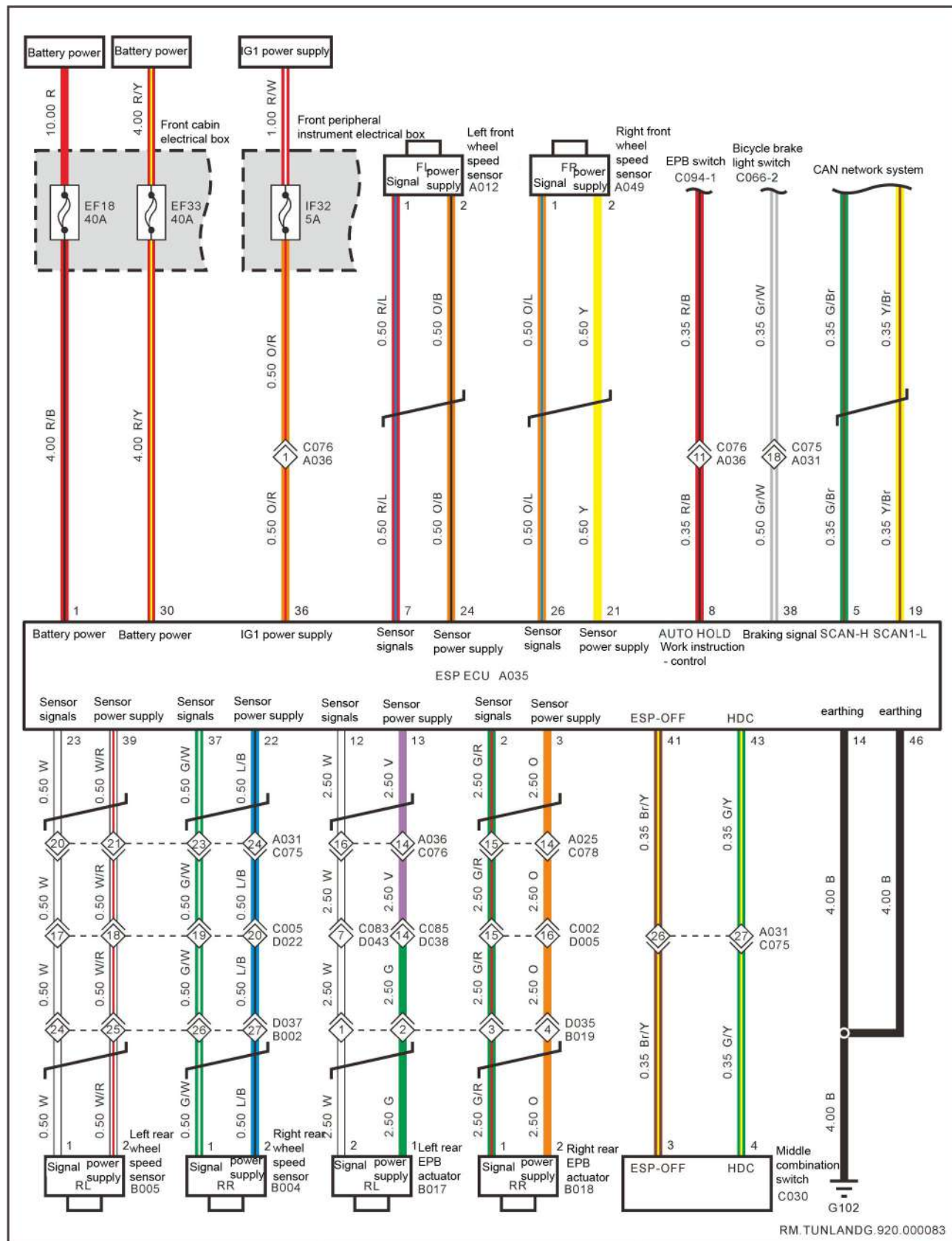
numbering	numbering	Reference harness(Connector location)
D038	C085	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the right A-pillar)
H008	C088	Wright Fronte Dulhanis and Fronte Mette Hannes(The inside of the lower shield of the right A-pillar)
D022	C005	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the left A-pillar)
L007	C007	Left Fronte Dur Hanis and Frant Met Hanis(The inside of the lower shield of the left A-pillar)
L008	C022	Left Fronte Dur Hanis and Frant Met Hanis(The inside of the lower shield of the left A-pillar)
B001	D036	Frame harness and floor harnesses(Under the main driver's seat)

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G202	The inside of the lower shield of the left A-pillar	G206B	Instrument beam in the middle
G303	On the floor under the passenger seat	—	—

Electronic stability system for the body

circuit diagram



System description :**1. System description**

The Electronic stability system for the body helps the vehicle maintain dynamic balance by analyzing the vehicle driving status information transmitted from each sensor, and then issuing correction instructions to ABS, EBD, etc. ESP allows the vehicle to maintain optimal stability in various conditions, especially in the case of oversteer or understeer.

2. Power input

Battery power provides power to the motor and each wheel speed sensor in the ESP controller through the fuse EF33 and EF18 in the engine compartment electrical box, respectively to terminals 30 and 1 of ESPECUA035, and terminals 14 and 46 of ESPECUA035, respectively, to provide power to the motor and each wheel speed sensor in the ESP controller, and the middle combination switch outputs the ESPOFF signal to terminal 41 of the ESPECUA035, and the ESP function is turned off.

3. Wheel speed signal

The wheel speed signal is provided by four wheel speed sensors: the left front wheel speed sensor, the right front wheel speed sensor, the left rear wheel speed sensor, and the right rear wheel speed sensor.

4. Driving brake signal

When the brake pedal is pressed, the ESPECU module receives the brake signal sent by the brake switch and enters the service brake signal.



: Part location

numbering	Reference harness	numbering	Reference harness
A012	Engine compartment wiring harness	A035	Engine compartment wiring harness
A049	Engine compartment wiring harness	B004	Frame harness
B005	Frame harness	B017	Frame harness
B018	Frame harness	C030	Front meter harness



: Connectors between the harness and the harness

numbering	numbering	Reference harness(Connector location)
A036	C076	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)
A031	C075	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)

FL

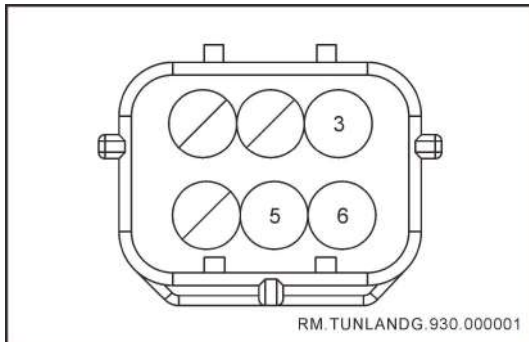
numbering	numbering	Reference harness(Connector location)
D022	C005	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the left A-pillar)
B002	D037	Frame harness and floor harnesses(Under the main driver's seat)
D038	C085	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the left A-pillar)
D005	C002	Floor wiring harnesses and Front meter harness(The inside of the lower shield of the left A-pillar)
A025	C078	Njincompat Ment, Willinghanes and Frante Met Hanis(Inside the left side of the dashboard)
B019	D035	Frame harness and floor harnesses(Under the main driver's seat)

 : earthing

numbering	Earthing point location	numbering	Earthing point location
G102A	Right side of the forward cabin	G102B	Right side of the forward cabin

Harness connector information

Engine compartment wiring harness

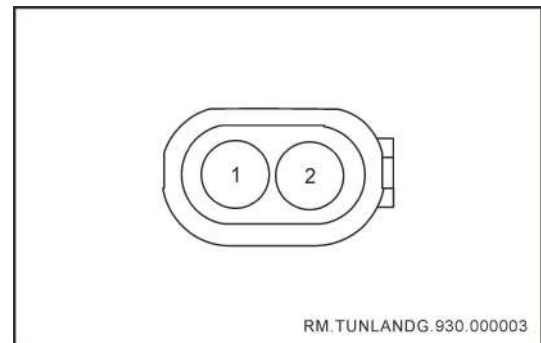


174264-2TE

A001 connected to the Front bumper harness assembly

Ter- minal number	Wire diam- eter/c- olor	function
1	—	—
2	—	—
3	0.50W/ G	Front radar IG1 power supply
4	—	—
5	0.50B	earthing
6	0.50V/ P	LIN1

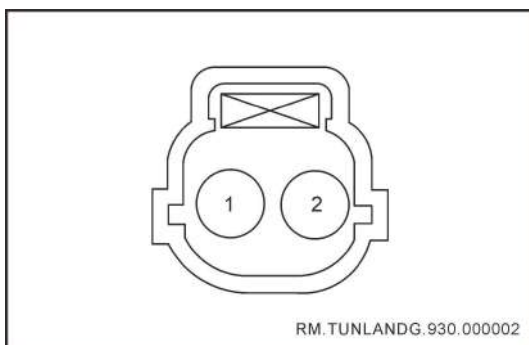
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50B	earthing
2	0.50G	Wash signal



7183-7725-40YAZAKI

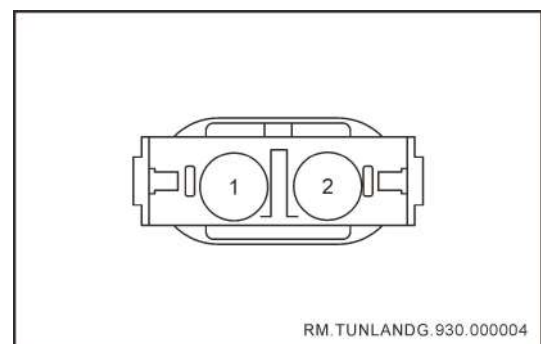
A005 connected to brake level alarm sensor

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50G/ R	Brake level alarm sensor signal
2	0.50B	earthing



DJ70216Y-2.2-21/28 into CZT

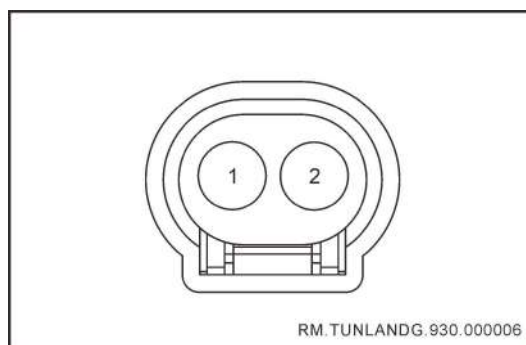
A002 is connected to the washing motor



MG652520-5KET

A007 connected to the left front fog lamp

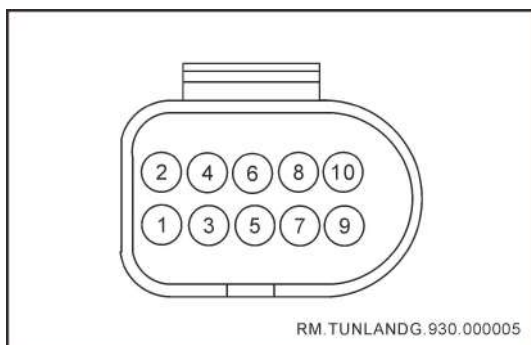
Ter- minal number	Wire diam- eter/c- olor	function
1	0.75W	Front fog lamp power supply
2	0.75B	earthing



1-967644-1TE

A012 Connect the left front wheel speed sensor

FL

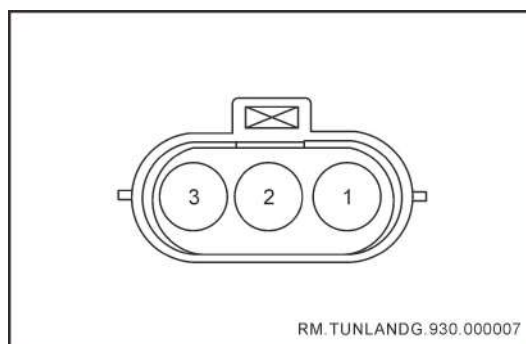


493577-1TE

A011 is connected to the left front combination light

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50R/L	Signal
2	0.50O/ B	power supply

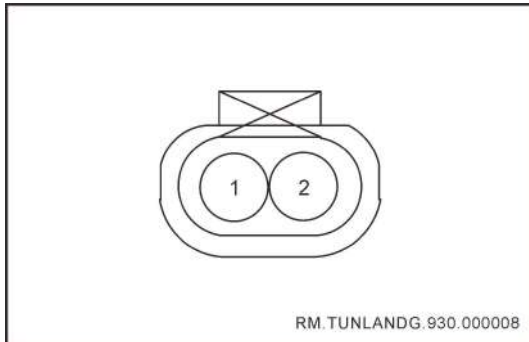
Ter- minal number	Wire diam- eter/c- olor	function
1	0.35Y/ R	Dimming motor power supply
2	0.35G	Dimming motor signals
3	0.35B	Dimming motor earthing
4	0.75B	High beam, position light earthing
5	0.35L	Position light power supply
6	0.75V	Auxiliary high beam power supply
7	0.75Y/ R	Low beam power supply
8	0.75B	Dipped beam earthing
9	0.35G/ W	Turn signal power supply
10	0.35B	Turn signals earthing



7283-5880-10YAZAKI

A013 is connected to the brake Pressure sensor

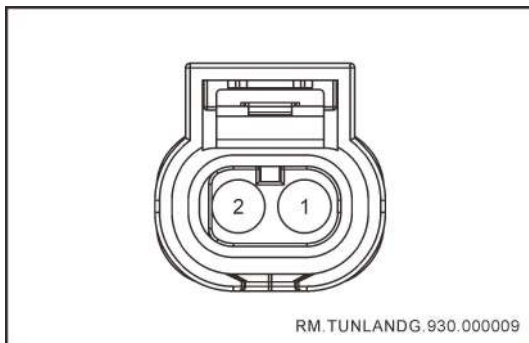
Ter- minal number	Wire diam- eter/c- olor	function
1	0.35W	Brake Pressure sensor Signal
2	0.35B	sensor earthing
3	0.35R/L	sensor power supply



PP0413902THB

A014 connects to the left front daytime running lights

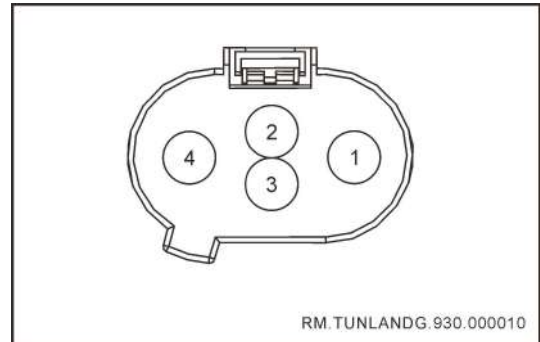
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50B	earthing
2	0.50G/ R	Daytime running lights power supply



2-1718643-1TE

A015 is connected to the left front collision sensor

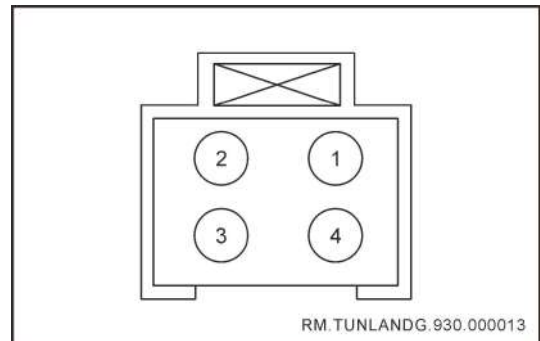
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50Y/ O	Left front collision sensorSignal
2	0.50Y/ R	sensorearthing



F004200FCI

A017 connected brushless electronic fan

Ter- minal number	Wire diam- eter/c- olor	function
1	8.00R/ W	Battery power
2	0.75R	Emergency mode control
3	0.75G	PWMSignal
4	8.00B	earthing

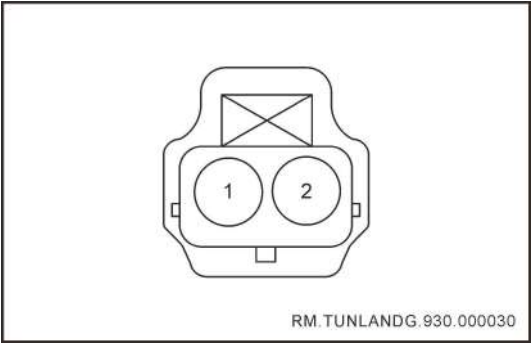


DJ7044Y-2.2-21CZT

A019 connected to 360 front camera assembly

Ter- minal number	Wire diam- eter/c- olor	function
1	0.75R/ Y	Forehead Power supply
2	0.75Gr	Front camera power Supplyland
3	0.50Br	Front camera Signal

Ter-minal number	Wire diam-eter/c-olor	function
4	0.75R/B	Front camera Signal



184002 - 1TE

A020 connected to the cooling temperature sensor

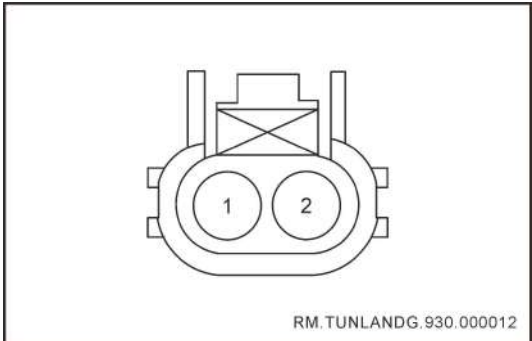
Ter-minal number	Wire diam-eter/c-olor	function
1	0.35B/W	Sensorially
2	0.35W/L	sensorSignal



6189-0504SUM

A021 connected front windscreen wiper assembly

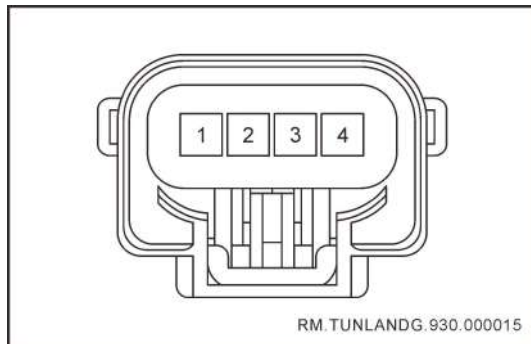
Ter-minal number	Wire diam-eter/c-olor	function
1	—	—
2	0.35B/R	Reset Signal
3	1.50Y	High-speed power supply
4	1.50B	earthing
5	1.50R/Y	Low-speed power supply



DJ70218Y-2.2-21/28into CZT

A022 is connected to the front hatch contact switch

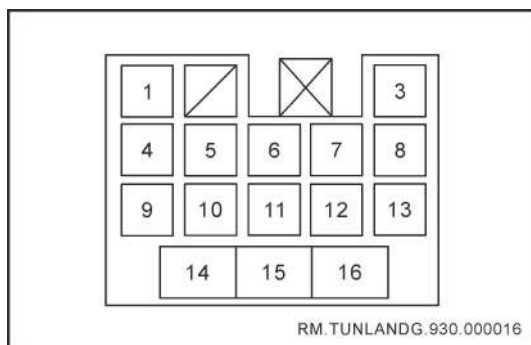
Ter-minal number	Wire diam-eter/c-olor	function
1	0.50P/B	Front hatch contact switch Signal
2	0.50B	earthing



54550410FCI

A024 connected to instrument harness 7

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50Y/ O	Left front collision sensorSignal
2	0.50Y/ R	Left front collision sensorearthing
3	0.50B/ O	Right front collision sensorSignal
4	0.50B/ R	Right front collision sensorearthing

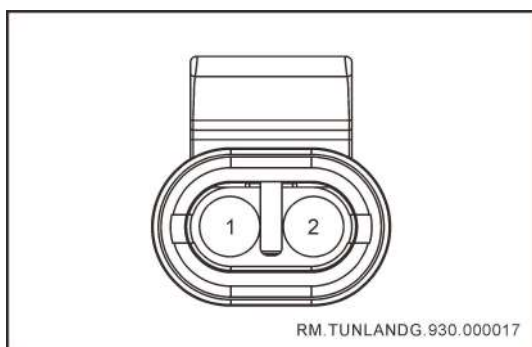


MG612391-5KET

A025 connected to instrument harness 8

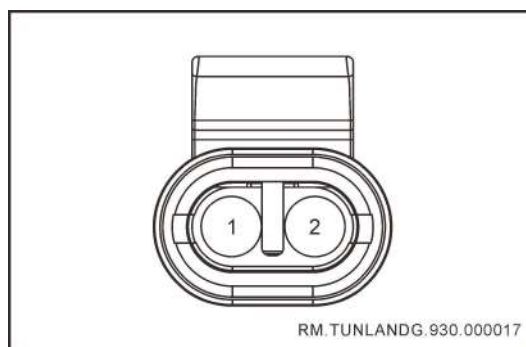
Ter- minal number	Wire diam- eter/c- olor	function
1	0.75G	Oil solenoid valve
2	—	—

Ter- minal number	Wire diam- eter/c- olor	function
3	0.35L- g/Y	Fuel temperature sensorearthing
4	1.00P	Urea supply pump power supply
5	1.00Gr	Urea supply pump power supply
6	1.00L	Urea recovery pump earthing
7	0.50L	SCR temperature sensorearthing
8	0.50L/B	SCR temperature sensorearthing
9	0.75V	Exhaust back pressure valve control 1
10	0.75Y	Exhaust back pressure valve control 2
11	1.00Br	The urea tank heats the power supply
12	0.50O	Warm up the controller DI
13	0.50P	Warm up the controller ST
14	2.50O	Right rear EPB actuator power supply
15	2.50G/ R	Right rear EPB actuator Signal
16	0.50Y/ O	Oil water sensor



282080-1TE

A026 connected to the tweeter



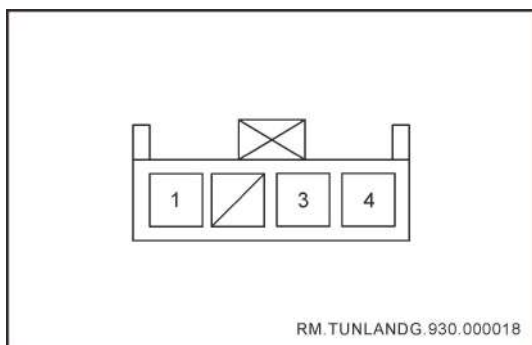
282080-1TE

A028 connected to the woofer

FL

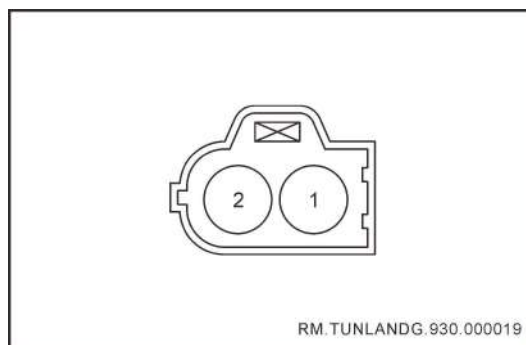
Ter- minal number	Wire diam- eter/c- olor	function
1	0.75G	Horn power supply
2	0.50B	earthing

Ter- minal number	Wire diam- eter/c- olor	function
1	0.75G	Horn power supply
2	0.50B	earthing



MG651926KET

A027 is connected to instrument harness 6

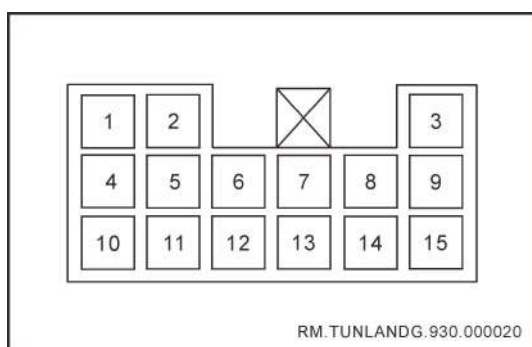


7283-7028-30YAZAKI

A029 connected to the outdoor temperature sensor

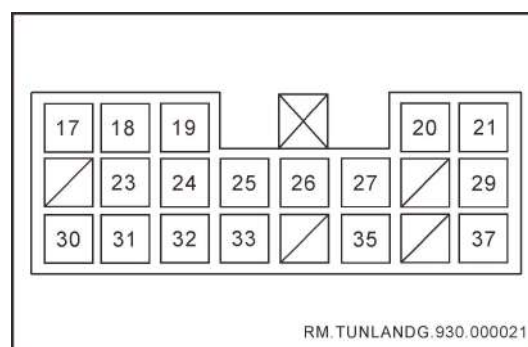
Ter- minal number	Wire diam- eter/c- olor	function
1	6.00R	Instrument fuse box POWER supply1
2	—	—
3	6.00R/ B	ECULord Relays outputs power supply
4	4.00R/ G	Relays outputs power supply2

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50B	earthing
2	0.50R/ W	Outdoor temperature sensorSignal



MG651068-2KET

A030 connected to instrument harness 5



MG611987KET

A031 is connected to instrument harness 1

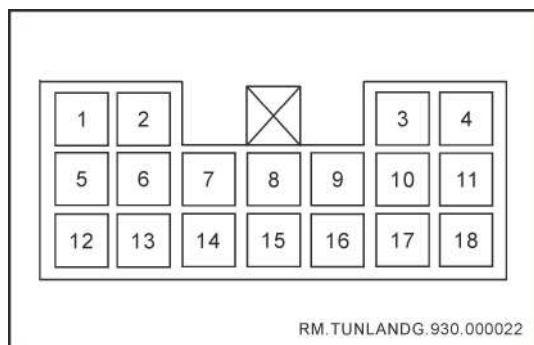
FL

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35Y/ R	Light level adjustment power supply
2	0.35W/ G	IG1 power supply-radar
3	0.35G	Dimming motor signals
4	0.35V/ P	LIN1 - Front radar
5	0.50Br	Engine LIN
6	0.35B/ O	Start the relaypower supply
7	0.35L/R	Start the relayearthing
8	0.50R/ G	earthing
9	0.50R/ G	Daytime running lights
10	0.35Y	EPB pulls up Signal input
11	0.35Lg	EPB releases Signal input
12	0.35Br	Pull up Signal
13	0.35W	Release Signal
14	0.35P	AUTOHOLD switching output
15	0.35L	Front position light

Ter- minal number	Wire diam- eter/c- olor	function
17	0.35B- r/Y	Oil pressure switch
18	0.50G- r/W	Braking Signal
19	0.35R/ B	Charging indication
20	0.50W	Left rear wheel speed sensorSignal
21	0.50W/ R	Left rear wheel speed sensorpower supply
22	—	—
23	0.50G/ W	Right rear wheel speed sensorSignal
24	0.50L/B	Right rear wheel speed sensorpower supply
25	0.75G	PWMSignal
26	0.35B- r/Y	ESP-OFF
27	0.35G/ Y	HDC
28	—	—
29	0.35G	Wiper low-speed control
30	0.35B/ R	Wiper stop signal

FL

Ter- minal number	Wire diam- eter/c- olor	function
31	0.50G	Wiper washing
32	0.50R/ W	Outside temperature Signal
33	0.50G/ R	Brake level alarm
34	—	—
35	0.50P/ B	Cabin cover contact Signal
36	—	—
37	0.35Y/ R	Wiper high-speed control

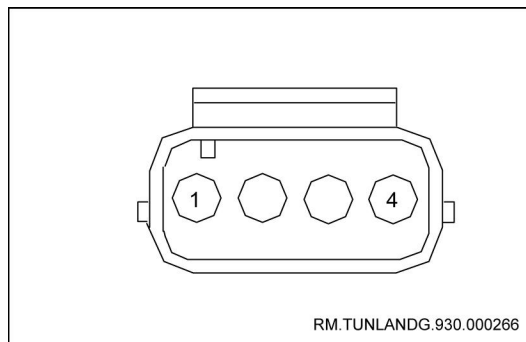


MG651575KET

A032 is connected to instrument harness 4

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50O	Back pressure valve position sensorpower supply
2	0.50L- g/R	Fuel temperature sensorSignal
3	0.35W/ L	Temperature sensorSignal after intercooling
4	0.35P	Lord Relays control

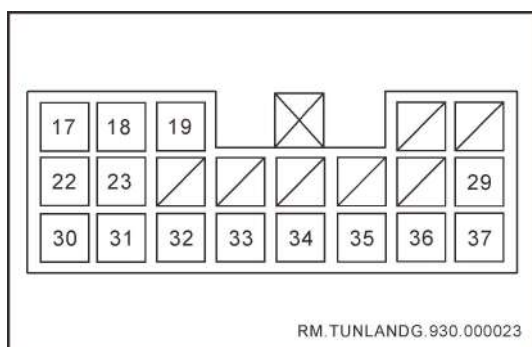
Ter- minal number	Wire diam- eter/c- olor	function
5	0.75R/ Y	Front camera power supply
6	0.75Gr	Front camera power Supplyland
7	0.35B/ W	Intercooled after temperature sensoriously
8	0.35W/ R	Right dipped beam control
9	0.35W/ V	Fog light control
10	0.35B/ G	Right turn signal
11	0.35G	Left turn signal
12	0.75R/ B	Front camera Signal
13	0.50Br	Front camera Signally
14	0.50L- g/Y	Back pressure valve position sensorearthing
15	0.35L	Back pressure valve position Signal
16	0.35O	High beam control
17	0.35V/ R	Dipped beam control
18	0.35R	Horn control



1 - 1718645 - 1 TE

A033 Boost pressure sensor

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 G	Sensor 1 signal
2	0.50 O	Sensor 2 signal
3	0.50 G/B	Sensor 2 ground
4	0.50 V/G	Sensor 1 ground

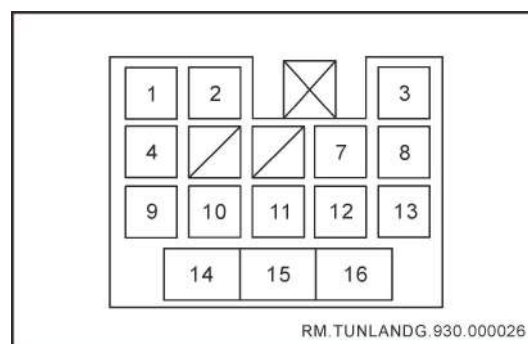


MG611987-5KET

A034 connected to instrument harness 3

Ter- minal number	Wire diam- eter/c- olor	function
17	0.35B- r/G	Air flow meter Signal1 - DO1
18	0.35B- r/L	Air flow meter temperature 2 - DO1
19	0.35Y	IG2power supply-Diesel heats Relays
20	—	—
21	—	—
22	0.35B- r/Y	Air flow meter Signa l3 - DO1
23	0.35B/ R	Air flow meter Signa l4 - D01
24	—	—

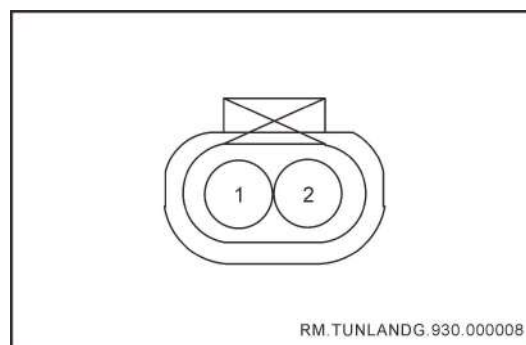
Ter- minal number	Wire diam- eter/c- olor	function
25	—	—
26	—	—
27	—	—
28	—	—
29	0.35Y/ R	DCAN-L
30	0.35Sb	Differential Pressure sensor Signal
31	0.35G	Differential Pressure sensor ially
32	0.35G- r/B	Differential Pressure sensor power supply
33	0.75P	The urea tube heats the power supply
34	0.50W/ B	Urea mass temperature Sensorially
35	0.35W/ R	Urea mass temperature sensorSignal
36	0.35R	Start feedback
37	0.35G/ R	DCAN-H



MG612391KET

A036 connected to instrument harness 2

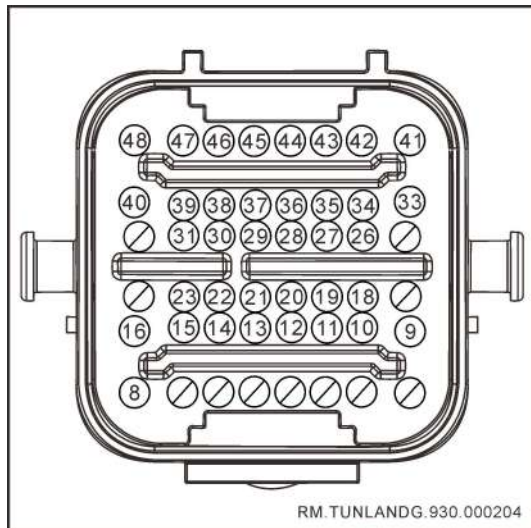
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50O/ R	IG1 power supply
2	0.50R	Lord Relays outputs power supply-ECU
3	0.35V	Oil pump control
4	0.35Y- /Br	SCAN-L
5	—	—
6	—	—
7	0.35Y- /Br	SCAN-L
8	0.50O/ B	High and low voltage switch Signal
9	0.35G- /Br	SCAN-H
10	0.35B/ Y	Compressor control
11	1.50B/ R	AUTOHOLD Work Instruction – Control
12	0.35G- /Br	SCAN-H
13	0.50B/ V	Medium voltage switch Signal
14	2.50V	EPB actuator Signal
15	1.50R/ Y	Oil pump power supply
16	2.50W	EPB actuator power supply



PP0413902THB

A037 connects to the front right daytime
running lights

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50B	earthing
2	0.50G/ R	Daytime running lights power supply



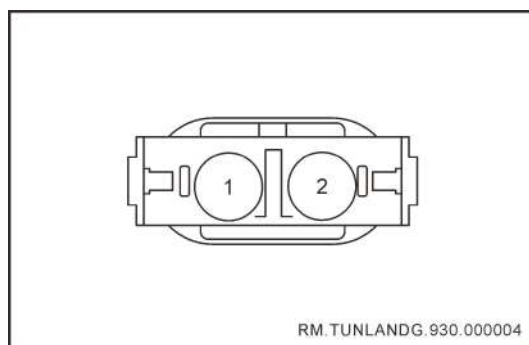
936780 - 2TE

A038 is connected to Engine wiring harness—

Ter- minal number	Wire diam- eter/c- olor	function
1	—	—
2	—	—
3	—	—
4	—	—
5	—	—
6	—	—
7	—	—
8	2.00R	Starter excitation
9	2.50R/ B	Differential Pressure sensor ially
10	1.0Y/R	Former oxygen sensor power supply
11	0.50Br	Engine LIN
12	0.35O	Back pressure valve position sensing power supply
13	0.75Y	Motor negative pole
14	0.75V	Motor positive electrode

Ter- minal number	Wire diam- eter/c- olor	function
15	0.35W	Pressure sensor Signal (ESP)
16	0.75B	earthing
17	—	—
18	0.50B- r/W	Ambient temperature sensorearthing
19	0.75G	Oil solenoid valve
20	0.35V/ W	Cooling water pump Signal
21	0.50L	Back pressure valve position Signal
22	0.35B	Pressure sensor earthing (ESP)
23	0.35R	Pressure sensor power supply (ESP)
24	—	—
25	—	—
26	0.50R/ W	Ambient temperature sensorSignal
27	0.35R/ B	Generator Charging indication
28	0.35G- r/B	Differential Pressure sensor power supply
29	0.35G	Differential Pressure sensor earthing
30	0.35S/ B	Differential Pressure sensor output
31	0.35W/ G	DOC temperature exhaust sensorSignal
32	—	—
33	1.50R/ G	Glow plug 4power supply

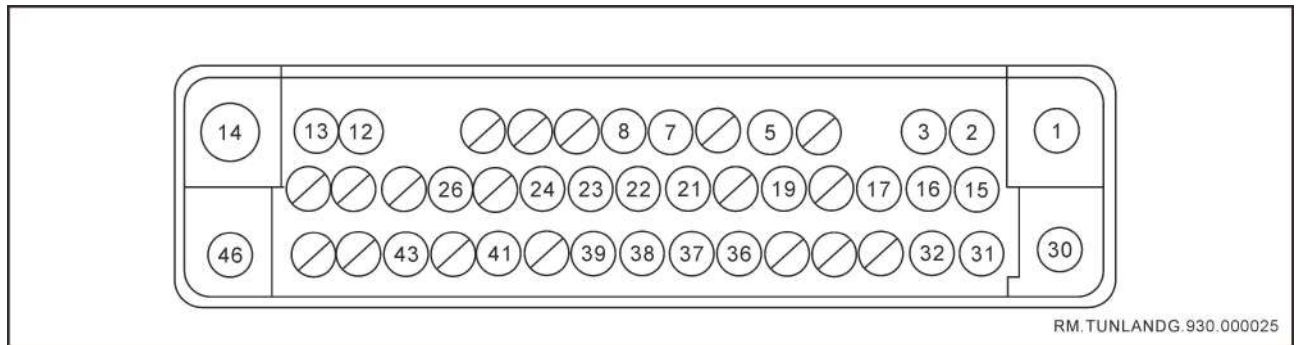
Ter- minal number	Wire diam- eter/c- olor	function
34	0.50B	Air conditioning compressor earthing
35	0.50W/ R	Urea quality sensor Signal
36	0.50W/ B	Urea quality sensor earthing
37	1.00Gr	Urea supply pum- pearthing
38	1.00P	Urea supply pump power supply
39	1.00L	Urea recovery pump earthing
40	1.50R/ Y	Glow plugs 2 power supply
41	1.50R/ B	Glow plugs 3 power supply
42	0.50R/ O	Air conditioning compressor POWER supply
43	0.35B- r/Y	Oil pressure switch
44	0.35W	DOC temperature exhaust sensor earthing
45	0.50L- g/Y	Back pressure valve position sensor earthing
46	0.35Y/L	DPF exhaust temperature sensor earthing
47	0.35Y/ G	DPF temperature exhaust sensor Signal
48	1.50R/L	Glow plugs 1 power supply



MG652520-5KET

A039 is connected to the right front fog light

Ter- minal num- ber	Wire diam- eter/c- olor	function
1	0.75W	Front fog light power supply
2	0.75B	earthing



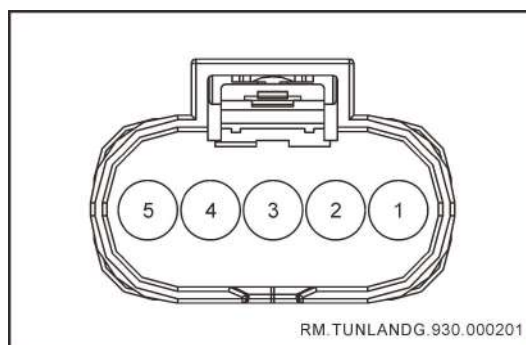
1928405782 Bosch
A035 is connected to ESP

FL

Ter- minal number	Wire diam- eter/c- olor	function
1	4.00R/ B	Battery power
2	2.50G/ R	Right rear EPB actuator Signal
3	2.50O	Right rear EPB actuator power supply
4	—	—
5	0.35G- /Br	SCAN-H
6	—	—
7	0.50R/L	Left front wheel speed sensor power supply
8	0.35R/ B	AUTOH OLD WORK INDICATION - CONTROL
9	—	—
10	—	—
11	—	—
12	2.50W	Left rear EPB actuator power supply
13	2.50V	Left rear EPB actuator Signal
14	4.00B	earthing

Ter- minal number	Wire diam- eter/c- olor	function
15	0.35Lg	EPB releases Signal input
16	0.35W	Release the Signal output
17	0.35P	AUTO HOLD switching output
18	—	—
19	0.35 Y/Br	SCAN-L
20	—	—
21	0.50 Y	Right front wheel speed sensor Signal
22	0.50 L/B	Left rear wheel speed sensor power supply
23	0.50 W	Left rear wheel skate sensor Signal
24	0.50 O/B	Left front wheel speed sensor Signal
25	—	—
26	26 0.50 O/L	Right front wheel speed sensor earthing
27	—	—
28	—	—
29	—	—

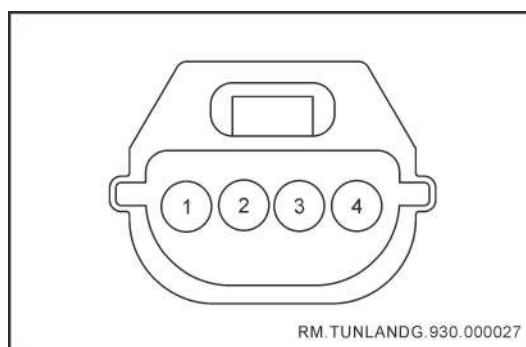
Ter- minal number	Wire diam- eter/c- olor	function
30	4.0 R/Y	Battery power
31	0.35 Y	EPB pulls up Signal input
32	0.35 Br	Pull up Signal
33	—	—
34	—	—
35	—	—
36	0.50 O/R	IG1 power supply
37	0.50 G/W	Right rear wheel speed sensor Signal
38	0.50 Gr/W	Braking Signal
39	0.50 W/R	Left rear wheel speed sensor power supply
40	—	—
41	0.35B- r/Y	ESP-OFF
42	—	—
43	0.35 G/Y	HDC
44	—	—
45	—	—
46	4.00 B	earthing



872 - 860 - 541 HISCHMANN

A040 is connected to the front nitrox sensor

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 R	Former nitrox sensor power supply
2	0.35 B	earthing
3	0.35 Y/R	DCAN-L
4	0.35 G/R	DCAN-H
5	0.35 B	earthing

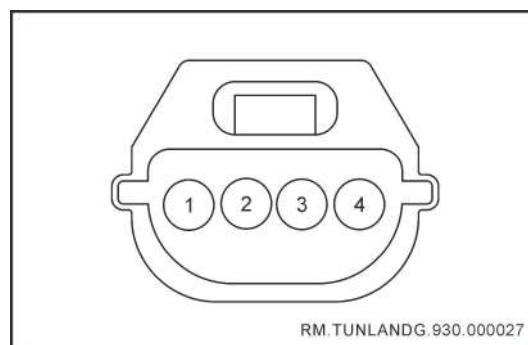


7283-8853-30 YAZAKI

A041 connected to air flow meter

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 Br/L	Temperature output

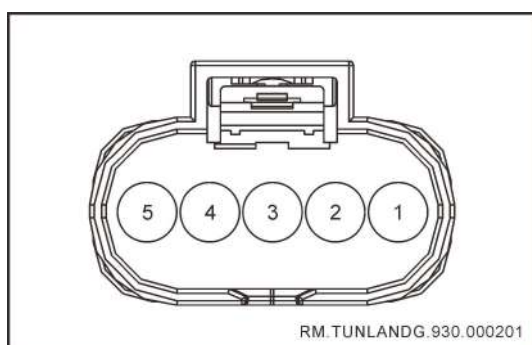
Ter- minal number	Wire diam- eter/c- olor	function
2	0.35 B/R	earthing
3	0.35 Br/G	Signal output
4	0.35 Br/Y	power supply



7283-8853-30 YAZAKI

A041 connected to air flow meter

FL

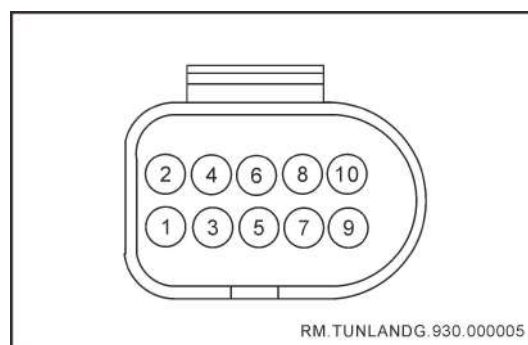


872 - 860 - 541 HISCHEMANN

A040 is connected to the front nitrox sensor

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 Br/L	Temperature output
2	0.35 B/R	earthing
3	0.35 Br/G	Signal output
4	0.35 Br/Y	power supply

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 R	Former nitrox sensor power supply
2	0.35 B	earthing
3	0.35 Y/R	DCAN-L
4	0.35 G/R	DCAN-H
5	0.35 B	earthing

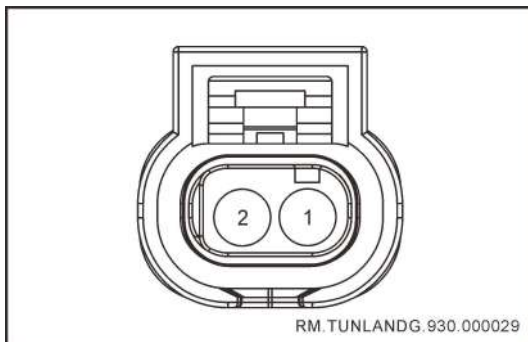


493577-1 TE

A042 is connected to the right front combination light

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 Y/B	Dimming motor POWER supply

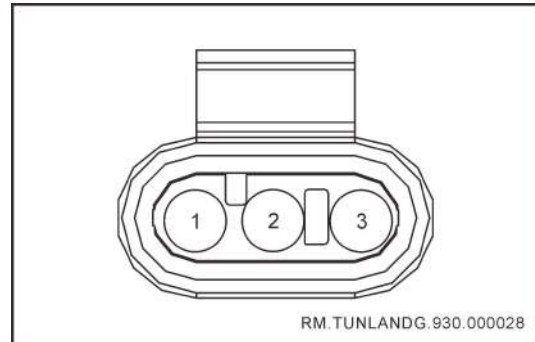
Ter- minal number	Wire diam- eter/c- olor	function
2	0.35 G	Dimming motor signals
3	0.35 B	Dimming motor earthing
4	0.75 B	High beam, position light earthing
5	0.35 L	Position light power supply
6	0.75 V	Auxiliary high beam power supply
7	0.75 Y/B	Low beam power supply
8	0.75 B	Dipped beam earthing
9	0.35 B/G	Turn signal power supply
10	0.35 B	Turn signals earthing



1 - 1670916 - 1 TE

A043 is connected to the DPF temperature sensor

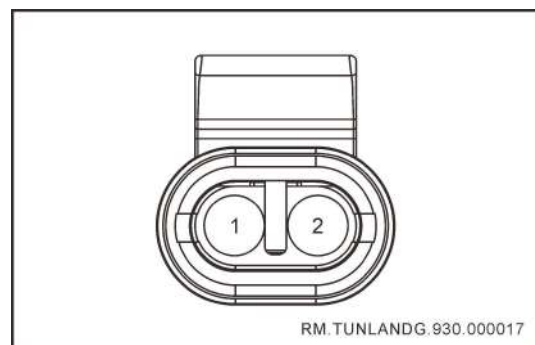
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 Y/L	DPF temperature Sensorially
2	0.50 Y/G	DPF temperature sensorSignal



282087-1 TE

A044 connected to the cooling water pump

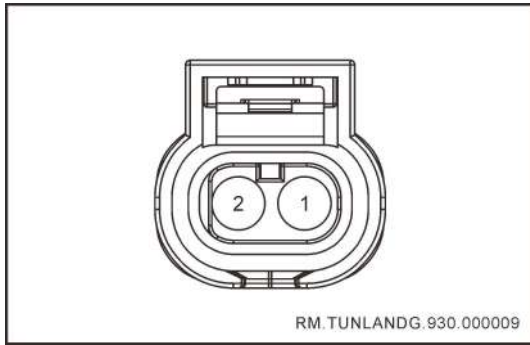
Ter- minal number	Wire diam- eter/c- olor	function
1	1.00 B	earthing
2	1.00 R	power supply
3	0.35 V/W	Water pump control



282080-1 TE

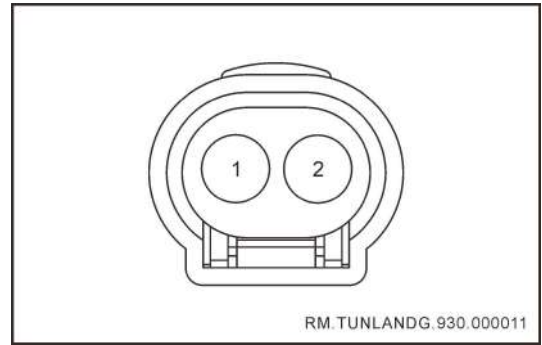
A045 is connected to the DOC temperature sensor

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 W/G	DOC temperature sensorSignal
2	0.50 W/B	DOC temperature Sensorially



2 - 1718643 - 1 TE

A047 is connected to SCR temperature sensor



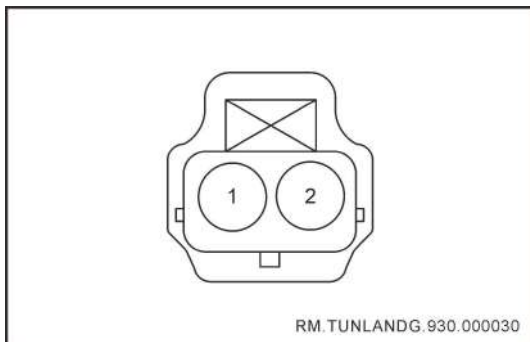
1-967644-1 TE

A049 picks up Right front wheel speed sensor

FL

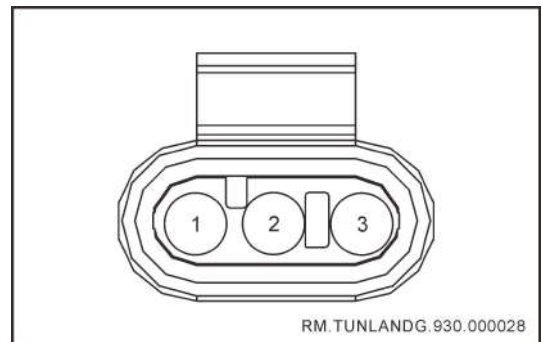
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 L	Sensorially
2	0.50 L/B	sensorSignal

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 O/L	earthing
2	0.50 Y	Signal



184002-1 TE

A048 into Ambient temperature sensor

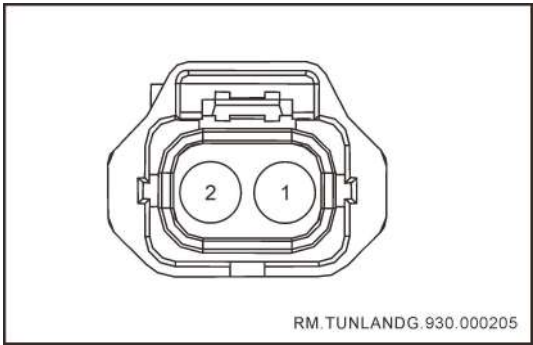


282087-1 TE

A050 water level sensor

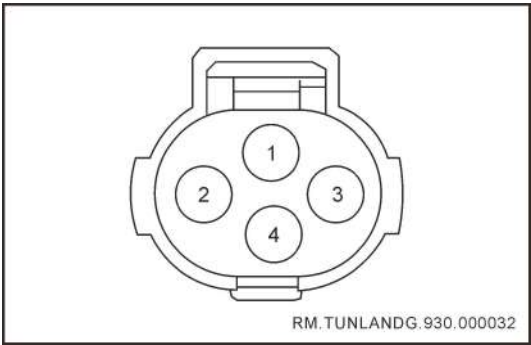
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 Br/W	sensorearthing
2	0.50 R/W	Ambient temperature sensorSignal

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 B	sensorearthing
2	0.50 Y/O	Oil-water separation switch output
3	0.50 R	power supply



282080-1 TE

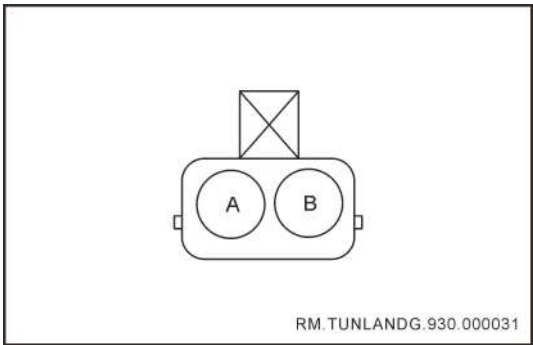
A051 picks up Fuel temperature sensor



DJ7042Y-2.2-21/28into CZT

A053 pressure switch

Ter-minal number	Wire diam-eter/c-olor	function
1	0.35 Lg/Y	Fuel temperature sensorearthing
2	0.50 Lg/R	Fuel temperature sensorSignal

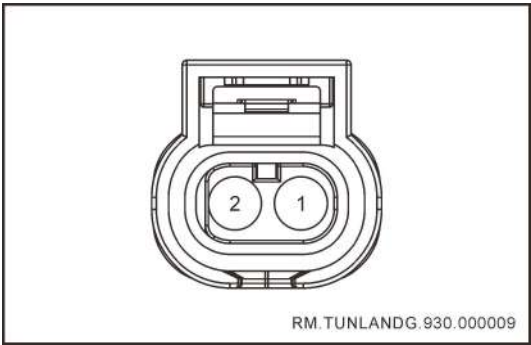


15300027 Delphi

A052 is connected to the wood filter heating

Ter-minal number	Wire diam-eter/c-olor	function
A	2.00 R/Y	power supply
B	2.00 B	earthing

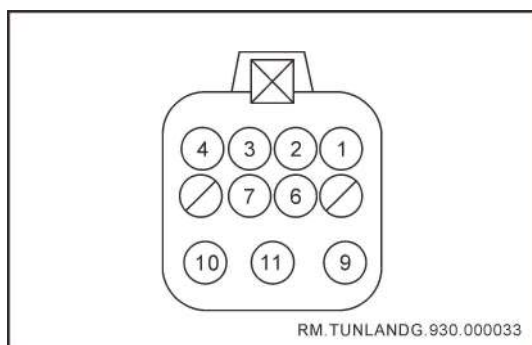
Ter-minal number	Wire diam-eter/c-olor	function
1	0.50 O/B	High and low voltage switch Signal
2	0.50 B	earthing
3	0.50 B/W	Medium voltage switch Signal
4	0.50 B	earthing



2-1718643-1 TE

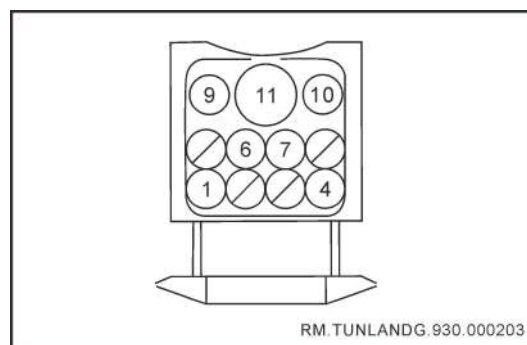
The A054 is connected to the right front collision sensor

Ter-minal number	Wire diam-eter/c-olor	function
1	0.50 B/O	Right front collision sensorSignal
2	0.50 B/R	sensorearthing



30433401 Delphi

A055 connected to GCU (Warm-up Control Relays)



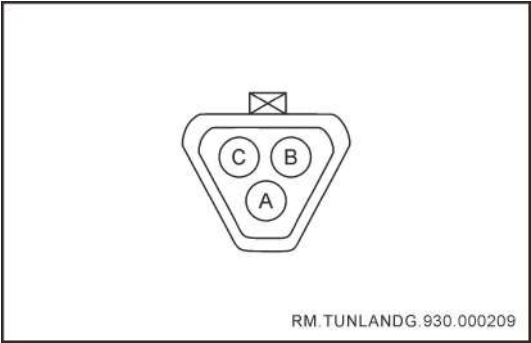
1721105A (17211105/F554310) FCI

A057 connected to HCU (urea heating controller)

FL

Ter- minal number	Wire diam- eter/c- olor	function
1	1.50 R/L	Glow plugs 1power supply
2	1.50 R/Y	Glow plugs 2power supply
3	1.50 R/B	Glow plugs 3power supply
4	1.50 R/G	Glow plugs 4power supply
5	—	—
6	0.50 R	Warm up the controller power supply
7	0.50 R/G	earthing
8	—	—
9	0.50 O	Preheat control DI
10	0.50 P	Preheat control ST
11	6.00 R	Battery power

Ter- minal number	Wire diam- eter/c- olor	function
1	1.00 Br	The urea tank heats the power supply
2	—	—
3	—	—
4	0.75 P	The urea tube heats the power supply
5	—	—
6	0.50 R	Urea heating controller POWER supply
7	0.50 B	earthing
8	—	—
9	0.50 Y/R	DCAN-L
10	0.50 G/R	DCAN-H
11	4.00 R/W	Battery power



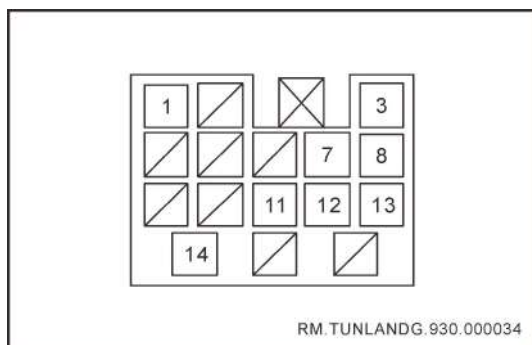
30433401 Delphi

FL

A058 is connected to the termination resistor

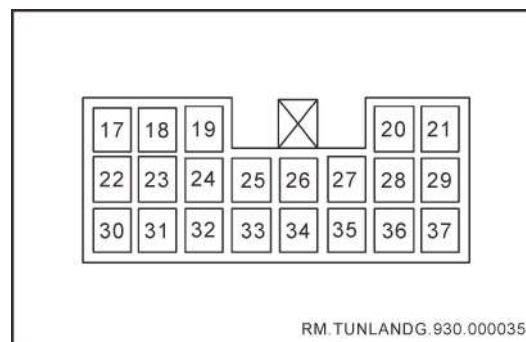
Ter- minal number	Wire diam- eter/c- olor	function
A	—	—
B	0.50 G/R	DCAN-H
C	0.50 Y/R	DCAN-L

Frame harness



MG612391 KET

B001 earthing board harness 1



MG611987 KET

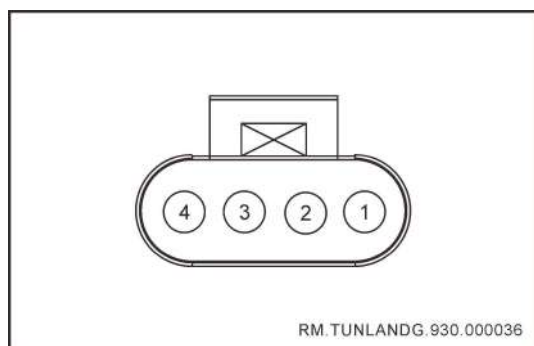
B002 Earthing board harness 2

FL

Ter- minal number	Wire diam- eter/c- olor	function
1	0.75 B	earthing
2	—	—
3	1.5 R/Y	Oil pump power supply
4	—	—
5	—	—
6	—	—
7	0.50 Y/W	BCAN-L
8	0.50 G/W	BCAN-H
9	—	—
10	—	—
11	0.50 B/R	Battery power
12	0.50 Y/W	BCAN-L
13	0.50 G/W	BCAN-H
14	2.50 B	earthing
15	—	—
16	—	—

Ter- minal number	Wire diam- eter/c- olor	function
17	0.50 Br	The rear camera masks the ground
18	0.75 Br/L	Rear camera commons
19	0.35 R/W	Left alarm light
20	0.35 R/Y	Right alarm light
21	0.50 W/G	IG1 power supply
22	0.75 L/W	Rear camera Signal
23	0.75 R/W	Rear camera power supply
24	0.50 W	Left rear wheel speed sensor Signal
25	0.50 W/R	Left rear wheel speed sensor power supply
26	0.50 G/W	Right rear wheel speed sensor Signal
27	0.50 L/B	Right rear wheel speed sensor power supply
28	0.50 G/B	LIN2 - Rear radar

Ter-minal number	Wire diameter/c-olor	function
29	0.50 W	License plate light output
30	0.50 R	Brake light output
31	0.50 L	Rear position light
32	0.35 G	Left steering output
33	0.50 B/G	Turn right to the output
34	0.50 L/Y	Reversing light output
35	0.35 R/W	Rear fog lamp output
36	0.35 B/L	Oil sensor-
37	0.35 R/L	Oil sensor+

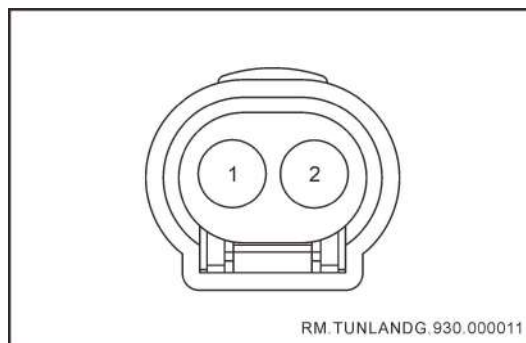


282088-1 TE

B003 is connected to the fuel sensor

Ter-minal number	Wire diameter/c-olor	function
1	1.50 R/Y	Oil pump power supply
2	1.50 B	Oil pump earthing
3	0.35 R/L	Liquid level Signal

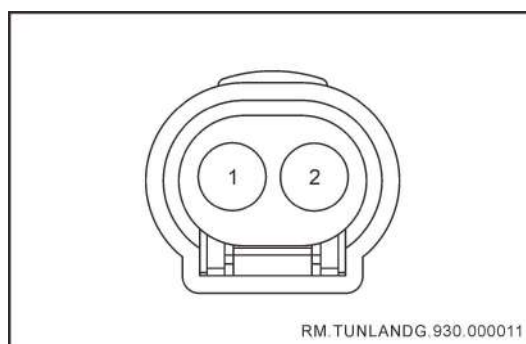
Ter-minal number	Wire diameter/c-olor	function
4	0.35 B/L	Liquid level Signal



1-967644-1 TE

B004 is connected to the right rear wheel speed sensor

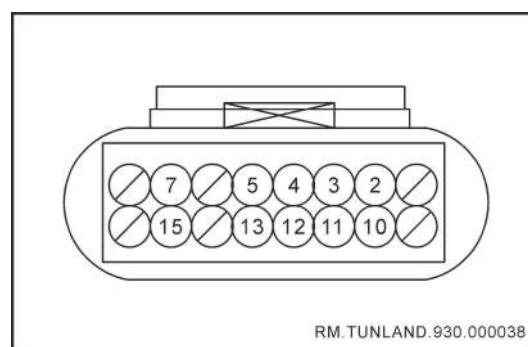
Ter-minal number	Wire diameter/c-olor	function
1	0.50 G/W	Signal
2	0.50 L/B	power supply



1-967644-1 TE

B005 into Left rear wheel speed sensor

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 W	Signal
2	0.50 W/R	power supply



5-1419168-8 TE

B007 into Left rear BSD



PP0447804 THB

B006 is connected to the right rear combination
light

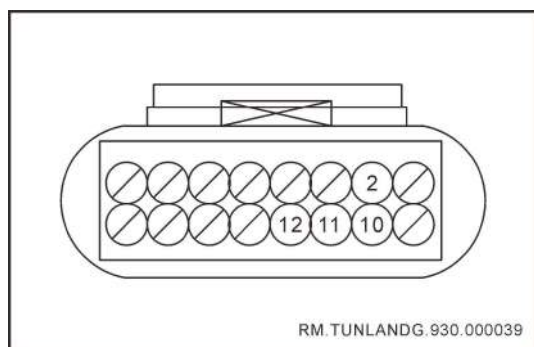
Ter- minal number	Wire diam- eter/c- olor	function
1	0.75 B	Brake lights, turn signals, reversing lights
2	0.50 L/Y	Reversing light power supply
3	0.50 B/G	Turn signal power supply
4	0.35 R	Brake light power supply
5	—	—
6	0.35 B	Rear fog lights, position lightsearthing
7	0.35 R/W	Rear fog light power supply
8	0.50 L	Position light power supply

Ter- minal number	Wire diam- eter/c- olor	function
1	—	—
2	0.50 R/W	Private CAN-H
3	0.50 R	Right back BSDpower supply
4	0.50 W	Right back BSIDpower supplyearthing
5	0.50 G/W	BCAN-H
6	—	—
7	0.35 R/Y	Right blind zone alarm light+
8	—	—
9	—	—
10	0.50 L/Y	Private CAN-L
11	0.50 B/R	Battery power
12	0.50 B	earthing
13	0.50 Y/W	BCAN-L
14	—	—

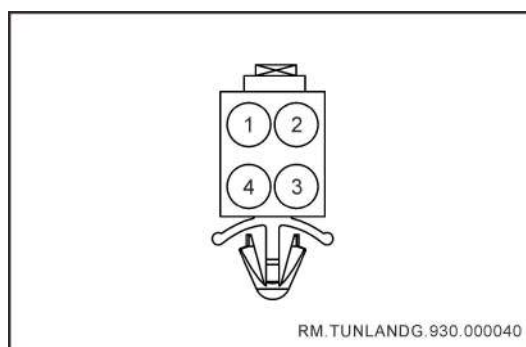
Ter-minal number	Wire diameter/c-olor	function
15	0.35 R/W	Left blind zone alarm+
16	—	—

Ter-minal number	Wire diameter/c-olor	function
13	—	—
14	—	—
15	—	—
16	—	—

FL



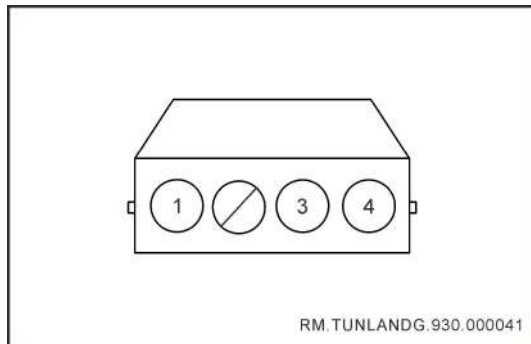
5-1419168-8 TE
B008 into Right rear BSD



PP0427307 THB
B009 into Back door Harness assembly

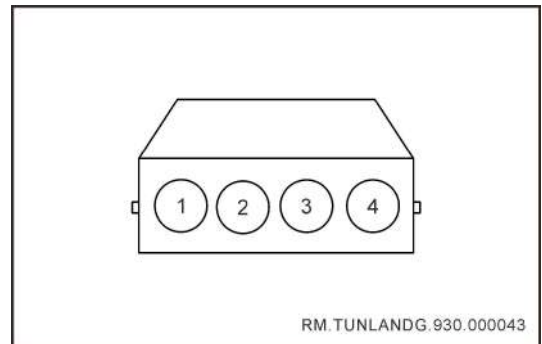
Ter-minal number	Wire diameter/c-olor	function
1	—	—
2	0.50 R/W	Private CAN-H
3	—	—
4	—	—
5	—	—
6	—	—
7	—	—
8	—	—
9	—	—
10	0.50 L/Y	Private CAN-L
11	0.50 R	Right back BSDpower supply
12	0.50 W	Right back BSDpower supplyearthing

Ter-minal number	Wire diameter/c-olor	function
1	0.75 R/W	Rear camera power supply
2	0.75 Br/L	Rear camera power Supplyland
3	0.75 L/W	Rear camera Signal
4	0.50 Br	Rear camera Signal



7283-8853-30 YAZAKI

B010 into Right rear reversing radar probe



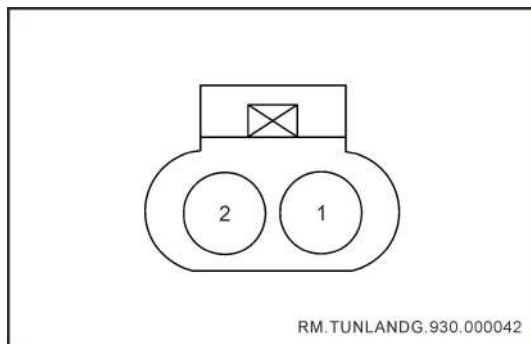
7283-8853-30 YAZAKI

B012 into Left rear reversing radar probe

FL

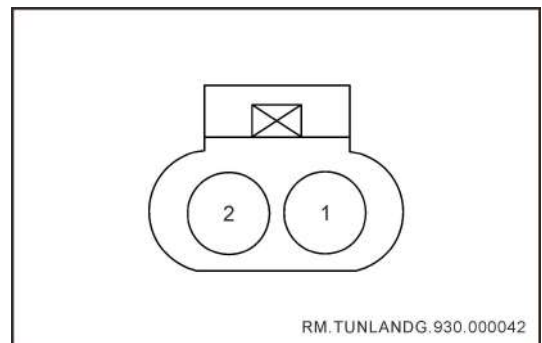
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 B	earthing
2	—	—
3	0.50 W/G	IG1 power supply
4	0.50 R/B	LIN2

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 B	earthing
2	0.50 R/B	LIN1
3	0.50 W/G	IG1 power supply
4	0.50 G/B	LIN2



DJ7025Y-2.2-11/28into CZT

B011 into Right license plate light

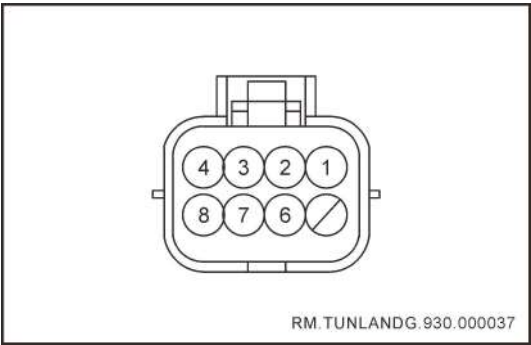


DJ7025Y-2.2-11/28into CZT

B013 into Left license plate light

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 W	License plate light power supply
2	0.50 B	earthing

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 W	License plate light power supply
2	0.50 B	earthing

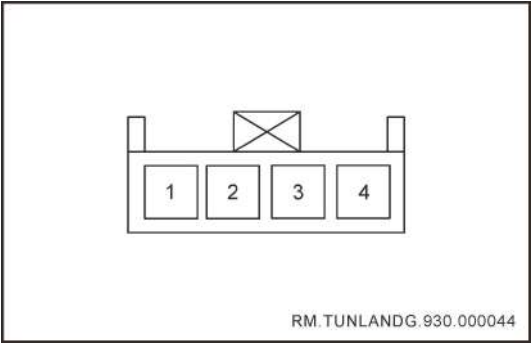


PP0447804 THB

B014 into Left rear combination light

FL

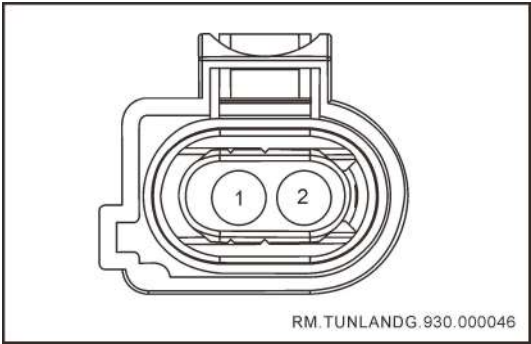
Ter-minal number	Wire diam-eter/c-olor	function
1	0.75 B	Brake lights, turn signals, reversing lights
2	0.50 L/Y	Reversing light power supply
3	0.35 G	Turn signal power supply
4	0.35 R	Brake light power supply
5	—	—
6	0.35 B	Rear fog lights, position lightsearthing
7	0.35 R/W	Rear fog light power supply
8	0.50 L	Position light power supply



DJ7041Y-2 - 11/29 CZT

B016Earthing board harness3

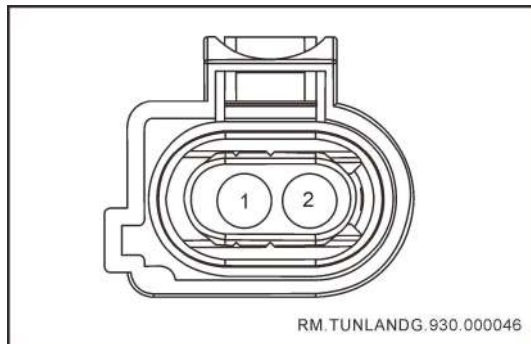
Ter-minal number	Wire diam-eter/c-olor	function
1	2.50 W	Left rear EPB actuator power supply
2	2.50 G	Left rear EPB actuator Signal
3	2.50 G/R	Right rear EPB actuator Signal
4	2.50 0	Right rear EPB actuator power supply



2 - 1355200 - 2 TE

B017 into Left rear EPB actuators

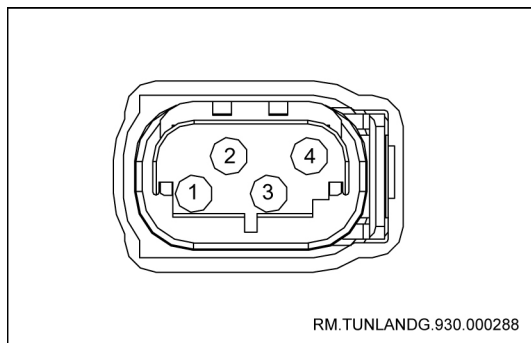
Ter-minal number	Wire diam-eter/c-olor	function
1	2.50 G	Left rear EPB actuator Signal
2	2.50 W	Left rear EPB actuator power supply



2 - 1355200 - 2 TE

B018 into Right rear EPB actuators

Ter- minal num- ber	Wire diam- eter/c- olor	function
1	2.50 G/R	Right rear EPB actuator Signal
2	2.50 O	Right rear EPB actuator Signal

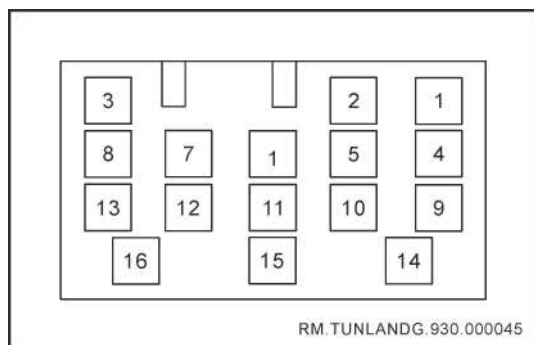


2 - 1355200 - 2 TE

B019 Fuel Leak System

Ter- minal num- ber	Wire diam- eter/c- olor	function
1	0.50 O/R	Fuel leak power supply
2	0.50 G/Y	signal
3	0.50 V/Y	land
4	0.50 R	Power Supply

Front meter harness

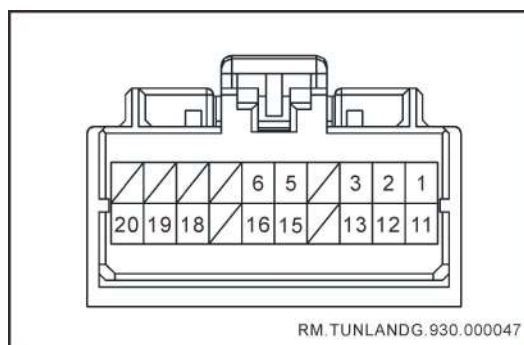


MG622390 KET

C002Earthing board harness2

Ter-minal number	Wire diameter/c-olor	function
1	0.35 W/G	IG1 power supply
2	0.35 Y/W	BCAN-L
3	1.00 Br/Y	Heated rear windshield
4	0.75 V	Exhaust back pressure valve control1
5	0.35 B/L	Fuel level Signalearthing
6	1.00 Y/B	Urea mass temperature sensorpower supply
7	0.35 G/W	BCAN-H
8	0.35 R/L	Fuel volume Signal
9	0.75 Y	Exhaust back pressure valve control2
10	1.00 L	Urea recovery pump-
11	1.50 R/Y	Oil pump power supply
12	0.35 Y/W	BCAN-L

Ter-minal number	Wire diameter/c-olor	function
13	0.35 G/W	BCAN-H
14	1.00 Br	Urea tank heating - source
15	2.50 G/R	Right rear EPB actuator Signal
16	2.50 O	Right rear EPB actuator power supply

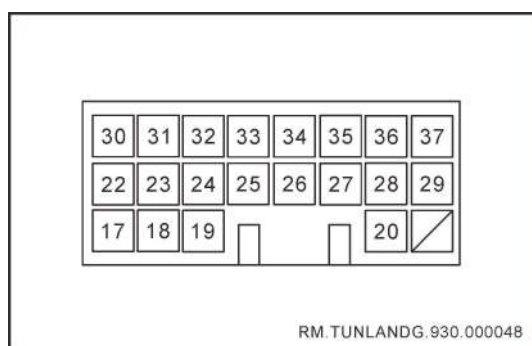


175967-2 TE

C004 into gateway

Ter-minal number	Wire diameter/c-olor	function
1	0.35 G/Br	SCAN-H
2	0.35 G/B	PCAN-H
3	0.35 G/B	DCAN-H
4	—	—
5	0.35 G/L	ICAN-H
6	0.35 G/W	BCAN-H

Ter- minal number	Wire diam- eter/c- olor	function
7	—	—
8	—	—
9	—	—
10	—	—
11	0.35 Y/Br	SCAN-L
12	0.35 Y/B	PCAN-L
13	0.35 Y/R	DCAN-L
14	—	—
15	0.35 Y/L	ICAN-L
16	0.35 Y/W	BCAN-L
17	—	—
18	0.35 W/Y	IG1 power supply
19	0.35 Gr/R	Battery power
20	0.35 B	earthing

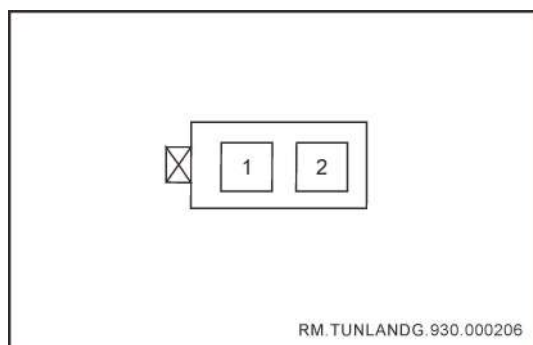


MG622390 KET
C005 Earthing board harness1

Ter- minal number	Wire diam- eter/c- olor	function
17	0.35 W	Left rear wheel speed sensor Signal
18	0.35 W/R	Left rear wheel speed sensor power supply
19	0.35 G/W	Right rear wheel speed sensor Signal
20	0.35 L/B	Right rear wheel speed sensor power supply
21	—	—
22	0.35 Y	Seat heating IG1 power supply
23	0.35 B/O	Rear left seat belt alarm
24	0.35 R/W	Left alarm light
25	0.50 Y	T7 temperature sensor+
26	0.50 L	T7 temperature sensor-
27	0.75 P	Urea tube heating
28	0.50 W/B	Urea mass temperature sensor earthing
29	0.50 W/R	Urea mass temperature sensor Signal
30	0.50 R	SCR Relays power supply
31	0.50 Y/W	Urea recovery pump+
32	0.50 G/R	Left rear door speaker-
33	0.50 B/R	Left rear door speaker+
34	0.35 L	Exhaust back pressure valve sensor Signal
35	0.35 O	Exhaust back pressure valve sensor power supply

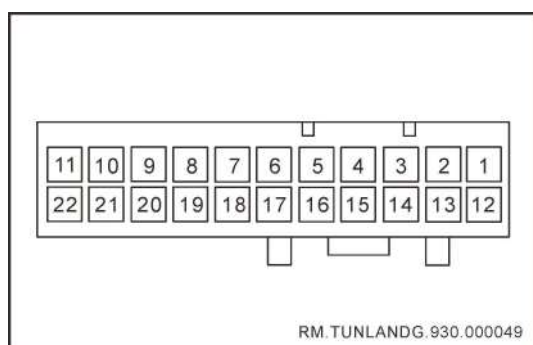
Ter- minal number	Wire diam- eter/c- olor	function
36	0.50 Lg/Y	Exhaust back pressure valve sensorearthing
37	0.35 B/R	360 panorama, remote control into battery power

FL



C006 into IPJB

Ter- minal number	Wire diam- eter/c- olor	function
1	6.00 R	Instrument fuse box POWER supply1
2	4.00 R/G	Instrument fuse box POWER supply2

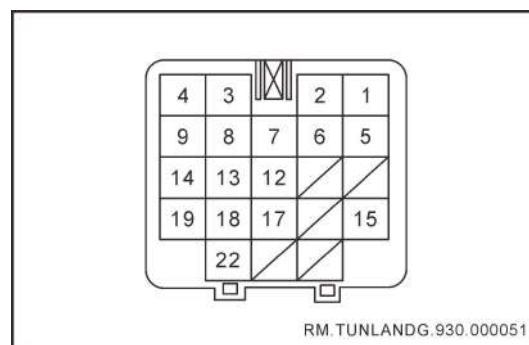


PP0456701 THB

C007 into Left front door harness1

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 L/B	Mechanical latching input
2	0.35 O	Mechanical unlock input
3	0.35 Y/R	Mechanical lock feedback
4	0.50 P	The rearview mirror adjusts the power supply
5	0.35 O	Backlight power supply
6	0.35 Y/B	Central lock input
7	0.35 W/G	Left front switch on the driver's side
8	0.35 L	Keyless entry
9	0.35 R/W	Left alarm light
10	0.35 L/R	Left welcome light
11	0.35 G/R	Mirror folding Signal
12	0.35 O/B	Right front glass switch on the driver's side
13	0.35 W/B	Left rear glass switch on the driver's side
14	0.35 L/Y	Right rear glass switch on the driver's side
15	0.35 W/P	The glass switch locks the Signal
16	0.35 G	Left Turn signal power supply
17	0.50 V/W	Left front speaker+
18	0.50 G/B	Left front speaker-

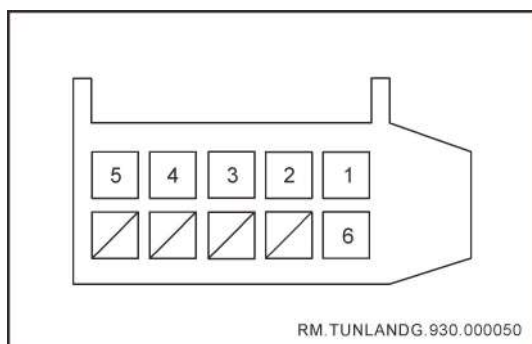
Ter- minal number	Wire diam- eter/c- olor	function
19	0.35 Br/R	Mirror heating switch
20	0.35 R	The ambience is red
21	0.35 G	The mood is lit green
22	0.35 L	Ambient lights blue



MG620838 KET

C009Earthing board harness3

FL



1-1534170-2 TE

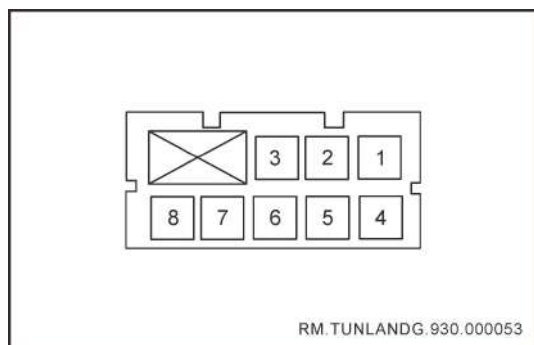
C008 into Left switch assembly

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 B	earthing
2	0.35 G	Dimming motor signals
3	0.35 Y/R	Light level adjustment power supply
4	0.35 O	Backlight
5	0.35 L/W	Manual regeneration switch
6	0.35 B	earthing
7	—	—
8	—	—
9	—	—
10	—	—

Ter- minal number	Wire diam- eter/c- olor	function
1	0.75 R/Y	Front camera power supply
2	0.75 Gr	Front camera power Supplyland
3	0.75 R	Left camera power supply
4	0.75 B	Left camera power Supplyland
5	0.75 R/B	Front camera Signal
6	0.50 Br	Front camera Signally
7	0.35 W	360 panoramic switch
8	0.75 Y	Left camera Signal
9	0.50 Br	Left camera Signally
10	—	—
11	—	—
12	1.00 P	Urea supply pump-
13	0.35 G/W	Main Seat heating feedback Signal1
14	0.35 B/W	Main Seat heating feedback Signal2
15	1.50 W/L	Power seat power supply
16	—	—

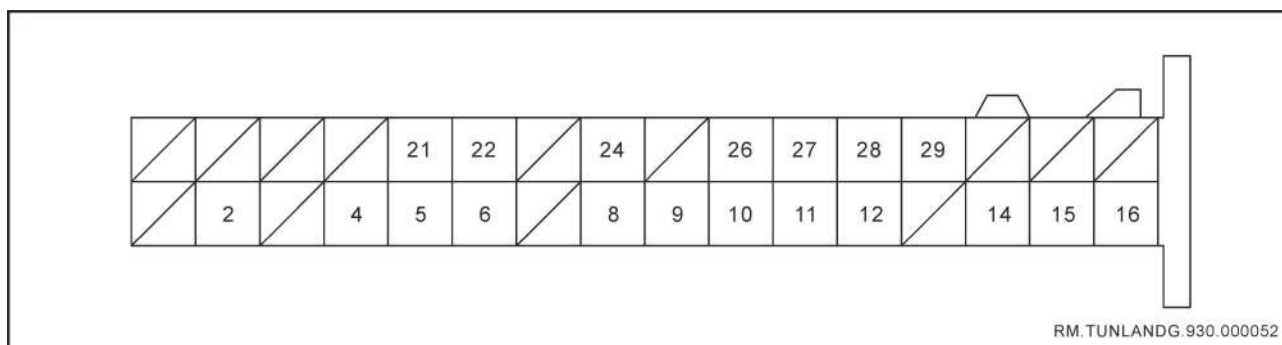
Ter- minal number	Wire diam- eter/c- olor	function
17	1.00 Gr	Urea supply pump+
18	0.35 L/W	Main Seat heating feedback Signal3
19	0.35 G	Main Seat heating outputSignal
20	—	—
21	—	—
22	1.50 W/Y	Seat heatingpower supply

Ter- minal number	Wire diam- eter/c- olor	function
5	0.50 Br/L	Left side airbag power supply
6	0.50 Br/W	Left-side airbag earthing
7	0.50 R/B	Left collision sensor earthing
8	0.50 R/O	Left collision sensor Signal



08HIC-P-2A JST
C011Earthing board harness8

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 Br/Y	The main driver's seat seat belt is pre-tensioned
2	0.50 Br/G	The main driver's seat seat belt is pre-tensioned supply
3	0.50 Y/R	The second row left seat belt is pretensioned with power supply
4	0.50 Y/B	The second row left seat belt is pre-tensioned earthing



1719059-1 TE

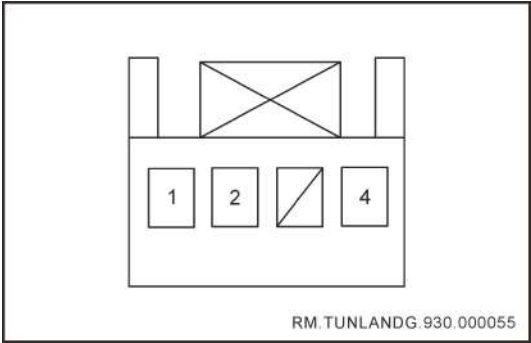
C010 into Instrument clusters

FL

Ter- minal number	Wire diam- eter/c- olor	function
1	—	—
2	0.35 P/B	Battery power
3	—	—
4	0.35 B	earthing
5	0.35 B	earthing
6	0.35 R/B	Charging Indicardion lamp Cygnar
7	—	—
8	0.35 Y	Vacuum alarm indicator
9	0.35 B/L	sensorearthing
10	0.35 W/Y	IG1 power supply
11	0.35 G/W	BCAN-H
12	0.35 Y/W	BCAN-L
13	—	—
14	0.35 Gr	Brake fluid level alarm indicator
15	0.35 G/B	PCAN-H

Ter- minal number	Wire diam- eter/c- olor	function
16	0.35 Y/B	PCAN-L
17	—	—
18	—	—
19	—	—
20	—	—
21	0.35 Br/W	Oil pressure indicator
22	0.35 R/L	Burn Oil sensorSignal
23	—	—
24	0.35 Br	Driver seat belt warning indicator
25	—	—
26	0.35 Y/W	Occupant seat belt alarm indicator
27	0.35 B/O	Second row left seat belt alarm indicator
28	0.35 Y/R	Seat belt alarm indicator in the second row
29	0.35 R/B	Second row right seat belt alarm indicator
30	—	—

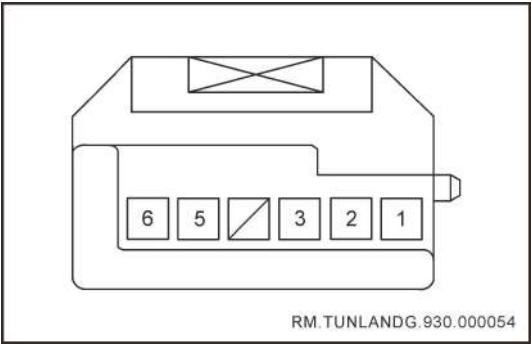
Ter- minal number	Wire diam- eter/c- olor	function
31	—	—
32	—	—



1473672 - 1 TE

C013 into PM2.5sensor

FL

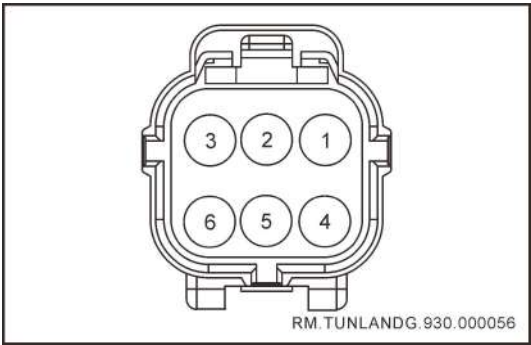


1355081-1 TE

C012 into Mode servo motor

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 W/G	IG1 power supply
2	0.50 G/L	LIN2
3	—	—
4	0.35 B	earthing

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 B/L	sensorearthing
2	0.35 W/R	Mode servo Motor feedback Signal
3	0.35 P/G	sensorpower supply
4	—	—
5	0.50 B/Y	Motor positive electrode
6	0.50 B/W	Motor negative pole

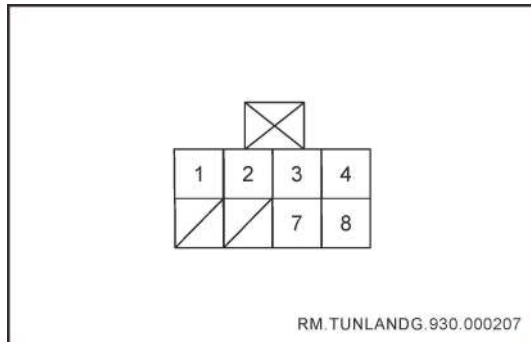


2822346 - 1 TE

C014 into Electronic throttle

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 W/Y	sensor 1 power supply
2	0.35 L/O	sensor 1 Signal

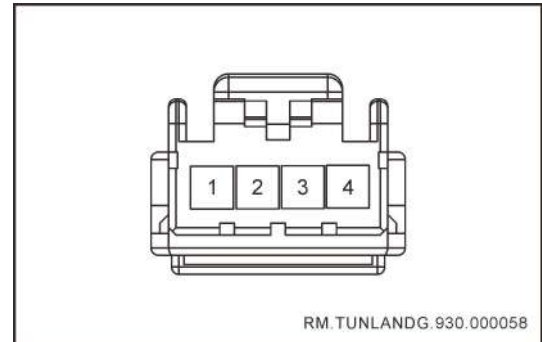
Ter- minal number	Wire diam- eter/c- olor	function
3	0.35 L/P	sensor 1 earthing
4	0.35 Y/L	sensor 2 power supply
5	0.35 L/W	sensor 2 Signal
6	0.35 L/V	sensor 2 earthing



1376352-1 TE

C015 into One-key start switch

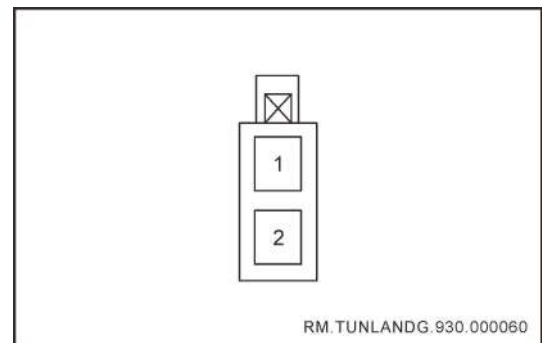
Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 R/Y	Battery power
2	0.35 R	Red backlight
3	0.35 G/L	Signal1
4	0.35 L	Signal2
5	—	—
6	—	—
7	0.35 G	Green backlight
8	0.35 Y	Yellow backlight



174922-1 TE

C016 into Indoor temperature sensor

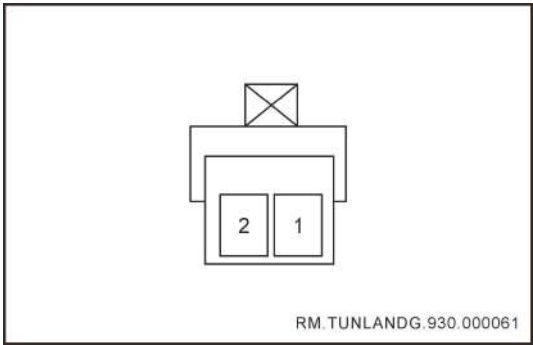
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 G	Small fan for indoor temperature+
2	0.50 Y/G	Small fan for indoor temperature-
3	0.35 V/G	Temperature Signal
4	0.35 B/L	sensorearthing



43025-0200 MOLEX

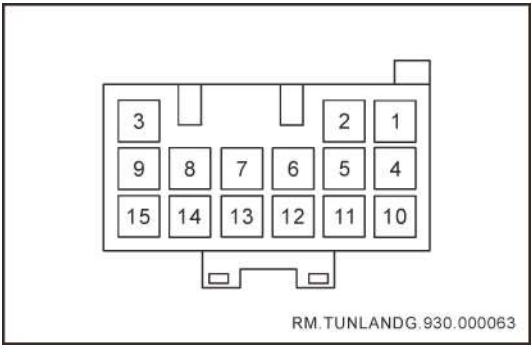
C018 into Armrest case USB charging into port

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 R	ACC power supply
2	0.50 B	earthing



211PC022S0149 FCI

C020 into Middle low-frequency antenna

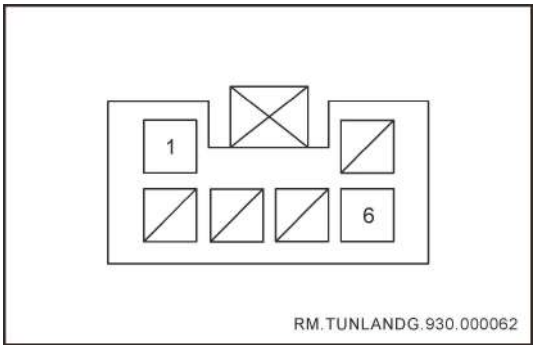


MG641071-2 KET

C022 into Left front door harness2

FL

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 R/Y	Middle low-frequency antenna-
2	0.35 R/L	Headquarters low-frequency antenna+



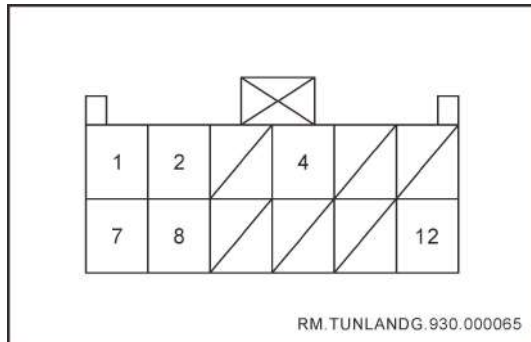
PP0404101 THB

C021 into rear USB charging into port

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 R	ACC power supply
2	—	—
3	—	—
4	—	—
5	—	—
6	0.50 B	earthing

Ter- minal number	Wire diam- eter/c- olor	function
1	2.00 B	earthing
2	0.75 L/B	Driver side unlock
3	0.75 B/R	Driver side latching
4	0.50 R	Heated mirrors
5	2.00 W	Left front glass lift power supply
6	0.35 R/G	Mirror adjustment
7	0.35 R/O	Mirror adjustment
8	0.75 Y	Left camera Signal
9	0.75 R	Left camera power supply
10	0.35 V/P	LIN1 - anti-pinch
11	2.00 R/B	Folding motor+
12	2.00 R/W	Folding motor-
13	0.35 L/R	Mirror adjustment
14	0.75 B	Left camera power Supplyland

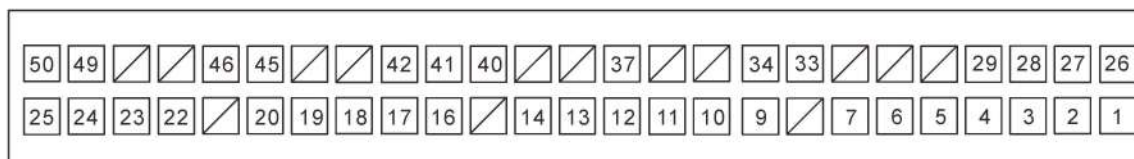
Ter- minal number	Wire diam- eter/c- olor	function
15	0.50 Br	Left camera Signally



7283-6484 YAZAKI

C024 into key switch

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 O	Backlight power supply
2	0.35 L	Audio switch Signal
3	—	—
4	0.35 R/L	The front radar is off
5	—	—
6	—	—
7	0.35 B	earthing
8	0.35 B/Y	The front radar is Off work instructions
9	—	—
10	—	—
11	—	—
12	0.35 B	earthing



RM.TUNLANDG.930.000064

FL

Inner core:3-1393387-2 TE

enclosure: 7-1393448-7 TE

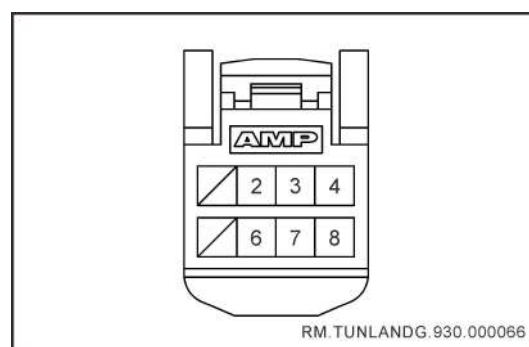
C023 into Electronic airbag control unit

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 Br/L	Main driver side airbag assembly power supply
2	0.50 Br/W	Main driver side airbag assembly earthing
3	0.50 G/Y	Co-pilot-side airbags earthing
4	0.50 G/O	Co-pilot-side airbags power supply
5	0.50 Y/W	IG1 power supply
6	0.50 B	earthing
7	0.35 Y/W	Passenger side latch
8	—	—
9	0.35 Br	Driver's side latch
10	0.50 B/R	Driver's seat main airbag power supply
11	0.50 Br/R	Driver's seat main airbag earthing
12	0.50 Y/O	Left collision sensor Signal
13	0.50 G	Co-pilot main airbag power supply

Ter- minal number	Wire diam- eter/c- olor	function
14	0.50 Y	Co-pilot main airbag earthing
15	—	—
16	0.50 Br/Y	The main driver's seat belt is pre-tensioned earthing
17	0.50 Br/G	The main driver's seat belt is pre-tensioned power supply
18	0.50 G/R	The passenger seat belt is pre-tensioned power supply
19	0.50 G/B	The passenger seat belt is pre-tensioned earthing
20	0.50 B/O	Right side collision sensorSignal
21	—	—
22	0.50 R/Y	Left air curtainpower supply
23	0.50 R/G	Left air curtaineearthing
24	0.50 W/R	Right air curtaineearthing

Ter- minal number	Wire diam- eter/c- olor	function
25	0.50 W/B	Right air curtainpower supply
26	0.50 R/O	Left rear collision sensorSignal
27	0.50 R/B	Left rear collision sensorearthing
28	0.50 G/L	Right rear collision sensorSignal
29	0.50 G/W	Right rear collision sensorearthing
30	—	—
31	—	—
32	—	—
33	0.35 Y/Br	SCAN-H
34	0.35 G/Br	SCAN-L
35	—	—
36	—	—
37	0.35 Y/R	Left collision sensor earthing
38	—	—
39	—	—
40	0.35 B/R	Co-pilot member detection
41	0.35 Y/B	The second row left seat belt is pre-tensioned earthing
42	0.35 Y/R	The second row left seat belt is pretensioned with power supply
43	—	—
44	—	—

Ter- minal number	Wire diam- eter/c- olor	function
45	0.35 B/R	Right side collision sensorearthing
46	0.35 Y	Collision Signal output
47	—	—
48	—	—
49	0.35 Y/B	The right seat belt in the second row is pretensioned earthing
50	0.35 Y/R	The right seat belt in the second row is pretensioned power supply



1376352-1 TE

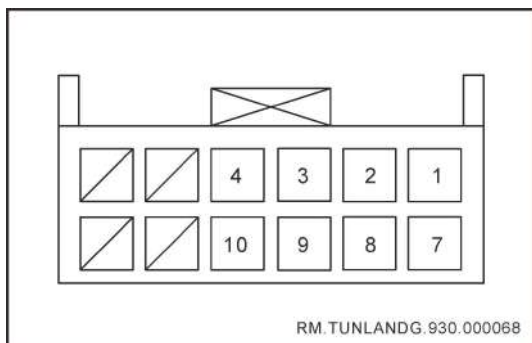
C025 into Volume knob switch

Ter- minal number	Wire diam- eter/c- olor	function
1	—	—
2	0.35 O	Backlight power supply
3	0.35 B	earthing
4	0.35 R/L	Press Signal
5	—	—
6	0.35 B/L	Press Signalearthing

Ter- minal number	Wire diam- eter/c- olor	function
7	0.35 O/R	Volume rotary encoder A
8	0.35 Gr/R	Volume rotary encoder B

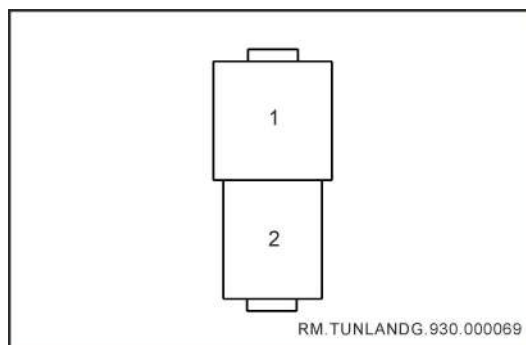
Ter- minal number	Wire diam- eter/c- olor	function
10	0.35 L/W	Sub-Seat heating feedback Signa I3
11	—	—
12	—	—

FL



174045-2 TE

C027 into Air conditioning controller 2

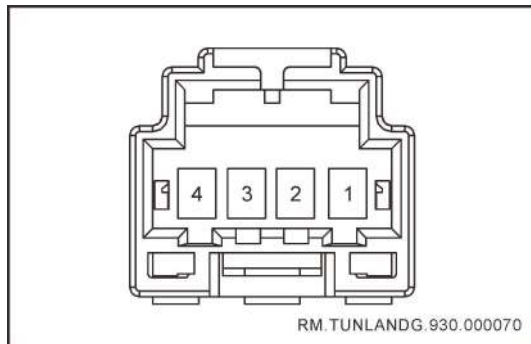


PP0316901 THB

C028 into cigarette lighter

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 G	Main Seat heating outputSignal
2	0.35 G/W	Main Seat heating feedback Signal1
3	0.35 B/W	Main Seat heating feedback Signal2
4	0.35 L/W	Main Seat heating feedback Signal3
5	—	—
6	—	—
7	0.35 G	Sub-seat heating outputs Signa I
8	0.35 G/W	Sub-Seat heating feedback Signa I1
9	0.35 B/W	Sub-Seat heating feedback Signa I2

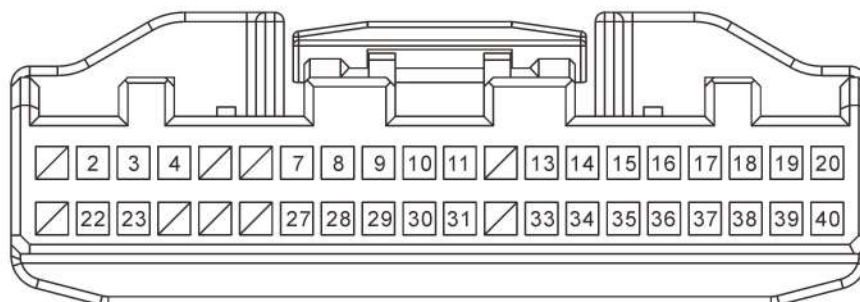
Ter- minal number	Wire diam- eter/c- olor	function
1	1.00 B	earthing
2	1.00 P	ACC power supply



936121-1 TE

C029 into central mood light

Ter- minal num- ber	Wire diam- eter/c- olor	function
1	0.35 L	Ambient light – blue
2	0.35 G	Ambient light – green
3	0.35 R	Ambient light – red
4	0.35 B	earthing



RM.TUNLANDG.930.000067

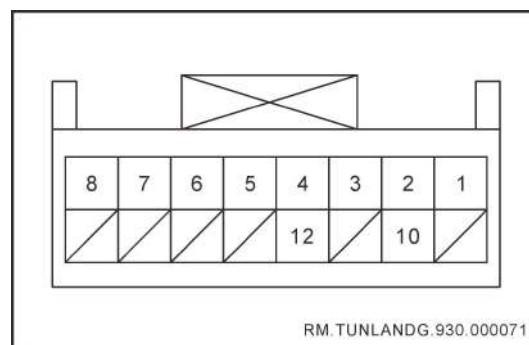
1318389-1 TE

C026 into Air conditioning controller 1

Ter- minal number	Wire diam- eter/c- olor	function
1	—	—
2	0.35 G/W	BCAM-H
3	0.50 G/W	Blower feedback
4	0.35 B/R	Blower Relays control
5	—	—
6	—	—
7	0.50 G	Small fan for indoor temperature+
8	0.50 B/Y	Mode motor-
9	0.50 B/G	TEMP servo motor+
10	0.50 O	Circulating servo motor-
11	0.35 Br/R	Windshield heating control
12	—	—

Ter- minal number	Wire diam- eter/c- olor	function
13	0.35 G/Y	TEMP servo Motor feedback Signal
14	0.35 W/R	Mode servo Motor feedback Signal
15	0.35 R/Y	Sunshine Signal
16	0.50 V	Evaporator Temperature Signal
17	0.50 P/G	sensorpower supply
18	0.35 P/B	Battery power
19	0.35 O	Backlight power supply
20	0.35 W/G	IG1 power supply
21	—	—
22	0.35 Y/W	BCAN-L
23	0.50 G/B	Blower speed regulation

Ter- minal number	Wire diam- eter/c- olor	function
24	—	—
25	—	—
26	—	—
27	0.50 Y/G	Small fan for indoor temperature—
28	0.50 B/W	Mode motor—
29	0.50 B/P	TEMP servo motor—
30	0.50 O/B	Circulating servo motor—
31	0.35 Br/Y	Heating feedback from the rear windshield
32	—	—
33	0.35 O/B	High and low voltage switch Signal
34	0.35 V/W	Circulating servo Motor feedback Signal
35	0.35 R/W	Outdoor Temperature Signal
36	0.35 V/G	Indoor Temperature Signal
37	0.35 B/L	sensorearthing
38	0.35 G/O	AC switch Signal
39	0.35 R	Start feedback
40	0.50 B	earthing



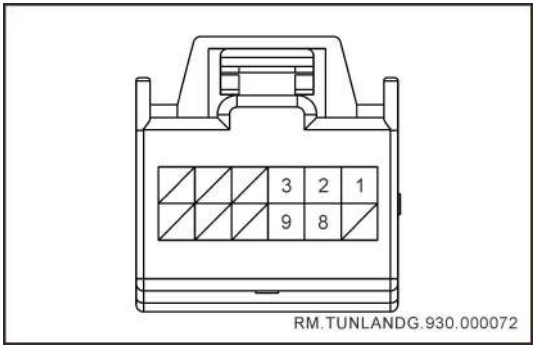
Inner core: 1-1534101-1 TE

enclosure: 1-1534094-1 TE

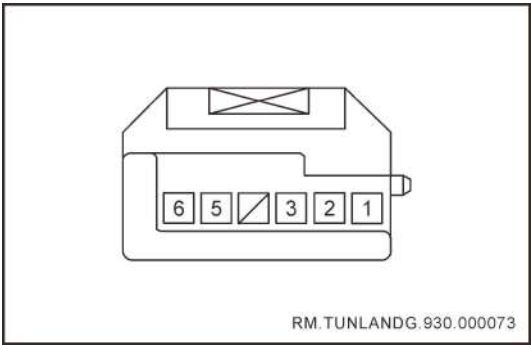
C030 into Middle combination switch

FL

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 O	Backlight power supply
2	0.35 W/B	360 indication
3	0.35 Br/Y	ESP-OFF
4	0.35 G/Y	HDC
5	0.35 W	360 switch
6	0.35 Y	Middle combination switch
7	0.35 Br	Middle combination switch
8	0.35 B	earthing
9	—	—
10	0.35 B	earthing
11	—	—
12	0.35 B	earthing
13	—	—
14	—	—
15	—	—
16	—	—



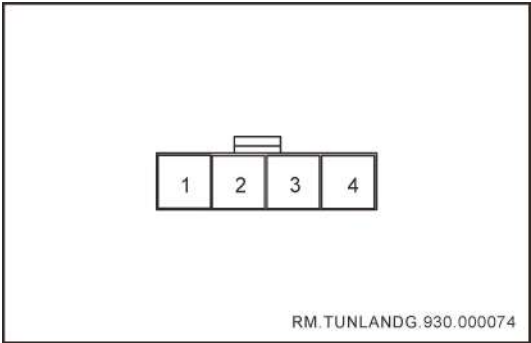
Inner core: 1534100-1
enclosure: 1-1534096-1 TE
C031 into 4WD switch



1355081-1 TE
C032 into TEMP servo motor

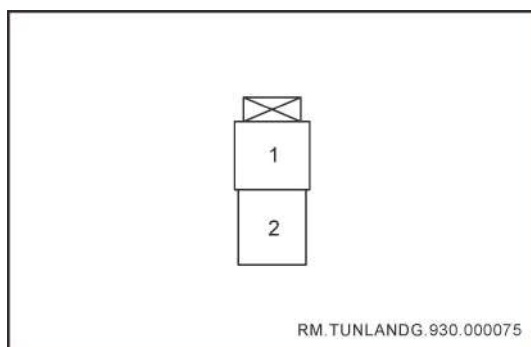
Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 V/P	LIN2
2	0.35 B	earthing
3	0.35 O/R	IG1 power supply
4	—	—
5	—	—
6	—	—
7	—	—
8	0.35 O	Backlight power supply
9	0.35 W/R	Battery power
10	—	—
11	—	—
12	—	—

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 B/L	sensorearthing
2	0.35 G/Y	TEMP servo Motor feedback Signal
3	0.35 P/G	sensorpower supply
4	—	—
5	0.50 B/G	Motor+
6	0.50 B/P	Motor-



DJ70415-6.3-21/20 CZT
C033 into Front Blower speed regulation
resistor (manual)

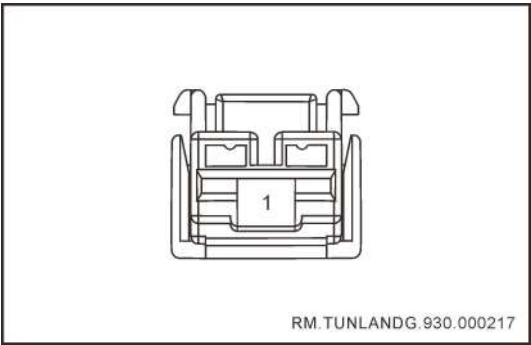
Ter- minal number	Wire diam- eter/c- olor	function
1	3.00 B	earthing
2	0.50 G/W	Blower feedback
3	0.50 G/B	Speed regulation
4	3.00 B/W	Front blower controls Signal



PP0302903 THB

C034 into blower

Ter- minal number	Wire diam- eter/c- olor	function
1	3.00 R/B	blower+
2	3.00 B/W	blower-

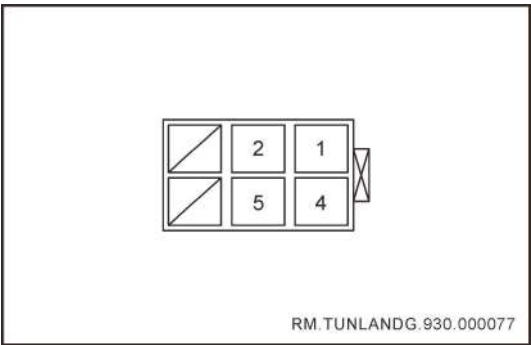


172863 - 2 TE

C036 into Display ground

FL

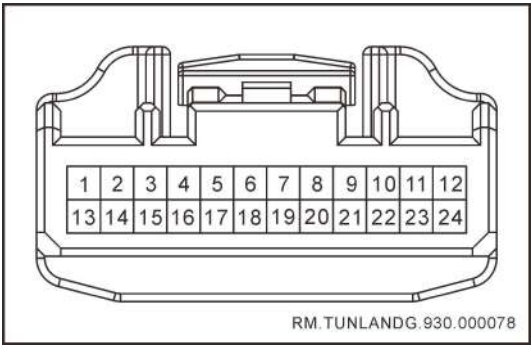
Ter- minal num- ber	Wire diam- eter/c- olor	function
1	0.35 B	earthing



1534121-1 TE

C037 into Hazard alarm switch

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 G/R	Hazard alarm switchSignal
2	0.35 B	earthing
3	—	—
4	0.35 W	Hazard alarm work indicator
5	0.35 O	Backlight power supply
6	—	—

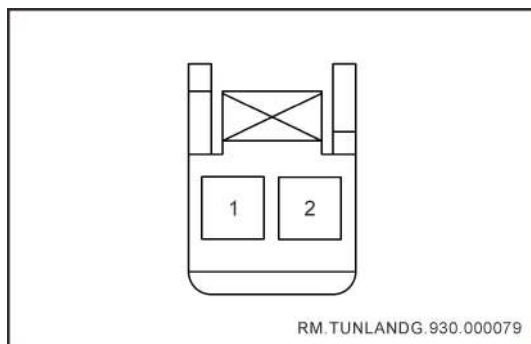


1318917-1 TE

C038 into Ceiling harness—

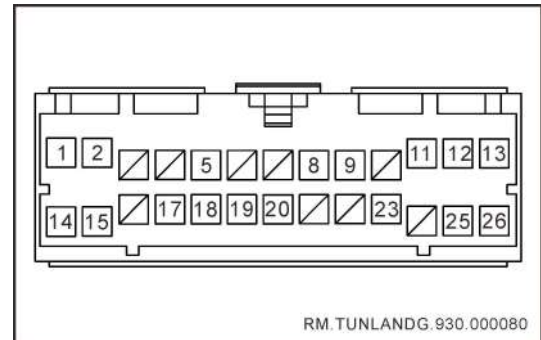
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 Br	Left side air curtain—
2	0.50 L	Left side air curtain+
3	0.50 W/R	Right side air curtain—
4	0.50 W/B	Right side air curtain+
5	0.35 R	USB port power supply
6	0.50 W	High Brake light output
7	0.35 R/L	SOS-1
8	0.35 R/W	SOS switch
9	0.35 Br/B	DRIVING MIC-EARTHING
10	0.35 G/R	Main driver MIC-audio
11	0.35 Br	CO-PILOT MIC-EARTHING
12	0.35 L	Co-driver MIC - Dome light
13	0.50 B	earthing
14	0.35 R/B	Battery power

Ter- minal number	Wire diam- eter/c- olor	function
15	0.35 Y/Br	SCAN-L
16	0.35 G/Br	SCAN-H
17	0.35 Y/Br	SCAN-L
18	0.35 G/Br	SCAN-H
19	0.50 R/W	AEBCAN-H
20	0.50 W	AEBCAN-L
21	0.35 V	Energy-saving lamp feedback
22	0.35 R/Y	Energy-saving lamp power supply output
23	0.50 V/P	Sunlight and rainfall sensor
24	0.35 W/G	IG1 power supply



3TKA02FW Hu Lian
C039 into Thermistor

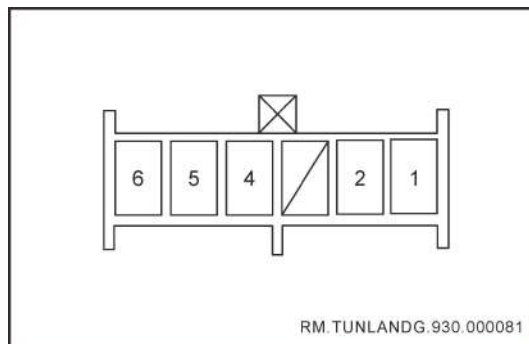
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 V	Evaporator Temperature Signal
2	0.50 B/L	sensorearthing



368136-6/174516-1 TE
C040 into Electrically operated time-sharing
four-wheel drive

Ter- minal number	Wire diam- eter/c- olor	function
1	1.25 O	The motor controls high speed – low speed
2	1.25 Y	The motor controls high speed – low speed
3	—	—
4	—	—
5	0.35 W/B	Motor position 2
6	—	—
7	—	—
8	0.35 G/Br	SCAN-H
9	0.35 Y/Br	SCAN-L
10	—	—

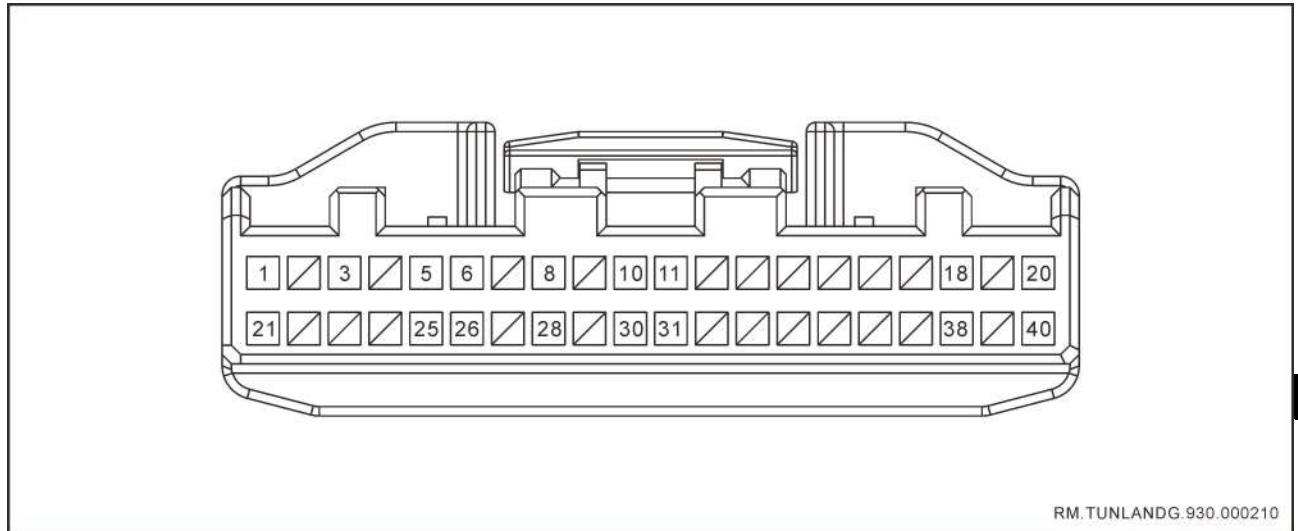
Ter- minal number	Wire diam- eter/c- olor	function
11	1.50 B/R	Synchronizer coil control
12	1.25 B	earthing
13	1.25 R/W	Battery power
14	1.25 O	The motor controls high speed – low speed
15	1.25 Y	The motor controls high speed – low speed
16	—	—
17	0.35 Y/L	Motor position 4
18	0.35 O/W	Motor position 1
19	0.35 V	Motor position 3
20	0.35 Y/W	Motor position earthing
21	—	—
22	—	—
23	0.35 O/R	IG1 power supply
24	—	—
25	1.25 B	earthing
26	1.25 R/W	Battery power



7283-8660 YAZAKI

C041 into Sunlight ambient light sensor

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 B	earthing
2	0.35 Y/R	Ambient Light Signal
3	—	—
4	0.35 B/L	sensorearthing
5	0.35 R/Y	Sunshine Signal
6	0.35 O/R	IG1 power supply



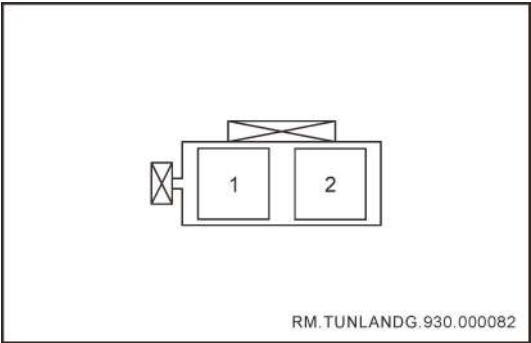
1318389 - 1 TE
C046 into T-BOX(4G)

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 R	ACC power supply
2	—	—
3	0.35 B	earthing
4	—	—
5	0.35 B	MIC_GND
6	0.35 G/R	MIC_IN+
7	—	—
8	0.35 G/R	lineout+
9	—	—
10	0.35 B	earthing
11	0.35 Y	Collision Signal
12	—	—
13	—	—
14	—	—
15	—	—

Ter- minal number	Wire diam- eter/c- olor	function
16	—	—
17	—	—
18	0.35 Y/L	ICAN-L
19	—	—
20	0.35 R/B	Battery power
21	0.35 W/G	IGpower supply
22	—	—
23	—	—
24	—	—
25	0.35 Gr	MIC_ audio
26	0.35 Br/B	MIC_IN-
27	—	—
28	0.35 L	lineout-
29	—	—

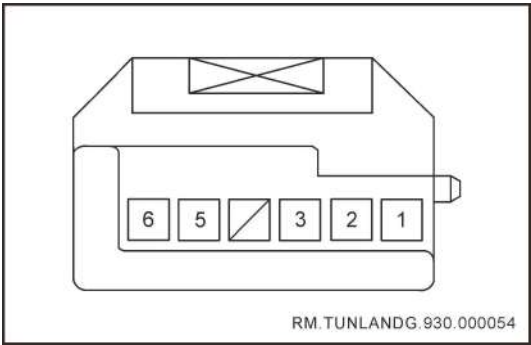
FL

Ter- minal number	Wire diam- eter/c- olor	function
30	0.35 R/W	SOS switch
31	0.35 R/L	SOS-1
32	—	—
33	—	—
34	—	—
35	—	—
36	—	—
37	—	—
38	0.35 G/L	ICAN-H
39	—	—
40	0.35 B	earthing



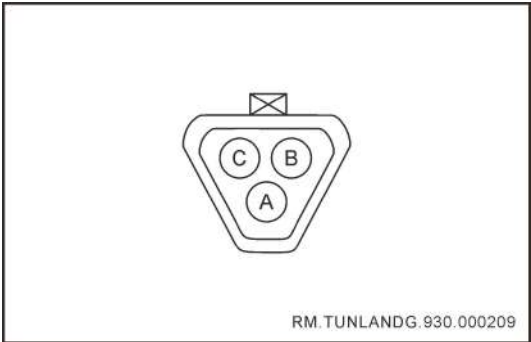
211PC022S5010 FCI
C042 into Co-pilot airbag

Ter- minal number	Wire diame- ter/co- lor	function
1	0.50 G	Co-pilot airbag+
2	0.50 Y	Co-pilot airbag-



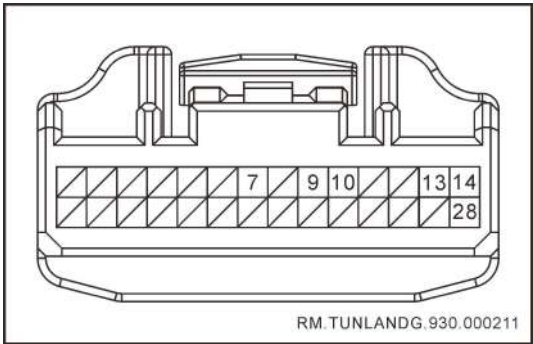
1355081-1 TE
C043 into Circulating servo motor

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 B/L	sensorearthing
2	0.35 V/W	Circulating servo Motor feedback Signal
3	0.35 P/G	sensorpower supply
4	—	—
5	0.50 O	Circulating servo motor+
6	0.50 O/B	Circulating servo motor-



DJ3032Y-1.6 - 21/28 CZT
C044 into Termination resistance

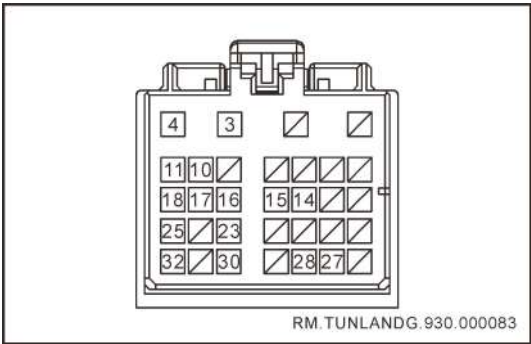
Ter- minal number	Wire diam- eter/c- olor	function
A	—	—
B	0.35 G/L	ICAN-H
C	0.35 Y/L	ICAN-L



1565380 - 1 TE
C046 into T-BOX(2G)

Ter- minal number	Wire diam- eter/c- olor	function
1	—	—
2	—	—
3	—	—
4	—	—
5	—	—
6	—	—
7	0.35 W/G	IGpower supply
8	—	—
9	0.35 Y/L	ICAN-L
10	0.35 G/L	ICAN-H
11	—	—

Ter- minal number	Wire diam- eter/c- olor	function
12	—	—
13	0.35 R	ACC power supply
14	0.35 R/B	Battery power
15	—	—
16	—	—
17	—	—
18	—	—
19	—	—
20	—	—
21	—	—
22	—	—
23	—	—
24	—	—
25	—	—
26	—	—
27	—	—
28	0.35 B	earthing



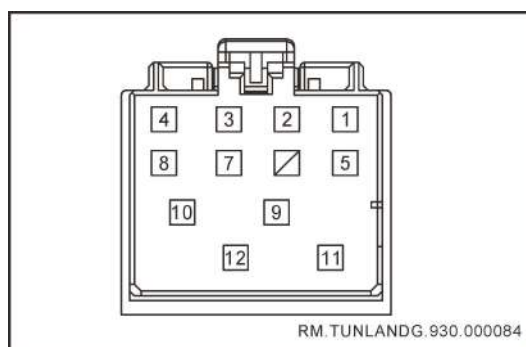
1600280003 MOLEX
C047 into BCM-A grey

FL

FL

Ter- minal number	Wire diam- eter/c- olor	function
1	—	—
2	—	—
3	0.50 B/G	Turn right to the output
4	0.50 G	Left steering output
5	—	—
6	—	—
7	—	—
8	—	—
9	—	—
10	0.35 Gr/W	Braking Signal
11	0.35 W/G	Left switch on the driver's side
12	—	—
13	—	—
14	0.35 Y/B	Central lock input
15	0.35 W/Br	Left rear door glass switch
16	0.35 G/R	Hazard alarm Switch input
17	0.35 O/B	Right front glass switch on the driver's side
18	0.35 L/Y	Right rear glass switch on the driver's side
19	—	—
20	—	—
21	—	—
22	—	—
23	0.35 O	Mechanical unlock input

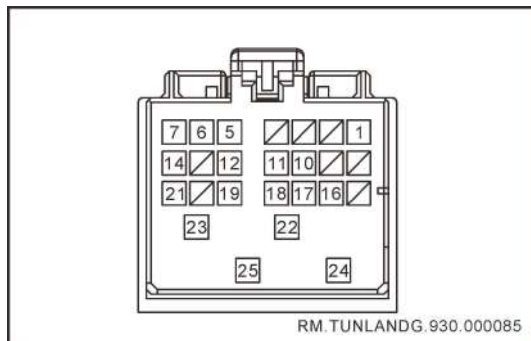
Ter- minal number	Wire diam- eter/c- olor	function
24	—	—
25	0.35 W/O	Right rear door glass switch
26	—	—
27	0.35 V/R	Dipped beam control
28	0.35 W/R	High beam control
29	—	—
30	0.35 L/B	Mechanical latching input
31	—	—
32	0.35 R	Gear mode switch



1600260002 MOLEX
C048 into BCM-B green

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 L	Former Position light power supply
2	0.35 L	Post Position light power supply
3	0.50 R	Brake light output
4	1.00 R	Heated mirrors

Ter- minal number	Wire diam- eter/c- olor	function
5	0.50 R/G	Daytime running lights
6	—	—
7	0.50 L/Y	Reversing light output
8	0.50 O	Backlight power supply
9	1.00 W/R	Energy-saving lamp POWER supply
10	1.00 W/B	Battery power
11	1.50 R/B	Battery power
12	1.50 R/B	Battery power

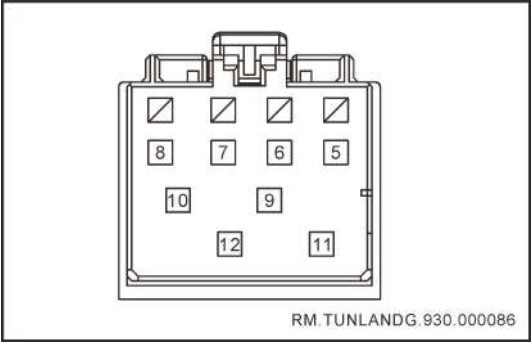


1600270001 MOLEX
C050 into BCM-D green

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 Y/R	Mechanical lock feedback
2	—	—
3	—	—
4	—	—

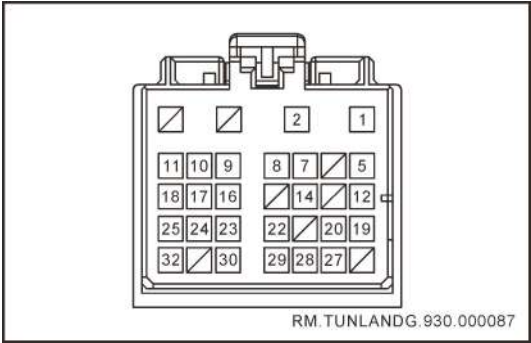
Ter- minal number	Wire diam- eter/c- olor	function
5	0.35 V/P	LIN-1
6	0.35 V	Energy-saving lamp feedback
7	0.35 W	Gear mode switch
8	—	—
9	—	—
10	0.35 B/R	Wiper stop switch
11	0.35 G/W	BCAN-H
12	0.35 G/L	LIN-2
13	—	—
14	0.35 R/Y	EPB switch
15	—	—
16	0.35 R/Y	Gear mode switch
17	0.35 W/P	Glass forbidden switch
18	0.35 Y/W	BCAN-L
19	0.35 B/Y	The front radar is Off instructions
20	—	—
21	0.35 W	Hazard alarm work indication
22	2.00 R/B	Glass rise control
23	1.50 W	Battery power
24	2.0 R/W	Glass drop control

Ter- minal number	Wire diam- eter/c- olor	function
25	2.50 B	earthing



1600260001 MOLEX
C051 into BCM-C black

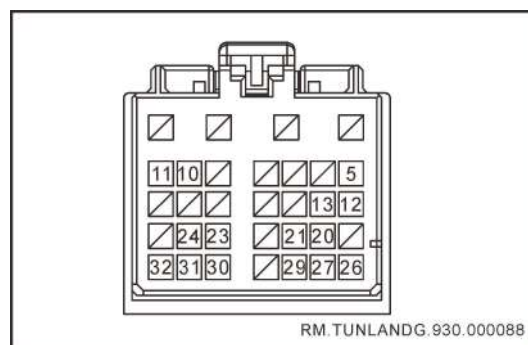
Ter- minal number	Wire diam- eter/c- olor	function
1	—	—
2	—	—
3	—	—
4	—	—
5	1.50 B/R	Four door locks
6	1.00 B	earthing
7	0.35 W	License plate light output
8	0.35 B/W	Rear fog lamp output
9	1.50 L	Non-driver door unlocking
10	0.75 L/B	Driver door unlocked
11	1.0 W/R	Battery power
12	0.50 G	Wash pump output



1600280002 MOLEX
C052 into BCM-E blue

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 R/Y	Energy-saving power supply output
2	0.50 L/W	Electronic steering column lock power supply
3	—	—
4	—	—
5	0.35 R	One-click launch of Red backlight control
6	—	—
7	0.35 G	Wiper low-speed control
8	0.35 R/G	Horn Relays control
9	0.35 L	Ambient light – blue
10	0.35 R/B	ACC control
11	0.35 Br/L	IG2 control
12	0.35 Y	One-click launch Yellow backlight control
13	—	—
14	0.35 O	High beam control
15	—	—

Ter- minal number	Wire diam- eter/c- olor	function
16	0.35 G/L	One-click start input 1
17	0.35 R/W	IG1 control
18	0.35 W/V	Fog light control
19	0.35 G	One key to launch the Green backlight control
20	0.35 V/W	The left rear glass rises
21	—	—
22	0.35 R	The right front glass is lowered
23	0.35 L	One-click start input 2
24	0.35 Y/R	Wiper high-speed control
25	0.35 L/R	Welcome light output
26	—	—
27	0.35 V/R	The left rear glass is lowered
28	0.35 O/W	The right rear glass rises
29	0.35 Sb/R	The right rear glass descends
30	0.35 W	Right front glass rises
31	—	—
32	0.35W	High Brake light output

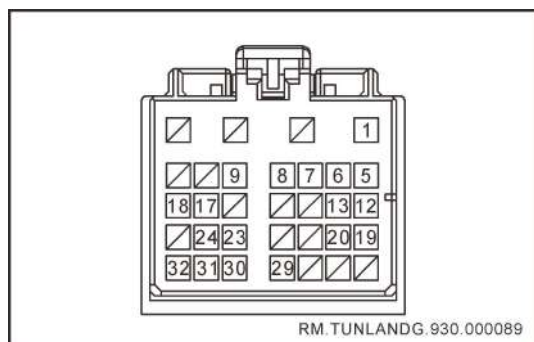


1600280004 MOLEX
C053 into BCM-F purple

Ter- minal number	Wire diam- eter/c- olor	function
1	—	—
2	—	—
3	—	—
4	—	—
5	0.35 W/B	Left rear glass switch on the driver's side
6	—	—
7	—	—
8	—	—
9	—	—
10	0.35 R	Ambient light – red
11	0.35 G	Ambient light – green
12	0.35 G	LIN3 – RFR
13	0.35 Y	Middle combination switch
14	—	—
15	—	—
16	—	—
17	—	—
18	—	—
19	—	—

FL

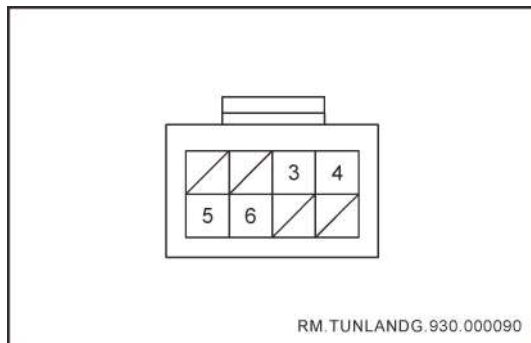
Ter- minal number	Wire diam- eter/c- olor	function
20	0.35 Sb	The left rear door opens the input
21	0.35 W/B	360 indication
22	—	—
23	0.35 Br/R	Mirror heating switch
24	0.35 W/R	Left front door glass switch
25	—	—
26	0.35 G/R	Mirror folding Signal
27	0.35 R/L	The front radar is off
28	0.35 L	Gear mode switch
29	—	—
30	0.35 R	ACC feedback
31	0.35 Y/R	Ambient Light Signal
32	0.35 R/Br	IG1 feedback



1600280001 MOLEX
C054 into BCM-G black

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 O/LL	Electronic steering column lock earthing
2	—	—
3	—	—
4	—	—
5	0.35 W	Low frequency antenna on the left+
6	0.35 W/L	Low frequency antenna on the left-
7	0.35 R/L	Middle low-frequency antenna+
8	0.35 R/Y	Middle low-frequency antenna-
9	0.35 R/B	Cruise OK key
10	—	—
11	—	—
12	0.35 O/B	Right low-frequency antenna+
13	0.35 Gr	Right low-frequency antenna-
14	—	—
15	—	—
16	—	—
17	0.35 P/B	Cabin cover switch input
18	0.35 Br	Middle combination switch
19	0.35 B/L	Rear low-frequency antenna+
20	0.35 B/Y	Rear low-frequency antenna-
21	—	—

Ter- minal number	Wire diam- eter/c- olor	function
22	—	—
23	0.35 L	The left front door Keyless entry
24	0.35 L/W	Right front door Keyless entry
25	—	—
26	—	—
27	—	—
28	—	—
29	0.35 Y	IG2 feedback
30	0.35 Y/B	The right rear door opens the input
31	0.35 V	The right front door opens the input
32	0.35 Y/G	The left front door opens the input

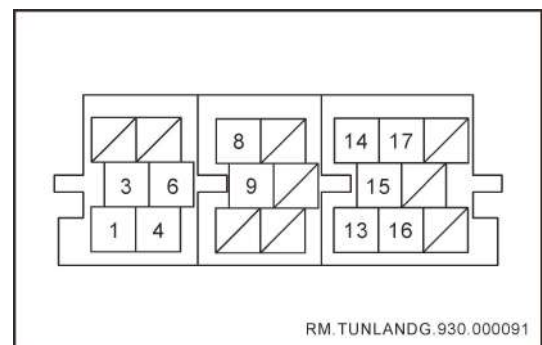


1376352-1 TE

C058 into Console volume adjustment

Ter- minal number	Wire diam- eter/c- olor	function
1	—	—
2	—	—

Ter- minal number	Wire diam- eter/c- olor	function
3	0.35 R/L	Press Signal
4	0.35 B/L	Press Signalearthing
5	0.35 O/R	Volume rotary encoder A
6	0.35 Gr/R	Volume rotary encoder B
7	—	—
8	—	—



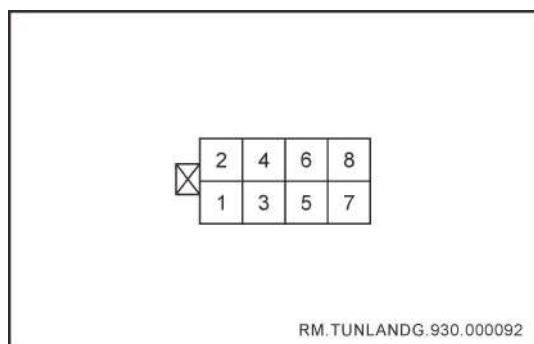
493576-1 Yellow TE

C059 into Headunit

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 R/Y	Camera power supply
2	—	—
3	0.50 B	Video Signal-
4	0.50 R/V	Camera earthing
5	—	—
6	0.50 L	Video Signal+
7	—	—

FL

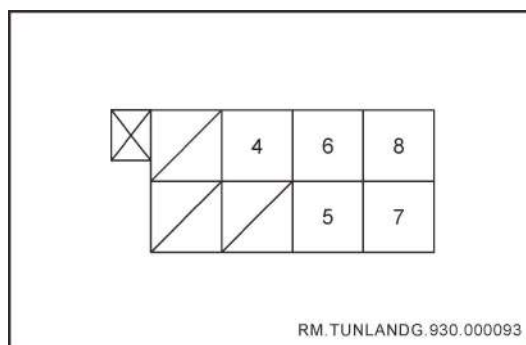
Ter- minal number	Wire diam- eter/c- olor	function
8	0.35 G/R	lineout+
9	0.35 L	lineout-
10	—	—
11	—	—
12	—	—
13	0.35 Gr	MICI_T-BOX
14	0.35 G/W	BCAN-H
15	0.35 Y/W	BCAN-L
16	0.35 L	Co-driver MIC2 - dome light
17	0.50 B	Co-pilot MIC_GND
18	—	—
19	—	—
20	—	—



DJ7082-3.5-21/21 CZT
C060 into CD(B)

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 O	Right rear door speaker+

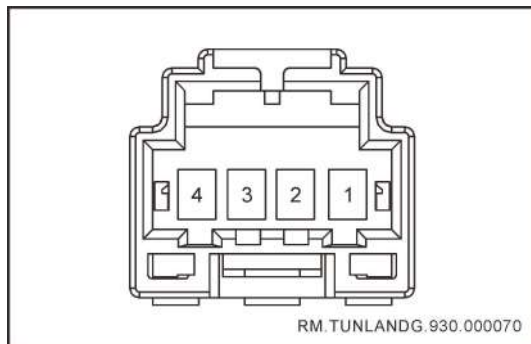
Ter- minal number	Wire diam- eter/c- olor	function
2	0.50 P	Right rear door speaker-
3	0.35 B/R	Right front speaker+
4	0.50 L/G	Right front speaker-
5	0.50 V/W	Left front speaker+
6	0.50 G/B	Left front speaker-
7	0.50 B/R	Left rear door speaker+
8	0.50 G/R	Left rear door speaker-



DJ7082A-3.5-21/20 CZT
C061 into CD(A)

Ter- minal number	Wire diam- eter/c- olor	function
1	—	—
2	—	—
3	—	—
4	1.00 R	ACC power supply
5	0.50 W/G	IG1 power supply

Ter- minal number	Wire diam- eter/c- olor	function
6	0.50 O	Backlight power supply
7	1.00 R/B	Battery power
8	1.00 B	earthing

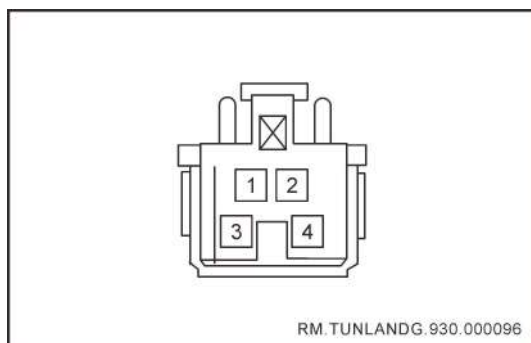


RM. TUNLANDG. 930.000070

936121-1 TE

C062 into Right ambient light

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 L	Ambient light – Blue color
2	0.35 G	Ambient light – Green color
3	0.35 R	Ambient light – Red color
4	0.35 B	earthing

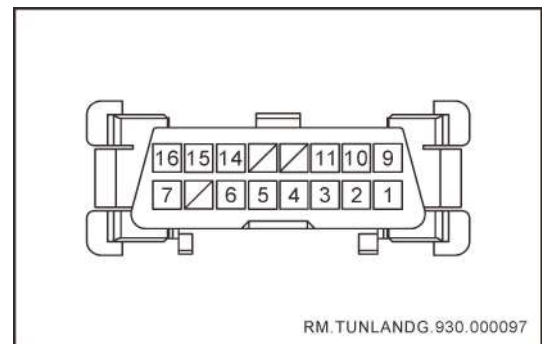


RM. TUNLANDG. 930.000096

1300-3849 SUM

C066 into Brake light switch

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 W/B	Battery power
2	0.35 Gr/W	The brake switch is normally open
3	0.35 O	The brake switch is normally closed
4	0.35 R	Lordreles exports Balsapri-Curb



RM. TUNLANDG. 930.000097

DJ7163-1.8-21 today

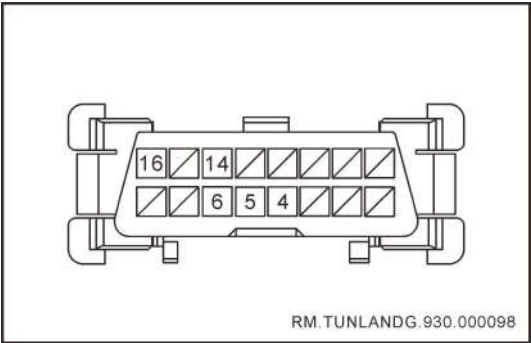
C067 into Diagnostic interface one one

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 G/Br	SCAN-H
2	0.35 G/L	ICAN-H
3	0.35 G/W	BCAM-H
4	0.35 B	earthing
5	0.35 B	earthing
6	0.35 G/R	DCAN-H
7	—	—

FL

Ter- minal number	Wire diam- eter/c- olor	function
8	0.35 G/L	LIN2
9	0.35 Y/Br	SCAN-L
10	0.35 Y/L	ICAN-L
11	0.35 Y/W	BCAN-L
12	—	—
13	—	—
14	0.35 Y/R	DCAN-L
15	0.35 V/P	LIN1
16	0.35 Gr/R	Battery power

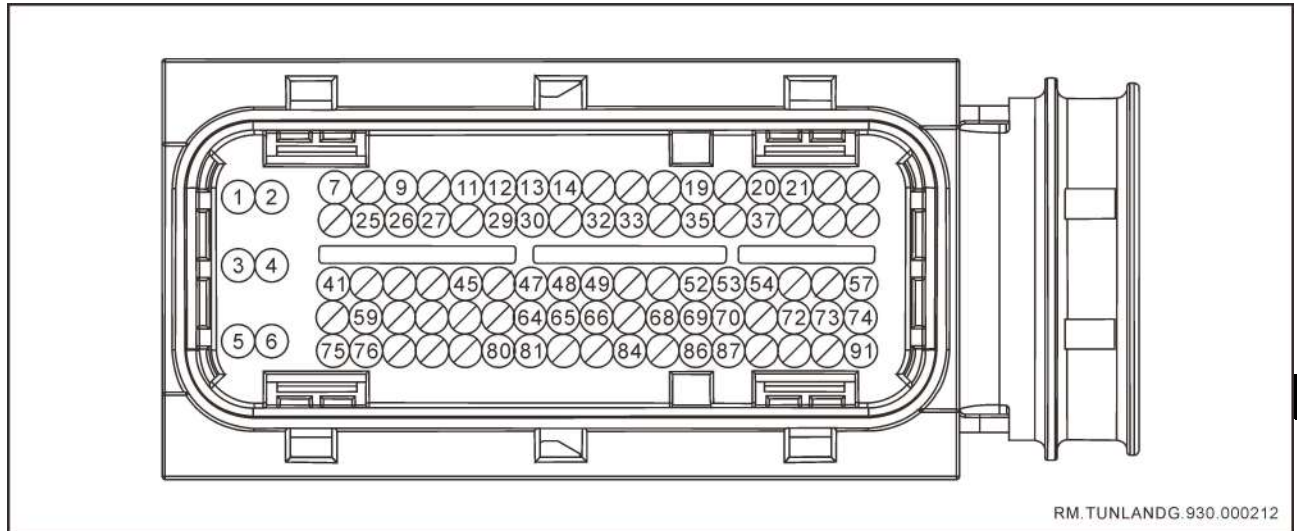
Ter- minal number	Wire diam- eter/c- olor	function
4	0.35 B	earthing
5	0.35 B	earthing
6	0.35 G/B	PCAN-H
7	—	—
8	—	—
9	—	—
10	—	—
11	—	—
12	—	—
13	—	—
6	0.35 G/B	PCAN-H
15	—	—
16	0.35 Gr/R	Battery power



DJ7163-1.8-21 today

C068 into Diagnostic interface one two

Ter- minal number	Wire diam- eter/c- olor	function
1	—	—
2	—	—
3	—	—



1 928 406 306
C063 into Engine ECU

Ter- minal number	Wire diam- eter/c- olor	function
1	2.50 R/B	Lord Relays outputs power supply
2	2.50 B	earthing
3	2.50 R/B	Lord Relays outputs power supply
4	2.50 B	earthing
5	2.50 R/B	Lord Relays outputs power supply
6	2.50 B	earthing
7	0.35 Lg/Y	Fuel temperature sensorearthing
8	—	—
9	0.35 G	Temperature after intercooling Sensorially
10	—	—
11	0.35 G/O	DPF temperature sensorSignal
12	0.35 O	AC switch Signal

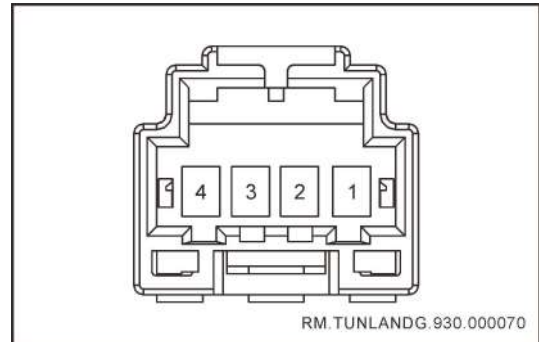
Ter- minal number	Wire diam- eter/c- olor	function
13	0.35 G/B	PCAN-H
14	0.35 Y/B	PCAN-L
15	—	—
16	—	—
17	—	—
18	0.35 L/R	Start the relayearthing
19	—	—
20	0.35 V	Oil pump control
21	0.35 Y/G	Compressor control
22	—	—
23	—	—
24	—	—
25	0.35 G	Differential Pressure sensor ially

FL

Ter- minal number	Wire diam- eter/c- olor	function
26	0.50 L	T7 temperature sensor-
27	0.50 R/G	earthing
28	—	—
29	0.35 L	SCR temperature sensorSignal
30	0.35 Sb	Differential Pressure sensor Signal
31	—	—
32	0.35 L/O	sensor 1 Signal
33	0.35 L/W	sensor 2 Signal
34	—	—
35	0.50 R	USB port power supply
36	—	—
37	0.75 G	PWMSignal
38	—	—
39	—	—
40	—	—
41	0.35 Gr/B	Differential Pressure sensor power supply
42	—	—
43	—	—
44	—	—
45	0.35 Lg/R	Fuel temperature sensorSignal
46	—	—
47	0.50 Y	T7 temperature sensor+
48	0.35 W/Y	sensor 1 power supply

Ter- minal number	Wire diam- eter/c- olor	function
49	0.35 Y/L	sensor 2 power supply
50	—	—
51	—	—
52	0.35 B/R	Medium voltage switch Signal
53	0.50 O	Warm up the controller DI
54	0.35 Gr/W	The brake switch is normally open
55	—	—
56	—	—
57	0.50 P	Warm up the controller ST
58	—	—
59	0.35 Br/Y	Air flow meter Signa l 3 - DO1
60	—	—
61	—	—
62	—	—
63	—	—
64	0.35 W	Temperature sensorSignal after intercooling
65	0.35 L/P	sensor1earthing
66	0.35 L/V	sensor2earthing
67	—	—
68	0.35 L/W	Manual regeneration switch
69	0.35 P	Lord Relays control
70	0.35 Y/L	Oil water sensor

Ter- minal number	Wire diam- eter/c- olor	function
71	—	—
72	0.35 B/O	Start the relay power supply
73	0.35 Y	SCR Relay power supply
74	0.75 G	Oil solenoid valve
75	0.35 R/Br	IG1 power supply
76	0.35 Br/W	Air flow meter temperature 2 - DO1
77	—	—
78	—	—
79	—	—
80	0.35 Y/R	DCAN-L
81	0.35 G/R	DCAN-H
82	—	—
83	—	—
84	0.50 Br	Engine LIN
85	—	—
86	0.35 Br/G	Air flow meter Signal 1 - DO1
87	0.35 B/R	Air flow meter Signal 4 - DO1
88	—	—
89	—	—
90	—	—
91	0.50 R/B	Battery power

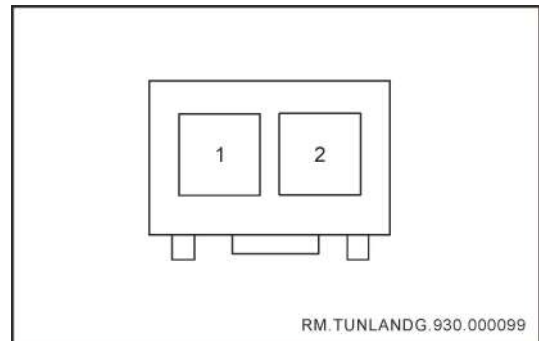


936121-1 TE

C069 into Ambient light on the left

FL

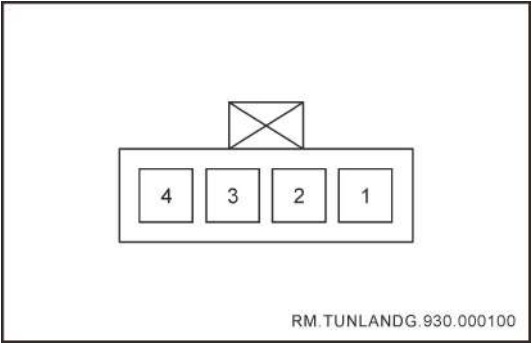
Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 L	Ambient light - Blue color
2	0.35 G	Ambient light - Green color
3	0.35 R	Ambient light - Red color
4	0.35 B	earthing



S02-QCC-1A-Y JST

C070 into Clock spring (gas generation)

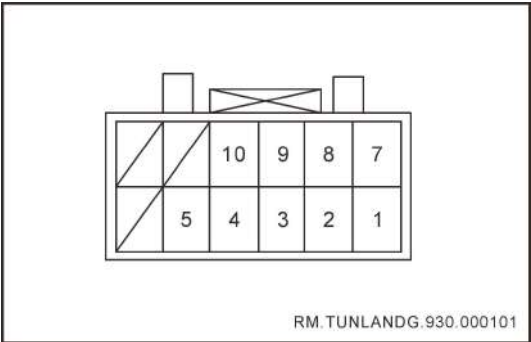
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 B/R	Main driver's seat airbag+
2	0.50 Br/R	Main driver's seat airbag-



936119-2 TE

C071 into Corner sensor

Ter-minal number	Wire diam-eter/c-olor	function
1	0.35 B	earthing
2	0.35 O/R	IG1 power supply
3	0.35 G/Br	SCAN-H
4	0.35 Y/Br	SCAN-L

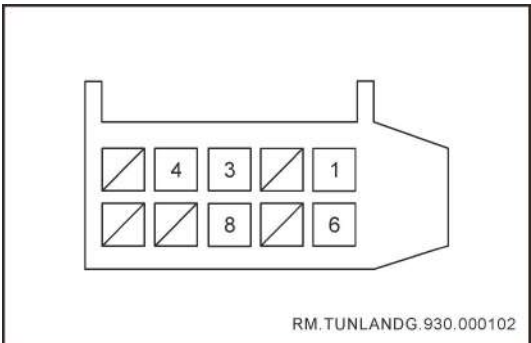


SHC2PB-12-2AK JST

C072 into Clock spring

Ter-minal number	Wire diam-eter/c-olor	function
1	0.35 Gr/R	Battery power
2	0.35 B	earthing

Ter-minal number	Wire diam-eter/c-olor	function
3	0.50 V/P	LIN1
4	0.35 O	Backlight power supply
5	0.35 B	earthing
6	—	—
7	0.35 R/G	Horn switch Signal
8	0.35 B	earthing
9	0.35 L	Audio switch Signal
10	0.35 B	earthing
11	—	—
12	—	—



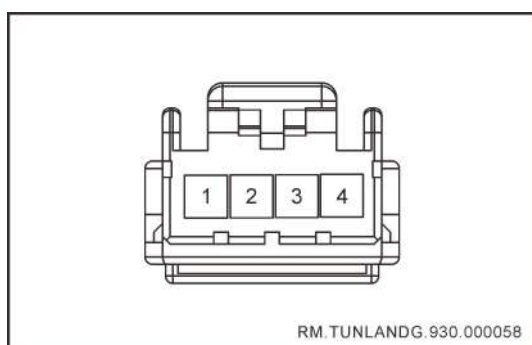
enclosure: 1-1534170-2 TE

Inner core: 1534125-1 TE

C073 into Combination switch

Ter-minal number	Wire diam-eter/c-olor	function
1	0.50 V/P	LIN1
2	—	—
3	0.35 B	earthing

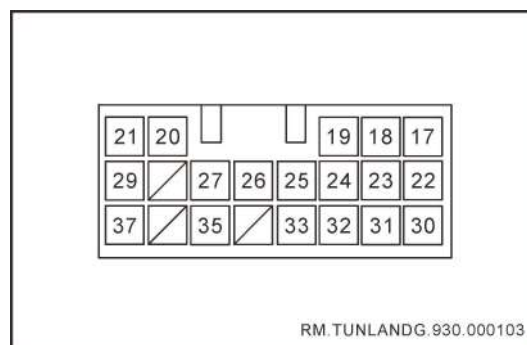
Ter- minal number	Wire diam- eter/c- olor	function
4	0.35 Gr/R	Battery power
5	—	—
6	0.35 R/B	Cruise OK key
7	—	—
8	0.35 O/R	IG1 power supply
9	—	—
10	—	—



174922-1 TE

C074 into Electronic steering column lock

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 B	earthing
2	0.50 L/W	Electronic steering column lock power supply
3	0.50 G/L	LIN2
4	0.50 O/L	Electronic steering column lock earthing



MG622390 KET

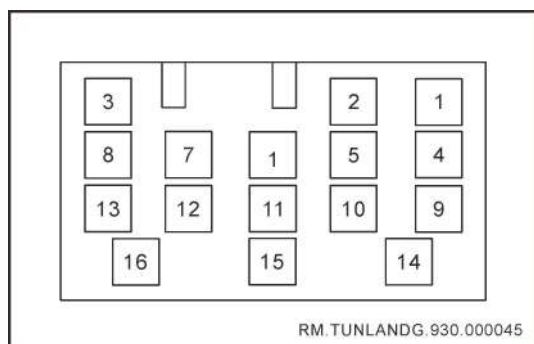
C075 into Engine compartment wiring
harness1

FL

Ter- minal number	Wire diam- eter/c- olor	function
17	0.35 Br/Y	Oil pressure switch
18	0.35 Gr/W	Braking Signal
19	0.35 R/B	Charging indication
20	0.35 W	Left rear wheel speed sensor Signal
21	0.35 W/R	Left rear wheel speed sensor power supply
22	0.35 Y	Vacuum level alarm Signal
23	0.50 G/W	Right rear wheel speed sensor Signal
24	0.50 L/B	Right rear wheel speed sensor power supply
25	0.75 G	PWMSignal
26	0.35 Br/Y	ESP-OFF
27	0.35 G/Y	HDC
28	—	—
29	0.35 G	Wiper low-speed control

FL

Ter- minal number	Wire diam- eter/c- olor	function
30	0.35 B/R	Wiper stop signal
31	0.35 G	Wiper washing
32	0.50 R/W	Outdoor Temperature Signal
33	0.35 G/R	Brake level alarm
34	—	—
35	0.35 P/B	Cabin cover contact Signal
36	—	—
37	0.35Y/ R	Wiper high-speed control

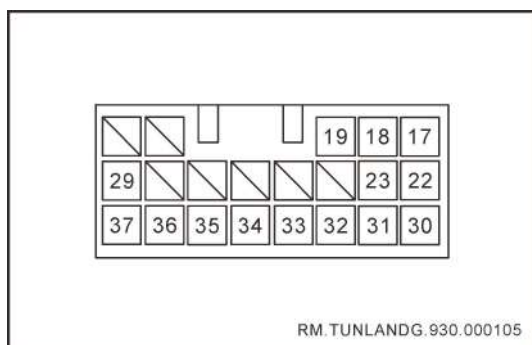


MG622390 KET

C076 into Engine compartment wiring
harness2

Ter- minal number	Wire diam- eter/c- olor	function
4	0.35 Y/Br	SCAN-L
5	0.50 W	AEBCAN-L
6	0.50 R/W	AEBCAN-H
7	0.35 Y/Br	SCAN-L
8	0.35 O/B	High and low voltage switch Signal
9	0.35 G/Br	SCAN-H
10	0.35 Y/G	Compressor control
11	0.35 R/B	AUTO HOLD work instruction - control
12	0.35 G/Br	SCAN-H
13	0.35 B/R	Medium voltage switch Signal
14	2.50 V	EPB actuator Signal
15	1.50 R/Y	Oil pump power supply
16	2.50 W	EPB actuator power supply

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 O/R	IG1 power supply
2	0.50 R	Lordreles exports Balsapri-Curb
3	0.35 V	Oil pump control

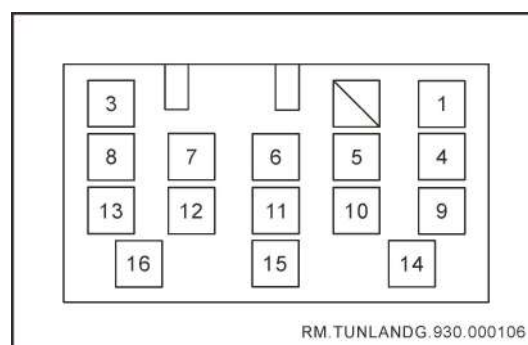


MG622390-5 KET

C077 into Engine compartment wiring
harness3

Ter- minal number	Wire diam- eter/c- olor	function
17	0.35 Br/G	Air flow meter Signa I1 - DO1
18	0.35 Br/W	Air flow meter temperature2 - DO1
19	0.35 Y	IG2power supply-Diesel heats Relays
20	—	—
21	—	—
22	0.35 Br/Y	Air flow meter Signa I3 - DO1
23	0.35 B/R	Air flow meter Signa I4 - DO1
24	—	—
25	—	—
26	—	—
27	—	—
28	—	—
29	0.35 Y/R	DCAN-L
30	0.35 Sb	Differential Pressure sensor Signal

Ter- minal number	Wire diam- eter/c- olor	function
31	0.35 G	Differential Pressure sensor ially
32	0.35 Gr/B	Differential Pressure sensor power supply
33	0.75 P	The urea tube heats the power supply
34	0.50 W/B	Urea mass temperature Sensorially
35	0.50 W/R	Urea mass temperature sensorSignal
36	0.35 R	Start feedback
37	0.35 G/R	DCAN-H



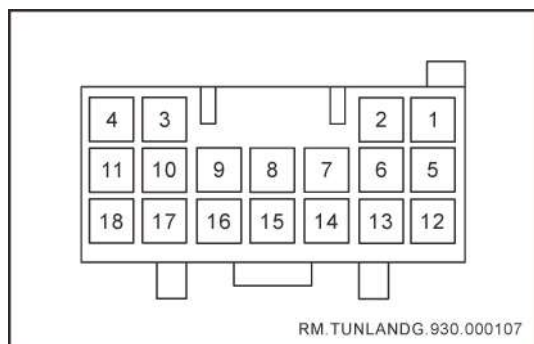
MG622390-5 KET

C078 into Engine compartment wiring
harness8

Ter- minal number	Wire diam- eter/c- olor	function
1	0.75 G	Oil solenoid valve
2	—	—
3	0.35 Lg/Y	Fuel temperature sensorearthing
4	1.00 P	Urea supply pumppower supply

FL

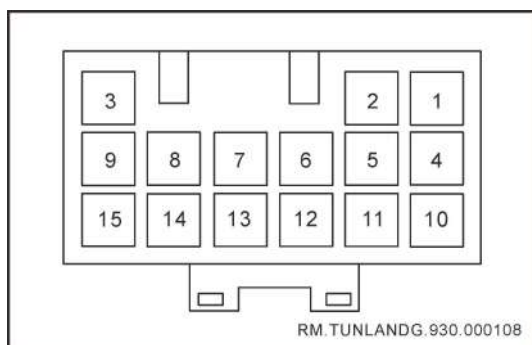
Ter-minal number	Wire diam-eter/c-olor	function
5	1.00 Gr	Urea supply pump power supply
6	1.00 L	Urea recovery pump earthing
7	1.00 L	SCR temperature sensor earthing
8	0.35 L	SCR temperature sensor Signal
9	0.75 V	Exhaust back pressure valve control 1
10	0.75 Y	Exhaust back pressure valve control 2
11	1.00 Br	The urea tank heats the power supply
12	0.50 O	Warm up the controller DI
13	0.50 P	Warm up the controller ST
14	2.50 O	Right rear EPB actuator power supply
15	2.50 G/R	Right rear EPB actuator Signal
16	0.35 Y/L	Oil water sensor



MG641572 KET

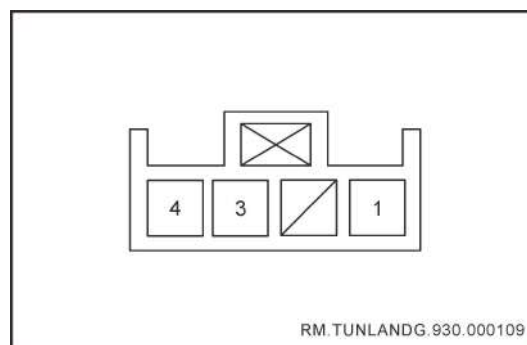
C079 Pick up the cabin wiring harness 4

Ter-minal number	Wire diam-eter/c-olor	function
1	0.50 O	Back pressure valve position sensor power supply
2	0.35 Lg/R	Fuel temperature sensor Signal
3	0.35 W	Temperature sensor Signal after intercooling
4	0.35 P	Lord Relays control
5	0.75 R/Y	Front camera power supply
6	0.75 Gr	Front camera power Supply land
7	0.35 G	Temperature after intercooling Sensorially
8	0.35 W/R	Right dipped beam control
9	0.35 W/V	Fog light control
10	0.35 B/G	Right turn signal
11	0.35 G	Left turn signal
12	0.75 R/B	Front camera Signal
13	0.50 Br	Front camera Signally
14	0.50 Lg/Y	Back pressure valve position sensor earthing
15	0.50 L	Back pressure valve position Signal
16	0.35 O	High beam control
17	0.35 V/R	Dipped beam control
18	0.35 R/G	Horn control



MG641071-2 KET

C080 into Engine compartment wiring
harness5



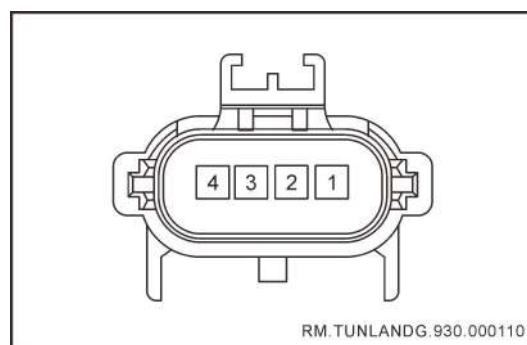
MG641928 KET

C081 into Engine compartment wiring
harness6

FL

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 Y/R	Light level adjustment power supply
2	0.35 W/G	IG1 power supply – radar
3	0.35 G	Dimming motor signals
4	0.50 V/P	LIN1 – front radar
5	0.50 Br	Engine LIN
6	0.35 B/O	Start the relaypower supply
7	0.35 L/R	Start the relayearthing
8	0.50 R/G	earthing
9	0.50 R/G	Daytime running lights
10	0.35 Y	EPB pulls up Signal input
11	0.35 Lg	EPB releases Signal input
12	0.35 Br	Pull up Signal
13	0.35 W	Release Signal
14	0.35 P	AUTO HOLD switching output
15	0.35 L	Front position light

Ter- minal number	Wire diam- eter/c- olor	function
1	6.00 R	Instrument fuse box POWER supply 1
2	—	—
3	4.00 R/B	ECULord Relays outputs power supply
4	4.00 R/G	Instrument fuse box POWER supply 2



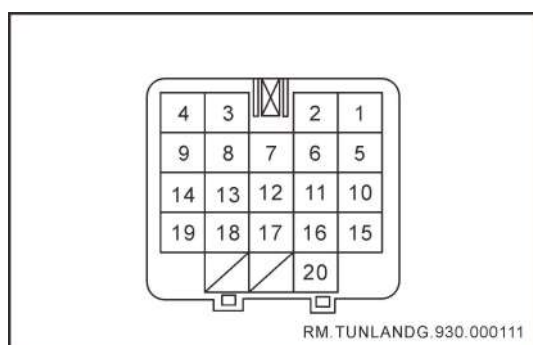
54550413 FCI

C082 into Engine compartment wiring
harness
7

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 Y/O	Left front collision sensorSignal

Ter- minal number	Wire diam- eter/c- olor	function
2	0.50 Y/R	Left front collision sensorearthing
3	0.50 B/O	Right front collision sensorSignal
4	0.50 B/R	Right front collision sensorearthing

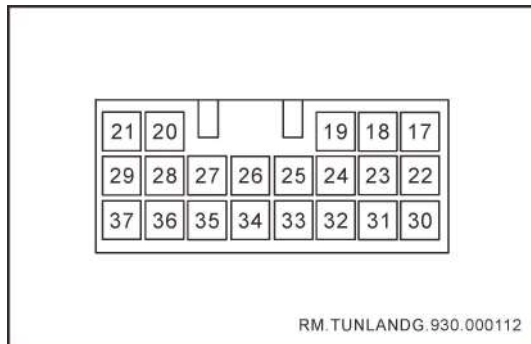
FL



Plugs: MG620838 KET
C083Earthing board harness4

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 G/W	Sub-Seat heating feedback Signa l1
2	0.50 L	360 - HeadunitSignal
3	0.35 W	Low frequency antenna on the left+
4	0.35 B/L	Rear low-frequency antenna+
5	0.35 B/W	Sub-Seat heating feedback Signa l2
6	0.50 B	360 - HeadunitSignal
7	2.50 W	Left rear EPB actuator power supply
8	0.35 W/L	Low frequency antenna on the left-

Ter- minal number	Wire diam- eter/c- olor	function
9	0.35 B/Y	Rear low-frequency antenna-
10	0.35 L/W	Sub-Seat heating feedback Signa l3
11	0.50 Gr/W	Right Camera power supply
12	0.50 Gr	Right Camera power Supplyland
13	0.50 R/V	Front camera power supply
14	0.35 O/B	Right low-frequency antennapower supply
15	0.35 G	Sub-seat heating outputs Signa l
16	0.50 W/B	Right camera Signal
17	0.50 Br	Right camera Signally
18	0.50 R/Y	Former Camera earthing
19	0.35 Gr	Right low-frequency antennaeearthing
20	0.50 L/R	High Brake light output
21	—	—
22	—	—



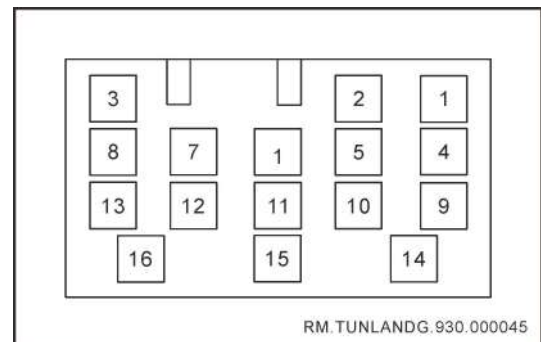
MG622390 KET

C084 Earthing board harness5

Ter- minal number	Wire diam- eter/c- olor	function
17	0.35 W/O	Right rear door power window control Signal
18	0.35 Br	Occupant locks
19	0.35 Y/W	Driver lock
20	0.50 B/R	Occupant detection Signal
21	0.35 W/Br	Left rear door power window control Signal
22	0.35 R/B	Rear left seat belt alarm
23	0.35 Y/R	The middle of the rear row detects the Signal
24	0.50 P	Right rear speaker+
25	0.50 O	Right rear speaker-
26	0.35 Sb	Left rear door switch input
27	0.35 Sb/R	Right rear door and window down control
28	0.35 V/W	Left rear door and window rise control
29	0.35 V/R	Left rear door and window lowering control
30	0.35 L	Rear position light

Ter- minal number	Wire diam- eter/c- olor	function
31	0.35 R/W	Rear fog lamp output
32	0.50 L/Y	Reversing light output
33	0.35 G	LIN3 - RFR
34	0.35 Y/G	The left front door opens the input
35	0.35 O/W	Right rear door and window rise control
36	0.35 V	The right front door opens the input
37	0.35 Y/B	The right rear door opens the input

FL



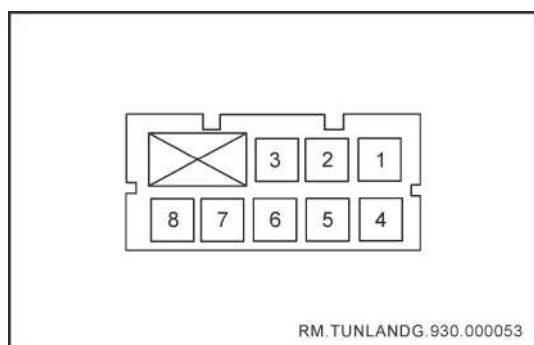
MG622390 KET

C085 Earthing board harness6

Ter- minal number	Wire diam- eter/c- olor	function
1	2.00 L	Non-Driver side unlock
2	2.00 B/R	Non-Driver side latching
3	0.35 G/R	DCAN-H
4	0.35 G	Left steering output

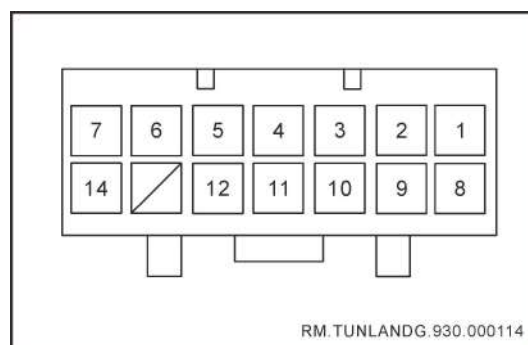
FL

Ter- minal number	Wire diam- eter/c- olor	function
5	0.35 B/G	Turn right to the output
6	0.35 G/R	DCAN-H
7	0.35 W	License plate light output
8	0.35 Y/R	DCAN-L
9	0.50 R	Brake light output
10	0.35 G/B	LIN2 - Rear radar
11	0.35 Y/R	DCAN-L
12	0.35 O	Backlight power supply
13	0.35 R/Y	Right alarm light
14	2.50 V	Left rear EPB actuator Signal
15	2.0 V	Battery power-Rear power windows
16	2.0 V	Battery power-Rear power windows



08HIC-P-2A JST
C086Earthing board harness7

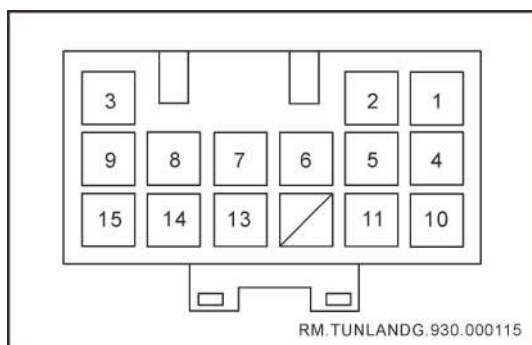
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 G/B	The passenger seat belt is pre-tensioned earthing
2	0.50 G/R	The passenger seat belt is pre-tensioned power supply
3	0.50 Y/R	The right seat belt of the second row is pretensioned power supply
4	0.50 Y/B	The right seat belt of the second row is pretensioned earthing
5	0.50 G/O	Co-pilot side airbag spower supply
6	0.50 G/Y	Co-pilot side airbag searthing
7	0.50 G/L	Right collision sensorSignal
8	0.50 G/W	Right collision sensorearthing



936209-1 TE
C087 into Right front door harness1

Ter- minal number	Wire diam- eter/c- olor	function
1	0.5 R	Heated mirrors

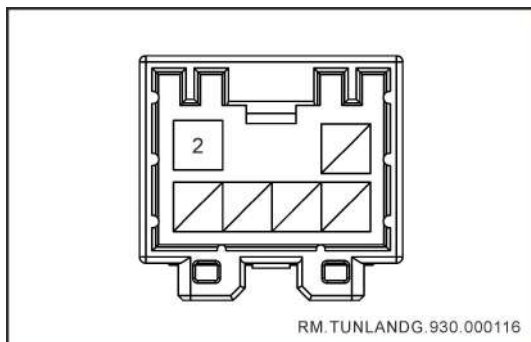
Ter- minal number	Wire diam- eter/c- olor	function
2	0.35 W/R	Right front door glass switch
3	0.35 O	Backlight power supply
4	0.50 B/R	Right front speaker+
5	0.50 L/G	Right front speaker-
6	0.35 R/G	Mirror adjustment
7	0.35 R/O	Mirror adjustment
8	0.35 L/R	Mirror adjustment
9	0.35 W	Glass rise control
10	0.35 R	Glass drop control
11	0.35 B/G	Right Turn signal power supply
12	0.35 L/R	Right welcome light
13	—	—
14	0.35 L/W	Right front door Keyless entry



MG641071-2 KET

C088 into Right front door harness2

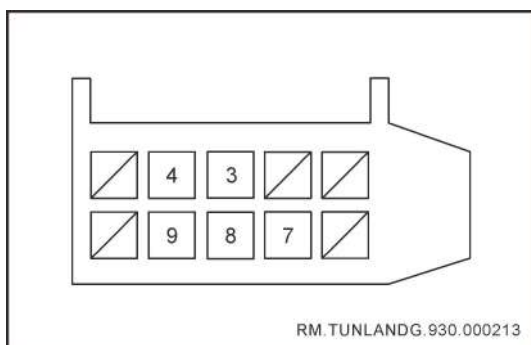
Ter- minal number	Wire diam- eter/c- olor	function
1	0.75 L	Non-Driver side latching
2	0.75 B/R	Non-Driver side unlock
3	2.00 B	earthing
4	0.50 Gr/W	Right Camera power supply
5	0.50 W/B	Right camera Signal
6	0.35 L	Ambient light – Blue color
7	0.35 G	Ambient light – Green color
8	0.35 R	Ambient light – Red color
9	2.00 W	Right front door glass power supply
10	0.50 Br	The right camera shields the ground
11	0.50 Gr	The right camera shields the ground
12	—	—
13	0.50 R/B	Folding motor+
14	0.50 R/W	Folding motor-
15	0.35 R/Y	Right blind zone alarm light



936271 - 1 - TE

C089 into Ceiling Harness assembly

Ter- minal number	Wire diam- eter/c- olor	function
1	—	—
2	1.50 R	Sunroof Motorpower supply
3	—	—
4	—	—
5	—	—
6	—	—

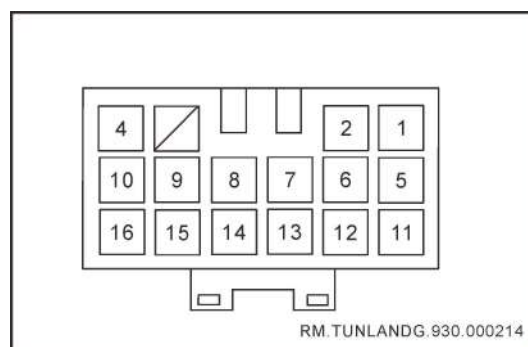


1-1534170 - 1 TE

C090 into Electronic shifter

Ter- minal number	Wire diam- eter/c- olor	function
1	—	—
2	—	—

Ter- minal number	Wire diam- eter/c- olor	function
3	0.50 B	earthing
4	0.35 G/B	PCAN-H
5	—	—
6	—	—
7	065 W/R	Battery power
8	0.35 Lg	IG1 power supply
9	0.35 Y/B	PCAN-L
10	—	—

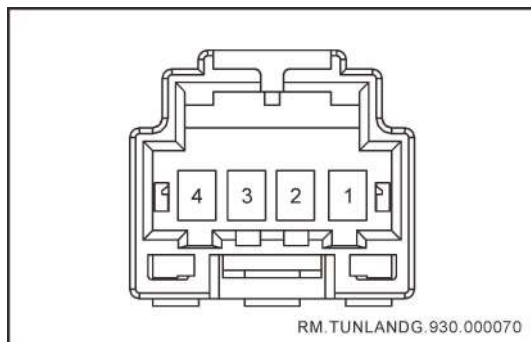


PP0488101 - THB

C091 into Transmission harness assembly

Ter- minal number	Wire diam- eter/c- olor	function
1	0.75 W/R	Battery power
2	1.25 Br	The synchronizer controls the coil+
3	—	—
4	0.50 R/Br	IG1 power supply

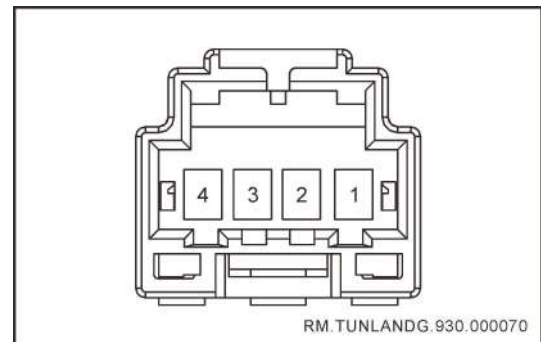
Ter- minal number	Wire diam- eter/c- olor	function
5	0.50 W/B	Motor position 2
6	0.50 O/W	Motor position 1
7	0.50 Y/B	PCAN-L
8	0.50 G/B	PCAN-H
9	0.75 B	earthing
10	0.50 V	Motor position 3
11	0.50 Y/L	Motor position 4
12	0.50 Y/W	earthing
13	2.00 Y	The motor controls low speed – high speed
14	2.00 O	The motor controls high speed – low speed
15	0.50 Y/B	PCAN-L
16	0.50 G/B	PCAN-H



936121-1 TE

C092 into the middle right ambient light band

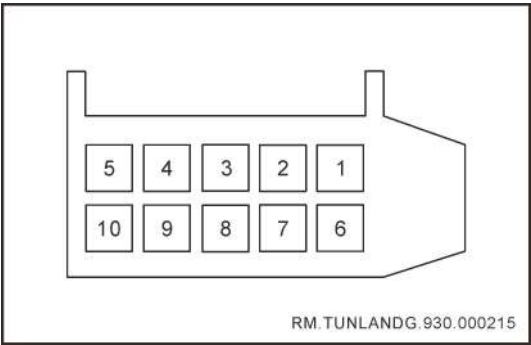
Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 L	Ambient light – Blue color
2	0.35 G	Ambient light – Green color
3	0.35 R	Ambient light – Red color
4	0.35 B	earthing



936121-1 TE

C093 into the middle Ambient light on the left
band

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 L	Ambient light – Blue color
2	0.35 G	Ambient light – Green color
3	0.35 R	Ambient light – Red color
4	0.35 B	earthing

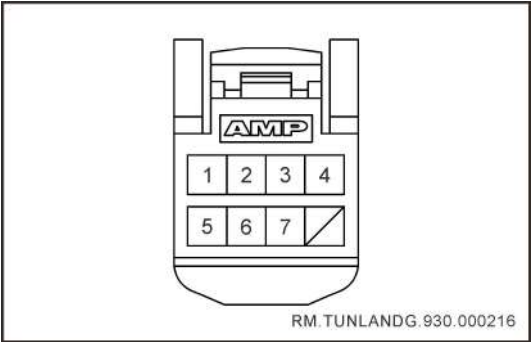


1 - 1534170 - 2 TE

C094 into EPB switch

FL

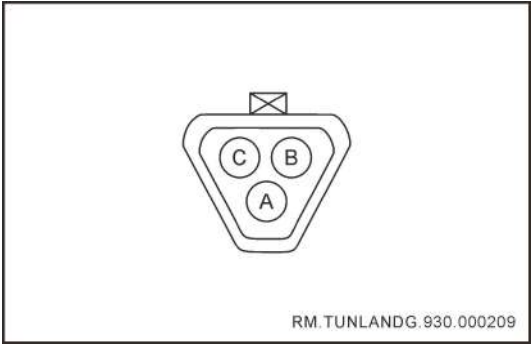
Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 R/B	AUTO HOLD work instruction - control
2	0.35 R/Y	EPB switch
3	0.35 P	AUTO HOLD switching output
4	0.50 O/R	IG1 power supply
5	0.35 W	Release the Signal output
6	0.35 B	earthing
7	0.50 Br	Pull up Signal
8	0.35 Lg	EPB releases Signal input
9	0.35 O	Backlight power supply
10	0.35 Y	EPB pulls up Signal input



1376352 - 1 TE

C095 into Gear mode switch

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 O	Backlight power supply
2	0.35 Y	Gear mode switch
3	0.35 W	Gear mode switch
4	0.35 B	earthing
5	0.35 B	earthing
6	0.35 L	Gear mode switch
7	0.35 R	Gear mode switch
8	—	—

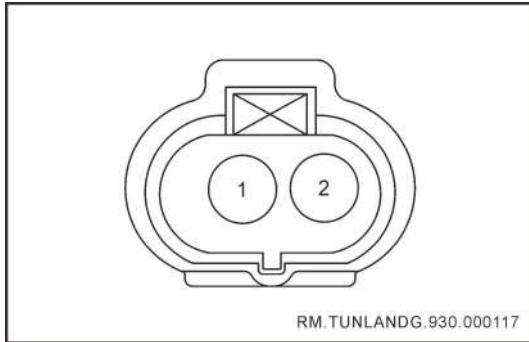


DJ3032Y-1.6 - 21/28 CZT

C096 into Termination resistance

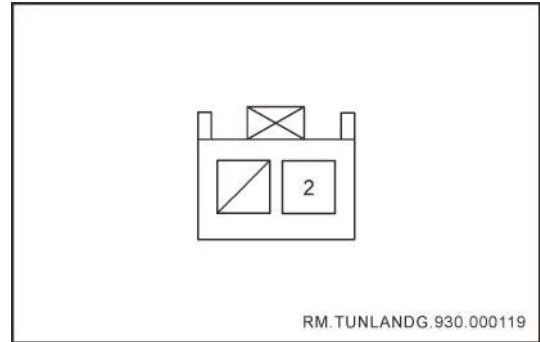
Ter- minal number	Wire diam- eter/c- olor	function
1	—	—
2	0.35 G/R	DCAN-H
3	0.35 Y/R	DCAN-L

Floor harnesses



2-1718643-1 TE

D001 into Left rear collision sensor

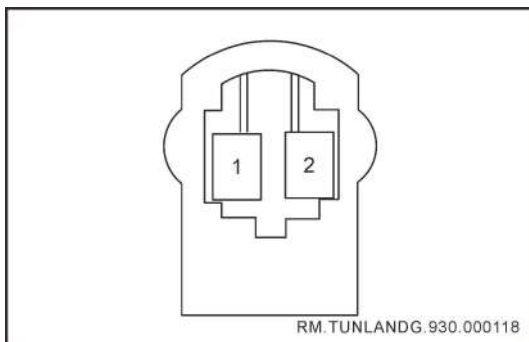


DJ7021Y-1.2-21/20 CZT

D003 into Left front door light switch

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 R/B	Left rear collision sensorearthing
2	0.50 R/O	Left rear collision sensorSignal

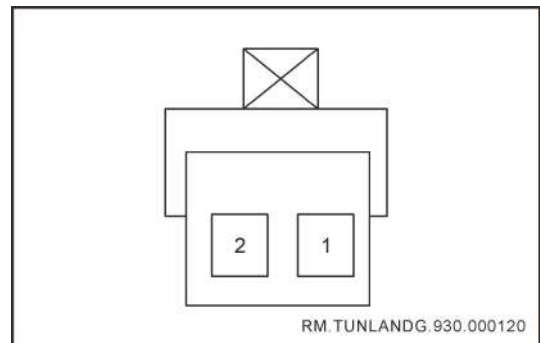
Ter- minal number	Wire diam- eter/c- olor	function
1	—	—
2	0.50 Y/G	The left front door opens Signal



1376688-1 TE

D002 into The main driver's seat belt is pre-tensioned

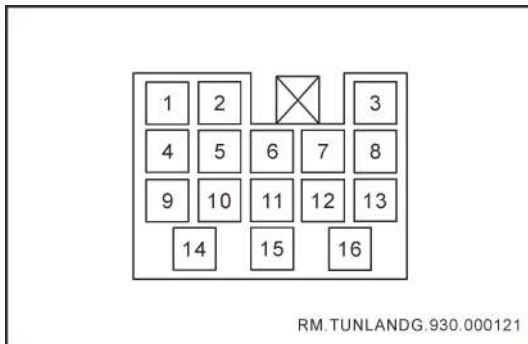
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 Br/G	The main driver's seat belt is pre-tensioned power supply
2	0.50 Br/Y	The main driver's seat belt is pre-tensioned earthing



211PC022S0149 FCI

D004 into Low frequency antenna on the left

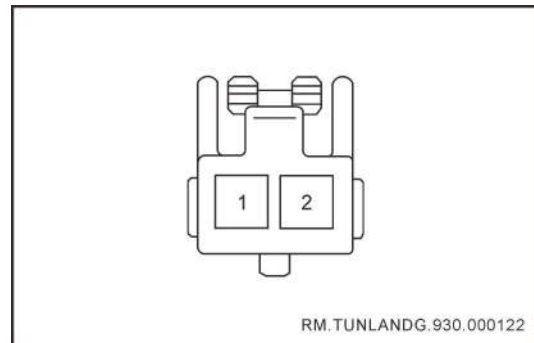
Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 W/L	Low frequency antenna on the leftearthing
2	0.35 W	Low frequency antenna on the leftpower supply



MG612391 KET

D005 into Instrument harness 2

Ter- minal number	Wire diam- eter/c- olor	function
14	1.00 Br	Urea tank heating – source
15	2.50 G/R	Right rear EPB actuator Signal
16	2.50 O	Right rear EPB actuator power supply

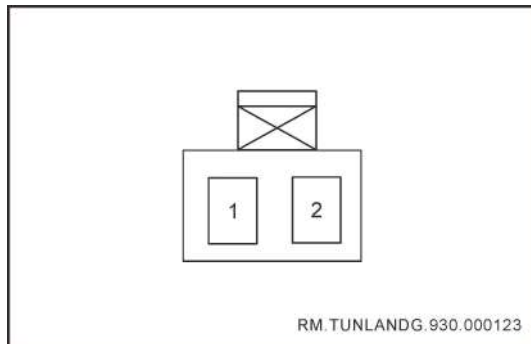


MG610392 KET

D006 into Rear left seat belt alarm

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 W/G	IG1 power supply
2	0.35 Y/W	BCAN-L
3	1.00 Br/Y	Heated rear windshield
4	0.75 V	Exhaust back pressure valve control1
5	0.35 B/L	Fuel level Signalearthing
6	1.00 Y/B	Urea mass temperature sensorpower supply
7	0.35 G/W	BCAN-H
8	0.35 R/L	Fuel volume Signal
9	0.75 Y	Exhaust back pressure valve control2
10	1.00 L	Urea recovery pump–
11	1.50 R/Y	Oil pump power supply
12	0.35 Y/W	BCAN-L
13	0.35 G/W	BCAN-H

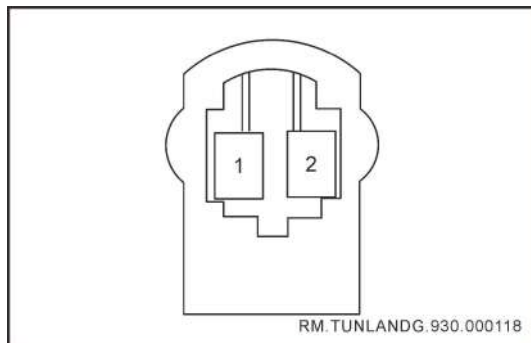
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 R/B	Occupant on the left side of the back row detection Signal input
2	0.50 R/Y	Rear left seat belt alarmSignal



988171021 Molex

D007 into Rear Row Left Member Monitoring
Sensor (SBR)

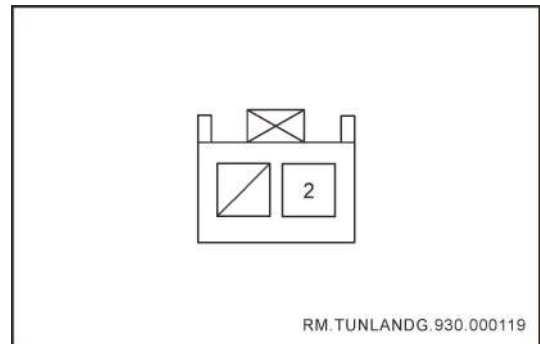
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 R/B	The rear left member detects Signal output
2	0.50 B	earthing



1376688-1 TE

D008 into The left seat belt in the second row
is pretensioned

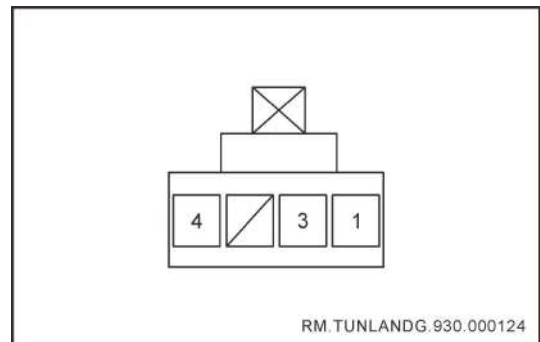
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 L/R	The second row of seat belts is pretensioned power supply
2	0.50 L/B	The second row of seat belts is pretensioned earthing



DJ7021Y-1.2-21/20 CZT

D009 into Left rear door light switch

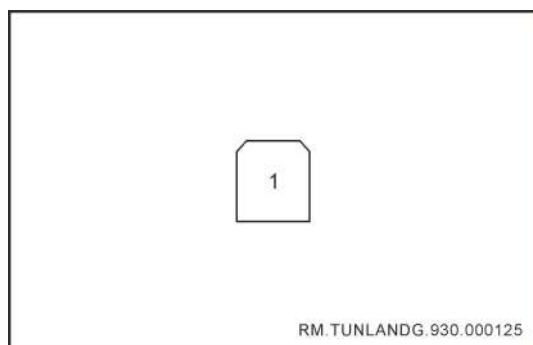
Ter- minal number	Wire diam- eter/c- olor	function
1	—	—
2	0.50 Sb	Left rear door switch Signal



1473672-1 TE

D010 into RFR key fob into receiver

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 B	earthing
2	0.35 G	LIN3 - RFR
3	—	—
4	0.35 B/R	Battery power

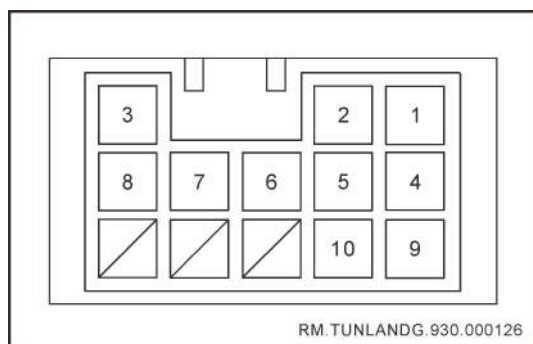


172320-2 TE

D011 into left posterior defrost+

FL

Ter- minal number	Wire diam- eter/c- olor	function
1	1.00 Br/Y	Post-defrost power supply

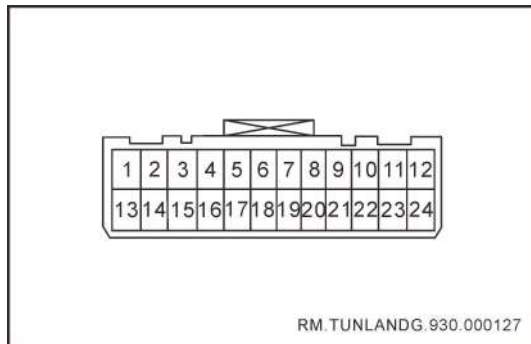


PP0495201 THB

D012 into Left rear door harness

Ter- minal number	Wire diam- eter/c- olor	function
1	0.75 L	Left rear door lock – unlock
2	0.75 B/R	Left rear door lock – locked
3	0.35 O/Y	Backlight power supply
4	0.35 W/Br	Left rear door glass switch

Ter- minal number	Wire diam- eter/c- olor	function
5	0.35 V/R	Left rear door and window lowering control
6	0.35 V/W	Left rear door and window rise control
7	2.00 B	earthing
8	0.50 G/R	Left rear door speaker–
9	0.50 B/G	Left rear door speaker+
10	2.00 V	Left rear door glass power supply
11	—	—
12	—	—
13	—	—

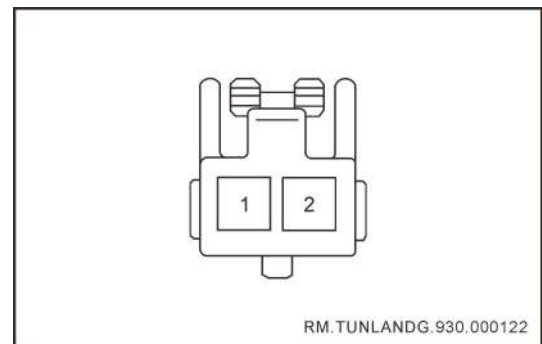


1318917-2 TE

D013 into 360 surround view controller

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 R/B	IG1 power supply
2	0.50 L/W	360 switchSignal input
3	0.50 Y	BCAN-H
4	0.50 W/B	Right Camera power supply
5	0.50 L	Camera on the left power supply
6	0.50 R/Y	Rear View Camera power supply
7	0.50 R/W	Front Camera power supply
8	0.50 R	Video Signal+
9	0.50 Gr/W	Camera Signal on the right
10	0.35 G/W	BCAN-H
11	0.35 W	Signal, a rearview camera
12	0.35 W/G	Front Camera power supply
13	0.50 Br	Battery power
14	0.50 Br	GND

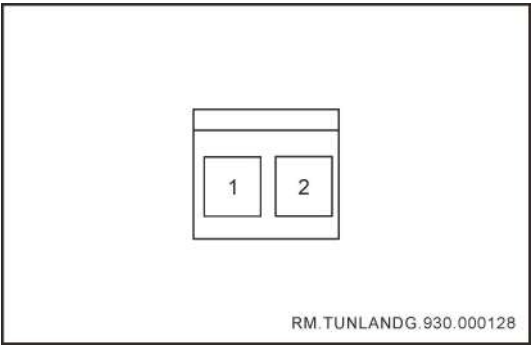
Ter- minal number	Wire diam- eter/c- olor	function
15	0.50 Br	BCAN-L
16	0.50 Br	Right camera commons
17	0.50 Br	Camera public on the left
18	0.50 Gr	Rearview camera public
19	0.50 Br/L	Front camera commons
20	0.50 B	Video Signal-
21	0.50 Gr	The right camera shields the ground
22	0.35 Y/W	BCAN-L
23	0.35 B	The rearview camera shields the ground
24	0.35 B/R	The front camera shields the ground



MG610392 KET

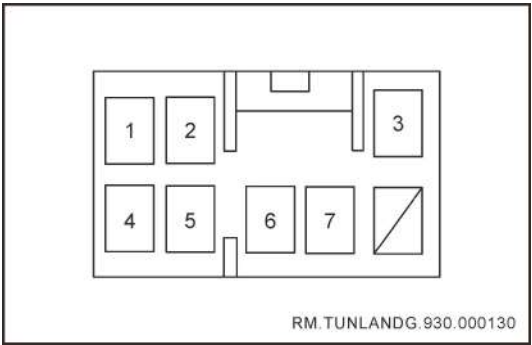
D014 into Main driver seat belt alarm switch

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 Br	Main driver seat belt alarm Signal
2	0.50 B	earthing



7C83-5524-70

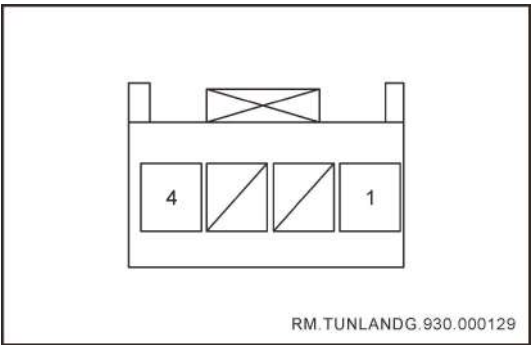
D015Main driver side airbag assembly



3MS8BSL06W Hu Lian

D017 into Driving Seat heating

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 Br/L	Main driver side airbag power supply
2	0.50 Br/W	Main driver side airbag earthing

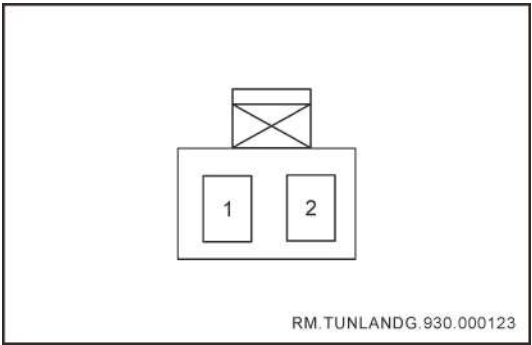


936227-1 TE

D016 into Power seats for the main driver

Ter- minal number	Wire diam- eter/c- olor	function
1	1.50 B	earthing
2	0.35 G	Main Seat heating outputSignal
3	0.35 G/W	Main Seat heating feedback Signal1
4	0.35 B/W	Main Seat heating feedback Signal2
5	0.35 L/W	Main Seat heating feedback Signal3
6	0.75 W/Y	Seat heatingBattery power
7	0.35 Y	IG1 power supply
8	—	—

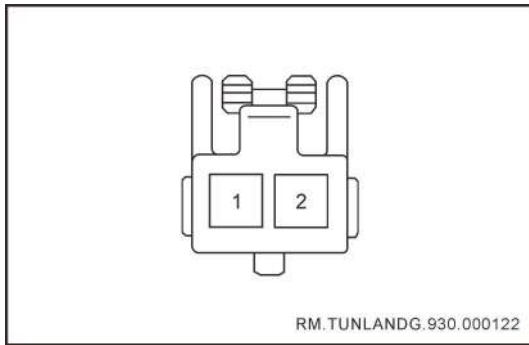
Ter- minal number	Wire diam- eter/c- olor	function
1	1.50 W/L	power supply
2	—	—
3	—	—
4	1.50 B	earthing



988171021 Molex

D018 into The co-pilot member monitors the
sensor (SBR)

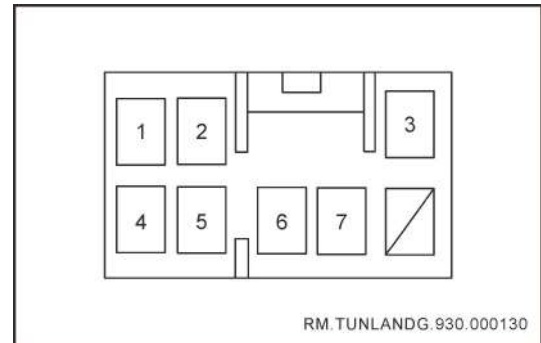
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 B/R	The co-pilot member detects the Signal
2	0.50 B	earthing



MG610392 KET

D019 into Co-driver seat belt alarm switch

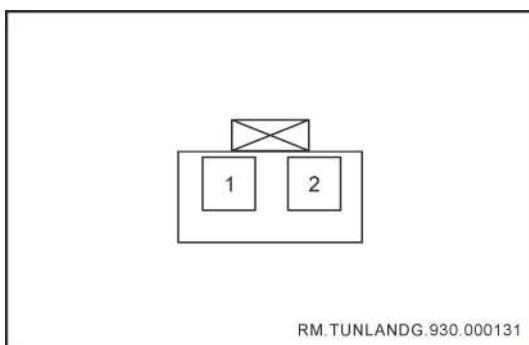
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 G/O	Co-pilot airbag POWER supply
2	0.50 G/Y	Co-pilot airbag earthing



3MS8BSL06W Hu Lian

D021 into co-pilot Seat heating

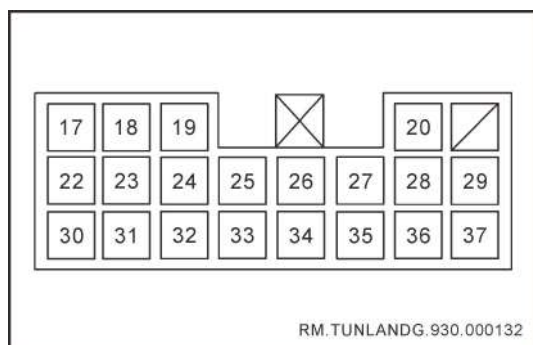
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 W/L	Co-pilot seat belt alarm Signal
2	0.50 B	earthing



7C83-5524-70

D020 into Co-pilot side airbag assembly

Ter- minal number	Wire diam- eter/c- olor	function
1	1.50 B	earthing
2	0.35 G	Sub-seat heating outputs Signa I
3	0.35 G/W	Sub-Seat heating feedback Signa I1
4	0.35 B/W	Sub-Seat heating feedback Signa I2
5	0.35 L/W	Sub-Seat heating feedback Signa I3
6	0.75 W/Y	Seat heatingBattery power
7	0.35 Y	IG1 power supply
8	—	—



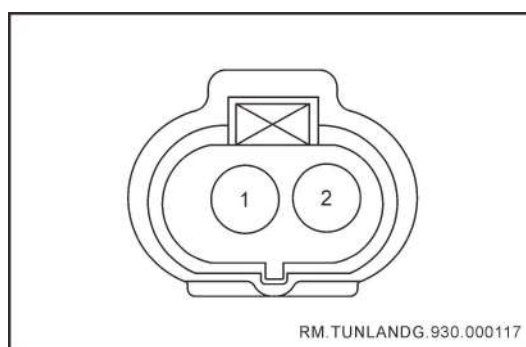
MG611987 KET

D022 into Instrument harness 1

FL

Ter- minal number	Wire diam- eter/c- olor	function
17	0.50 W	Left rear wheel speed sensor Signal
18	0.50 W/R	Left rear wheel speed sensor power supply
19	0.50 G/W	Right rear wheel speed sensor Signal
20	0.50 L/B	Right rear wheel speed sensor power supply
21	—	—
22	0.35 Y	Seat heating IG1 power supply
23	0.35 R/Y	Rear left seat belt alarm
24	0.35 B/W	Left alarm light
25	0.50 Y	T7 temperature sensor+
26	0.50 L T7	Temperature sensor-
27	0.75 P	Urea tube heating
28	0.50 W/B	Urea mass temperature sensor earthing
29	0.50 W/R	Urea mass temperature sensor Signal
30	0.50 R	SCR Relays power supply

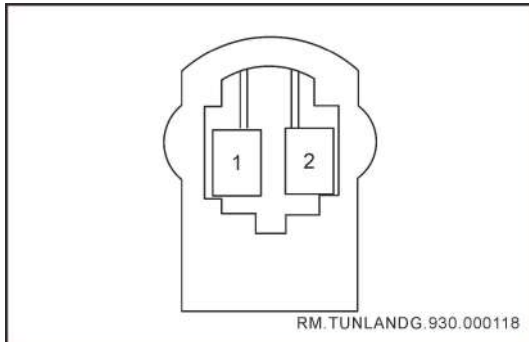
Ter- minal number	Wire diam- eter/c- olor	function
31	0.35 Y/W	Urea recovery pump+
32	0.50 G/R	Left rear door speaker-
33	0.50 B/G	Left rear door speaker+
34	0.50 L	Exhaust back pressure valve sensor Signal
35	0.50 O	Exhaust back pressure valve sensor power supply
36	0.50 Lg/Y	Exhaust back pressure valve sensor earthing
37	0.35 B/R	360 panorama, remote control into battery power



2-1718643-1 TE

D023 into Right rear collision sensor

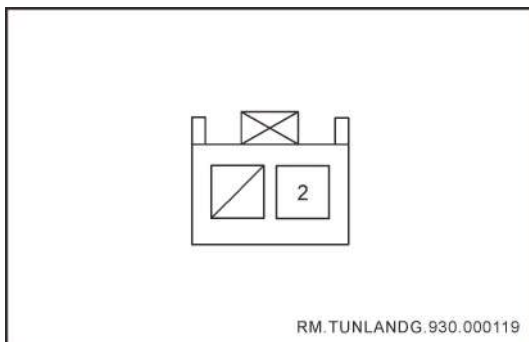
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 G/L	Right rear collision sensor Signal
2	0.50 G/W	Right rear collision sensor earthing



1376688-1 TE

D024 into The passenger seat belt is pre-tensioned

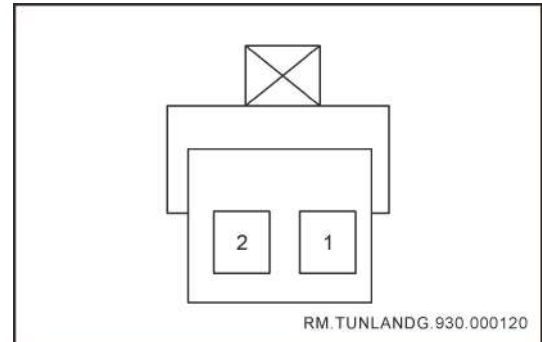
Ter-minal number	Wire diam-eter/c-olor	function
1	0.50 G/R	The passenger seat belt is pre-tensioned power supply
2	0.50 G/B	The passenger seat belt is pre-tensioned earthing



DJ7021Y-1.2-21/20 CZT

D025 into Right front door light switch

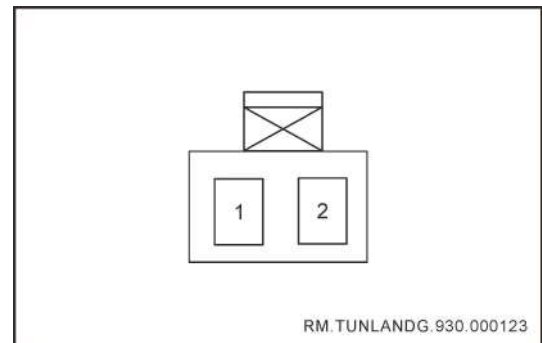
Ter-minal number	Wire diam-eter/c-olor	function
1	—	—
2	0.50 V	The right front door opens Signal



211PC022S0149 FCI

D026 into Right low-frequency antenna

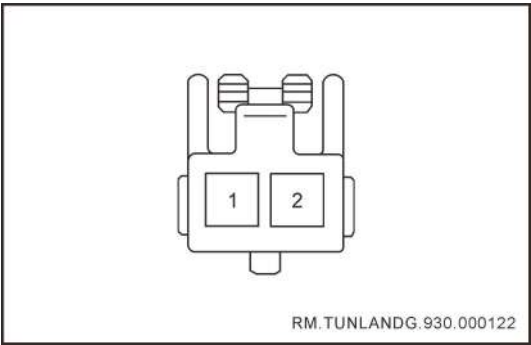
Ter-minal number	Wire diam-eter/c-olor	function
1	0.35 Gr/W	Right low-frequency antennae arthing
2	0.35 O/B	Right low-frequency antennapower supply



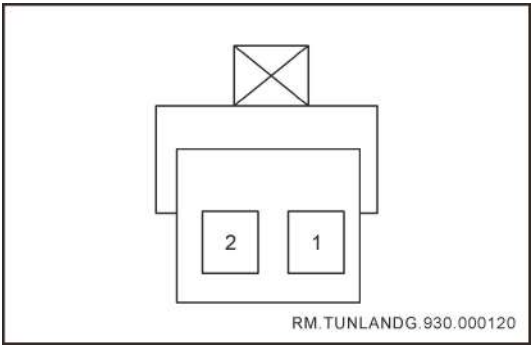
988171021 Molex

D027 into Rear Right Member Monitoring Sensor (SBR)

Ter-minal number	Wire diam-eter/c-olor	function
1	0.50 R/Y	Members of the back row on the right monitor Signal
2	0.50 B	earthing



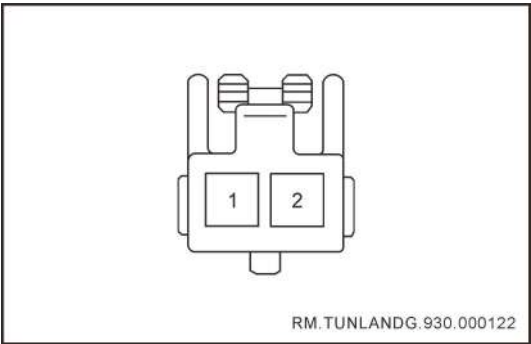
MG610392 KET
D028 into Rear right seat belt alarm



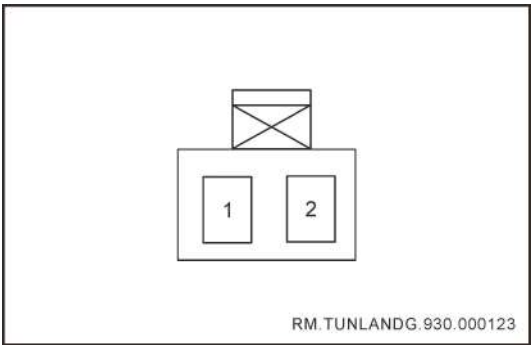
211PC022S0149 FCI
D030 into Rear low-frequency antenna

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 R/G	Rear right seat belt alarmSignal
2	0.50 R/Y	The right member in the back row detects Signal input

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 B/Y	Rear low-frequency antennae arthing
2	0.35 B/L	Rear low-frequency antennapower supply



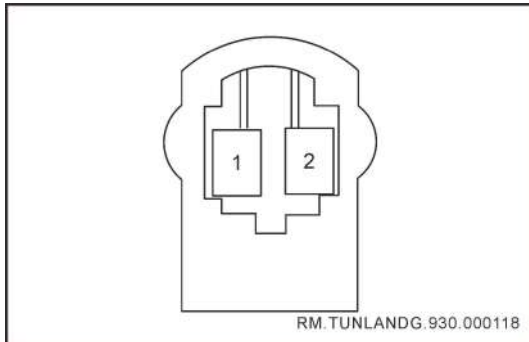
MG610392 KET
D029 into Rear middle seat belt alarm



988171021 Molex
D031 into Members in the middle of the back
row monitor the sensor (SBR)

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 Y/R	Rear middle seat belt alarmSignal
2	0.50 Y/B	The middle member of the back row detects the Signal input

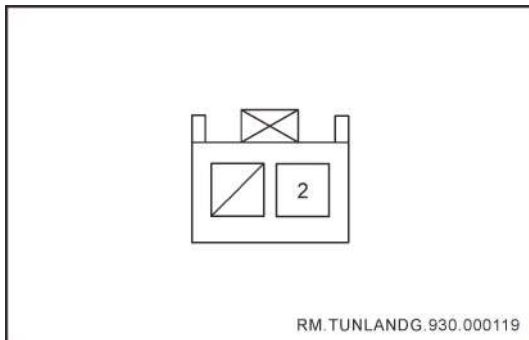
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 Y/B	Members of the middle of the back row monitor Signal
2	0.50 B	earthing



1376688-1 TE

D032 The right seat belt in the second row is pretensioned

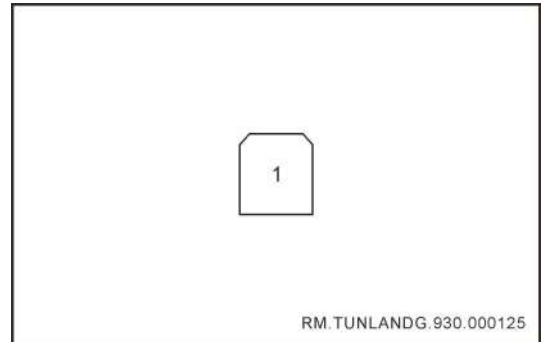
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 Lg/R	The right seat belt in the second row is pretensioned power supply
2	0.50 Y/B	The right seat belt in the second row is pretensioned earthing



DJ7021Y-1.2-21/20 CZT

D033 into Right rear door light switch

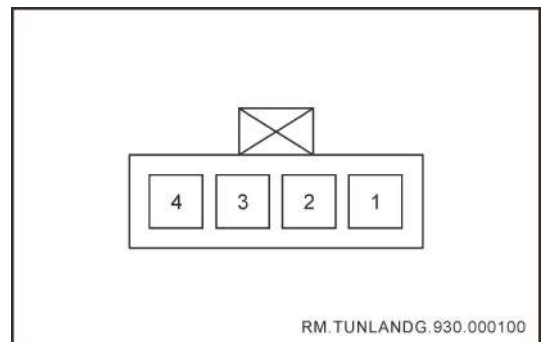
Ter- minal number	Wire diam- eter/c- olor	function
1	—	—
2	0.50 Y/B	Right rear door switch Signal



172320-2 TE

D034 into Right rear defrost-

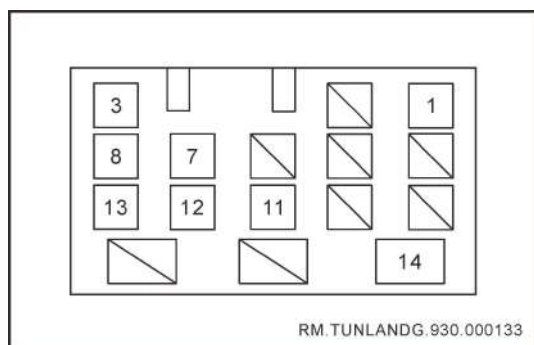
Ter- minal number	Wire diam- eter/c- olor	function
1	1.00 B	Defrosting earthing



DJ7041Y-2 - 21/29 CZT

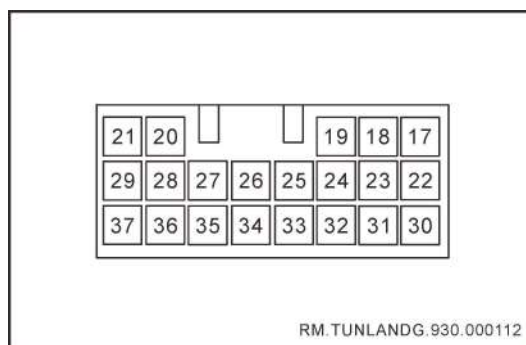
D035 into Frame harness3

Ter- minal number	Wire diam- eter/c- olor	function
1	2.50 W	Left rear EPB actuator power supply
2	2.50 G	Left rear EPB actuator Signal
3	2.50 G/R	Right rear EPB actuator Signal
4	2.50 O	Right rear EPB actuator power supply



MG622390 KET

D036 into Frame harness2



MG622390 KET

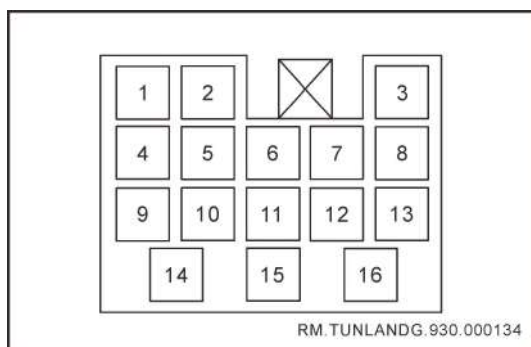
D037 into Frame harness1

FL

Ter- minal number	Wire diam- eter/c- olor	function
1	0.75 B	earthing
2	—	—
3	1.5 R/Y	Oil pump power supply
4	—	—
5	—	—
6	—	—
7	0.35 Y/W	BCAN-L
8	0.35 G/W	BCAN-H
9	—	—
10	—	—
11	0.50 B/R	Battery power
12	0.35 Y/W	BCAN-L
13	0.35 G/W	BCAN-H
14	2.50 B	earthing
15	—	—
16	—	—

Ter- minal number	Wire diam- eter/c- olor	function
17	0.50 Br	The rear camera masks the ground
18	0.75 Br/L	Rear camera commons
19	0.35 R/W	Left alarm light
20	0.35 R/Y	Right alarm light
21	0.35 W/G	IG1 power supply
22	0.75 L/W	Rear camera Signal
23	0.75 R/W	Rear camera power supply
24	0.50 W	Left rear wheel speed sensor Signal
25	0.50 W/R	Left rear wheel speed sensor power supply
26	0.50 G/W	Right rear wheel speed sensor Signal
27	0.50 L/B	Right rear wheel speed sensor power supply
28	0.35 G/B	LIN2 - Rear radar

Ter- minal number	Wire diam- eter/c- olor	function
29	0.35 W/Y	License plate light output
30	0.50 R	Brake light output
31	0.50 L	Rear position light
32	0.35 G	Left steering output
33	0.35 B/G	Turn right to the output
34	0.50 L/Y	Reversing light output
35	0.50 R/W	Rear fog lamp output
36	0.35 B/L	Oil sensor-
37	0.35 R/L	Oil sensor+

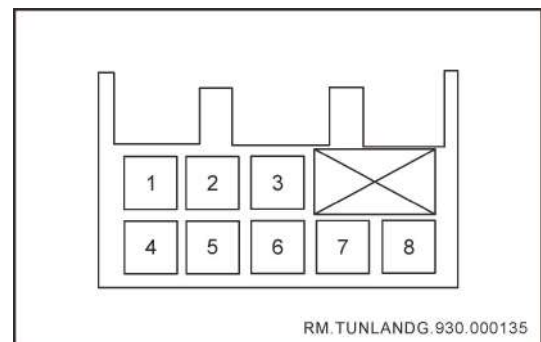


MG612391 KET

D038 into Instrument harness 6

Ter- minal number	Wire diam- eter/c- olor	function
1	2.00 L	Non-Driver side unlock
2	2.00 B/R	Non-Driver side latching
3	0.50 G/R	DCAN-H

Ter- minal number	Wire diam- eter/c- olor	function
4	0.35 G	Left steering output
5	0.35 B/G	Turn right to the output
6	0.50 G/R	DCAN-H
7	0.35 W/Y	License plate light output
8	0.50 Y/R	DCAN-L
9	0.50 R	Brake light output
10	0.35 G/B	LIN2 - Rear radar
11	0.50 Y/R L	DCAN-
12	0.35 O/Y	Backlight power supply
13	0.35 R/Y	Right alarm light
14	2.50 G	Left rear EPB actuator Signal
15	2.0 V	Battery power-Rear power windows
16	2.0 V	Battery power-Rear power windows

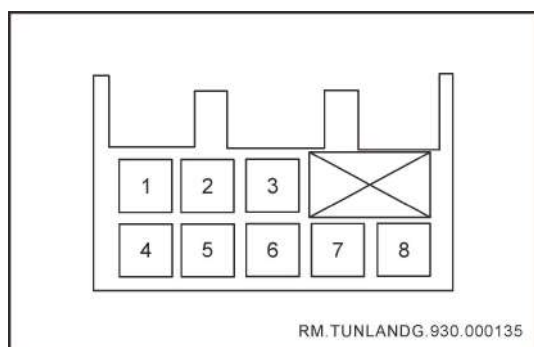


08HIC-R-1A JST

D039 into Instrument harness 7

FL

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 G/B	The passenger seat belt is pre-tensioned earthing
2	0.50 G/R	The passenger seat belt is pre-tensioned power supply
3	0.50 Lg/R	The right seat belt in the second row is pretensioned power supply
4	0.50 Y/B	The right seat belt in the second row is pretensioned earthing
5	0.50 G/O	Co-pilot side airbagspower supply
6	0.50 G/Y	Co-pilot side airbagsearthing
7	0.50 G/L	Right collision sensorSignal
8	0.50 G/W	Right collision sensorearthing

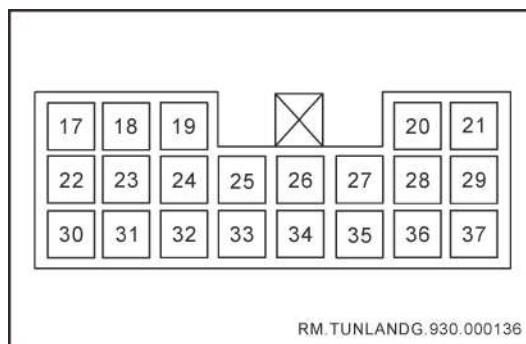


08HIC-R-1A JST

D040 into Instrument harness 8

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 Br/Y	The main driver's seat belt is pretightened earthing

Ter- minal number	Wire diam- eter/c- olor	function
2	0.50 Br/G	The main driver's seat belt is pretightened power supply
3	0.50 L/R	The left seat belt in the second row is pretensioned power supply
4	0.50 L/B	The left seat belt in the first row is pre-tensioned earthing
5	0.50 Br/L	Left side airbag power supply
6	0.50 Br/W	Left-side airbag earthing
7	0.50 R/B	Left collision sensor earthing
8	0.50 R/O	Left collision sensor Signal

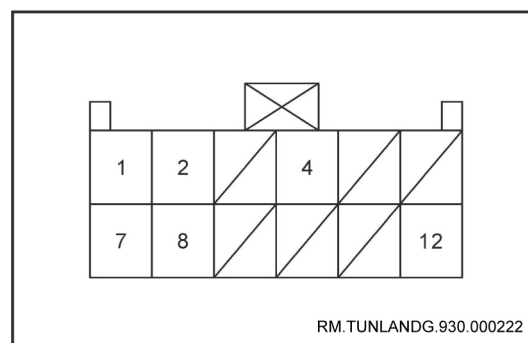


MG611987 KET

D041 into Instrument harness 5

Ter- minal number	Wire diam- eter/c- olor	function
17	0.35 W/O	Right rear door power window control Signal
18	0.50 Br	Occupant locks

Ter- minal number	Wire diam- eter/c- olor	function
19	0.50 W/L	Driver lock
20	0.50 B/R	Occupant detection Signal
21	0.35 W/Br	Left rear door power window control Signal
22	0.50 R/G	Rear left seat belt alarm
23	0.50 Y/R	The middle of the rear row detects the Signal
24	0.50 P	Right rear speaker+
25	0.50 O	Right rear speaker-
26	0.50 Sb	Left rear door switch input
27	0.35 Sb/R	Right rear door and window down control
28	0.35 V/W	Left rear door and window rise control
29	0.35 V/R	Left rear door and window lowering control
30	0.50 L	Rear position light
31	0.50 R/W	Rear fog lamp output
32	0.50 L/Y	Reversing light output
33	0.35 G	LIN3 - RFR
34	0.50 Y/G	The left front door opens the input
35	0.35 O/W	Right rear door and window rise control
36	0.50 V	The right front door opens the input
37	0.50 Y/B	The right rear door opens the input



MG623341 KET

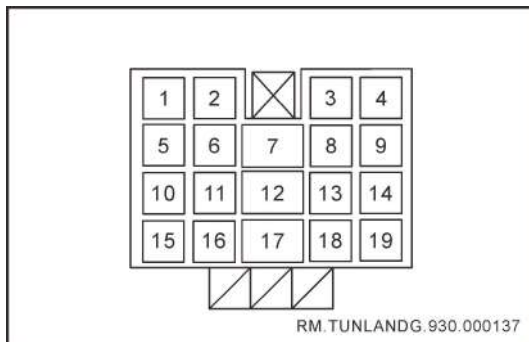
D042 into Post-processing harnesses

FL

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 W/R	Urea level sensorSignal
2	0.50 W/B	Urea Liquid level Signal
3	0.50 Y	Urea level sensorpower supply
4	1.00 Br	Urea heating
5	0.50 B	earthing
6	0.50 Y/R	DCAN-L
7	0.75 Y/B	Urea recovery pump+
8	0.75 L	Urea recovery pump-
9	1.00 Gr	Urea supply pump+
10	1.00 P	Urea supply pump-
11	0.50 R	SCRRelayspower supply
12	0.75 P	Urea tube heating
13	0.50 G/R	DCAN-H
14	0.50 O	Exhaust back pressure valve POWER supply
15	0.75 Y	Exhaust back pressure valve control2

FL

Ter- minal number	Wire diam- eter/c- olor	function
16	0.50 L	Exhaust back pressure valve Signal
17	0.50 Lg/Y	Exhaust back pressure valve earthing
18	0.75 V	Exhaust back pressure valve control1
19	0.50 Y	T7 temperature sensor+
20	0.35 Y/R	DCAN-L
21	0.35 G/R	DCAN-H
22	2.00 B	earthing
23	0.50 L	T7 temperature sensor-

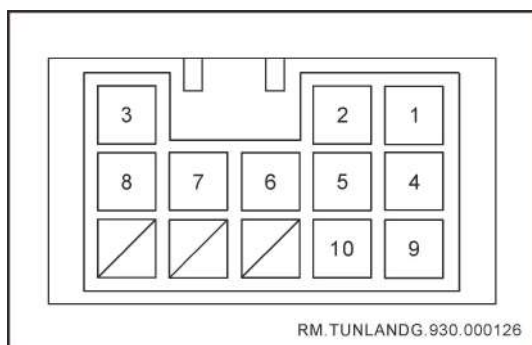


MG610837 KET

D043 into Instrument wiring harness 4

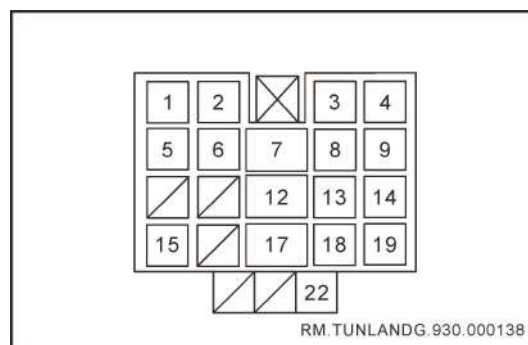
Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 G/W	Sub-Seat heating feedback Signa I1
2	0.50 L	360 - HeadunitSignal
3	0.35 W	Low frequency antenna on the leftpower supply
4	0.35 B/L	Rear low-frequency antennapower supply

Ter- minal number	Wire diam- eter/c- olor	function
5	0.35 B/W	Sub-Seat heating feedback Signa I2
6	0.50 Br	360 - HeadunitSignal
7	2.50 W	Left rear EPB actuator power supply
8	0.35 W/L	Low frequency antenna on the leftearthing
9	0.35 B/Y	Rear low-frequency antennaeearthing
10	0.35 L/W	Sub-Seat heating feedback Signa I3
11	0.50 Gr/W	Right Camera power supply
12	0.50 Gr	Right camera commons
13	0.50 R/V	Front camera power supply
14	0.35 O/B	Right low-frequency antennapower supply
15	0.35 G	Sub-seat heating outputs Signa I
16	0.50 W/B	Right camera Signal
17	0.50 Br	Right camera Signally
18	0.50 R/Y	Former Camera earthing
19	0.35 Gr/W	Right low-frequency antennaeearthing
20	—	—
21	—	—
22	—	—



PP0495201 THB

D044 into Right rear door harness



MG610837 KET

D045 into Instrument wiring harness 3

FL

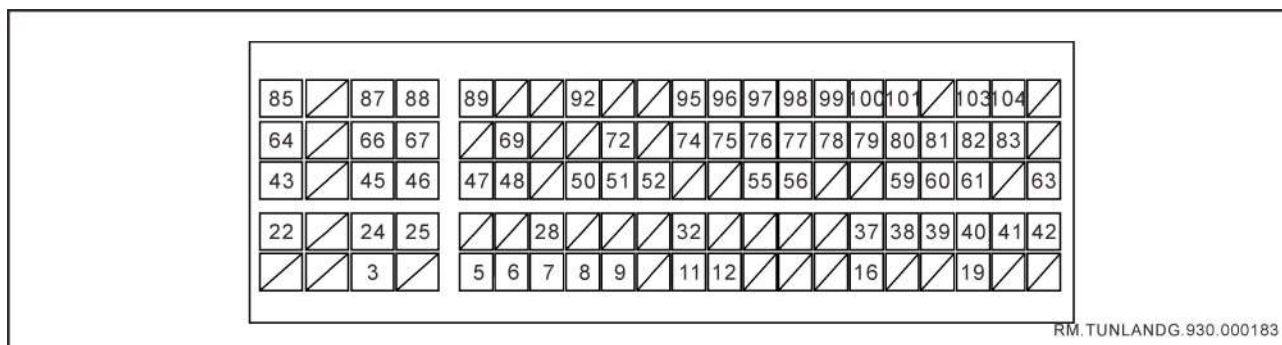
Ter- minal number	Wire diam- eter/c- olor	function
1	0.75 L	Right rear door lock – locked
2	0.75 B/R	Right rear door lock – unlock
3	0.35 W/O	Right rear door glass switch
4	0.35 O/Y	Backlight power supply
5	0.35 Sb/R	Right rear door and window down control
6	0.35 O/W	Right rear door and window rise control
7	2.00 B	earthing
8	0.50 P	Right rear door speaker–
9	0.50 O	Right rear door speaker+
10	2.00 V	Right rear door glass power supply
11	—	—
12	—	—
13	—	—

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 R/Y	Front camera power supply
2	0.50 Gr	Front camera power Supplyland
3	0.50 R	Left camera power supply
4	0.50 B	Left camera power Supplyland
5	0.50 R/B	Front camera Signal
6	0.50 Br	Front camera shielding ground
7	0.35 W	360 panoramic switch
8	0.50 Y	Left camera Signal
9	0.50 Br	Left camera Sig- nalearthing
10	—	—
11	—	—
12	1.00 P	Urea supply pump–
13	0.35 G/W	Main Seat heating feedback Signal1
14	0.35 B/W	Main Seat heating feedback Signal2

Ter- minal number	Wire diam- eter/c- olor	function
15	1.50 W/L	Power seat power supply
16	—	—
17	1.00 Gr	Urea supply pump+
18	0.35 L/W	Main Seat heating feedback Signal3
19	0.35 G	Main Seat heating outputSignal
20	—	—
21	—	—
22	1.50 W/Y	Seat heatingpower supply

FL

Engine wiring harness



1 928 405 559

E001 into Engine ECU A

FL

Ter- minal number	Wire diam- eter/c- olor	function
1	—	—
2	—	—
3	1.00 R	VGT valve regulates Motor+
4	—	—
5	0.75 Y	Urea recovery pump earthing
6	1.00 W	Solenoid valve control
7	1.00 R	power supply
8	1.00 R	Motor positive electrode
9	1.00 B	Motor negative pole
10	—	—
11	0.50 G	Crankshaft position sensorSignal
12	0.50 R	Ambient temperature sensorearthing
13	—	—
14	—	—
15	—	—
16	0.50 W	Back pressure valve position sensing power supply

Ter- minal number	Wire diam- eter/c- olor	function
17	—	—
18	—	—
19	0.50 G/R	Crankshaft position sensorpower supply
20	—	—
21	—	—
22	1.50 W	High level
23	—	—
24	1.50 W/L	High level
25	1.00 B	VGT valve regulates Motor-
26	—	—
27	—	—
28	0.50 B	Crankshaft position sensorearthing
29	—	—
30	—	—
31	—	—
32	0.75 L	TVS status
33	—	—

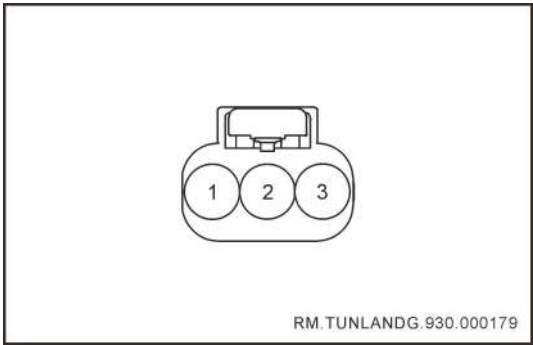
FL

Ter- minal number	Wire diam- eter/c- olor	function
34	—	—
35	—	—
36	—	—
37	0.50 R/Y	5Vpower supply
38	0.50 L/W	Pressure sensor power supply (ESP)
39	0.50 G/R	5Vpower supply
40	0.50 G/R	5Vpower supply
41	0.50 R/Y	Inlet air temperature pressure sensing POWER supply
42	0.50 G/R	Common rail pressure sensor power supply
43	1.50 B	Low level
44	—	—
45	1.50 R	Low level
46	0.50 L/G	Oxygen sensor heating control
47	0.75 G	Solar term control
48	0.50 Y	Urea quality sensor earthing
49	—	—
50	0.50 G	Urea quality sensor Signal
51	0.50 G/B	Camshaft position sensor earthing
52	0.50 G	Camshaft position sensor Signal
53	—	—
54	—	—

Ter- minal number	Wire diam- eter/c- olor	function
55	0.50 W	DOC temperature exhaust sensor earthing
56	0.50 G	DOC temperature exhaust sensorSignal
57	—	—
58	—	—
59	—	—
60	0.50 G	Intake air temperature pressure sensor Signal
61	0.50 Br	Coolant Temperature sensorTemperature Signal
62	—	—
63	0.50 G/B	Common rail pressure sensor earthing
64	1.50 W	High level
65	—	—
66	1.50 W/L	High level
67	1.00 R	EGR valve regulates Motor+
68	—	—
69	0.75 G	VSVearthing
70	—	—
71	—	—
72	0.75 Y	Cooling water pump Signal
73	—	—
74	0.75 W	DPF exhaust temperature sensorearthing
75	0.75 W/L	DPF temperature exhaust sensorSignal

Ter- minal number	Wire diam- eter/c- olor	function
76	0.50 G/B	sensorearthing
77	0.50 G	sensorSignal
78	0.50 G/B	sensorearthing
79	0.50 G	sensorSignal
80	—	—
81	—	—
82	0.75 B	earthing
83	0.50 Gr	Oxygen sensorSignal
84	—	—
85	1.50 L	Low level
86	—	—
87	1.50 Br	Low level
88	1.00 B	EGR valve regulates Motor—
89	1.00 W	Urea supply pumppower supply
90	—	—
91	—	—
92	0.75 G	Urea supply pum- pearthing
93	—	—
94	—	—
95	0.50 Gr	Pressure sensor earthing (ESP)
96	0.50 Gr/W	Pressure sensor Signal (ESP)
97	0.50 G	Back pressure valve position sensorearthing

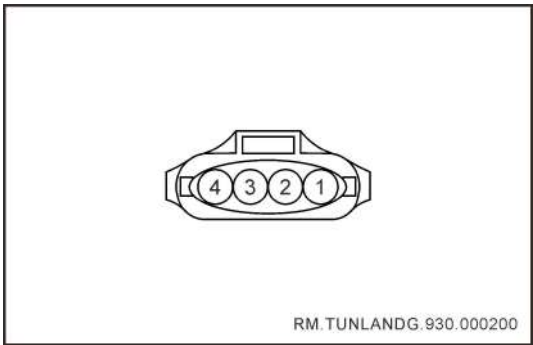
Ter- minal number	Wire diam- eter/c- olor	function
98	0.50 Y	Back pressure valve position Signal
99	0.50 Y/G	Coolant Temperature sensorially
100	0.50 Y/R	Coolant Temperature sensorTemperature Signal
101	0.50 W	Ambient temperature sensorSignal
102	—	—
103	0.50 L	Common rail pressure sensor Signal
104	0.50 W	Oxygen Sensorially
105	—	—



2 - 1718644 - 1

E002 into Crankshaft position sensor

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 G/R	Crankshaft position sensorpower supply
2	0.50 G	Crankshaft position sensorSignal
3	0.50 B	Crankshaft position sensorearthing

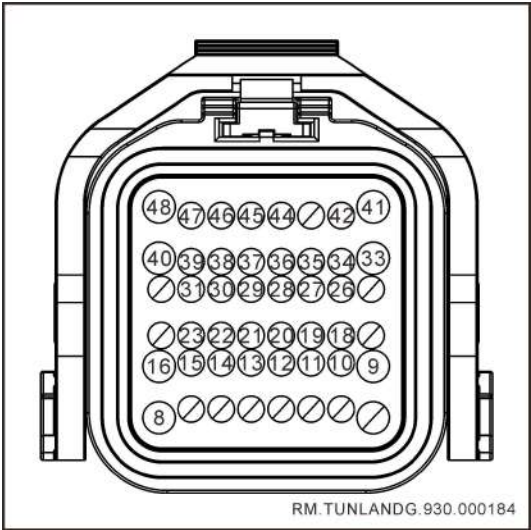


1 928 405 525

E004 into Oxygen sensor

Ter- minal number	Wire diam- eter/c- olor	function
1	0.75 R/G	Oxygen sensorpower supply
2	0.50 L/G	Oxygen sensor heating control
3	0.50 Gr	Oxygen sensorSignal

Ter- minal number	Wire diam- eter/c- olor	function
4	0.50 W	Oxygen Sensorially



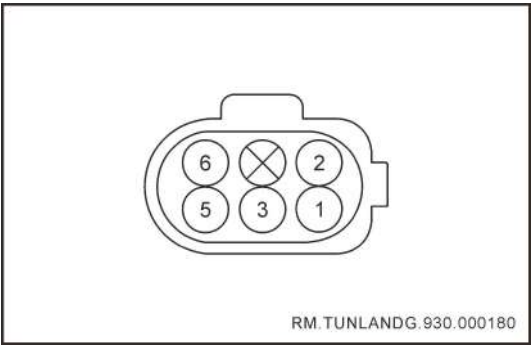
2366494 - 1

E003 into Engine compartment wiring harness

Ter- minal number	Wire diam- eter/c- olor	function
1	—	—
2	—	—
3	—	—
4	—	—
5	—	—
6	—	—
7	—	—
8	2.00 Y	Starter excitation
9	2.50 R	Differential Pressure sensor ially
10	0.75 R/G	Former oxygen sensorpower supply
11	0.50 V	Engine LIN

Ter- minal number	Wire diam- eter/c- olor	function
12	0.50 W	Back pressure valve position sensing power supply
13	1.00 B	Motor negative pole
14	1.00 R	Motor positive electrode
15	0.50 Gr/W	Pressure sensor Signal (ESP)
16	0.75 B	earthing
17	—	—
18	0.50 R	Ambient temperature sensorearthing
19	0.75 G	Oil solenoid valve
20	0.75 Y	Cooling water pump Signal
21	0.50 Y	Back pressure valve position Signal
22	0.50 Gr	Pressure sensor earthing (ESP)
23	0.50 L/W	Pressure sensor power supply (ESP)
24	—	—
25	—	—
26	0.50 W	Ambient temperature sensorSignal
27	0.50 L	MotorCharging indication
28	0.50 G/R	Differential Pressure sensor power supply
29	0.50 G/B	Differential Pressure sensor earthing
30	0.50 G	Differential Pressure sensor output
31	0.50 G	DOC temperature exhaust sensorSignal

Ter- minal number	Wire diam- eter/c- olor	function
32	—	—
33	1.50 R	Glow plugs 4power supply
34	0.75 B	Air conditioning compressor earthing
35	0.50 G	Urea quality sensor Signal
36	0.50 Y	Urea quality sensor earthing
37	0.75 G	Urea supply pum-pearthing
38	1.00 W	Urea supply pumppower supply
39	0.75 Y	Urea recovery pump earthing
40	1.50 R	Glow plugs 2power supply
41	1.50 R	Glow plugs 3power supply
42	0.75 R	Air conditioning compressor POWER supply
43	—	—
44	0.50 W	DOC temperature exhaust sensor earthing
45	0.50 G	Back pressure valve position sensorearthing
46	0.75 W	DPF exhaust temperature sensorearthing
47	0.75 W/L	DPF temperature exhaust sensorSignal
48	1.50 R	Glow plugs 1power supply

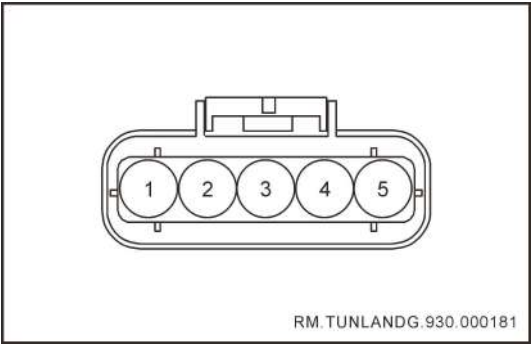


284716 - 3

E005 into HP-EGR valve

FL

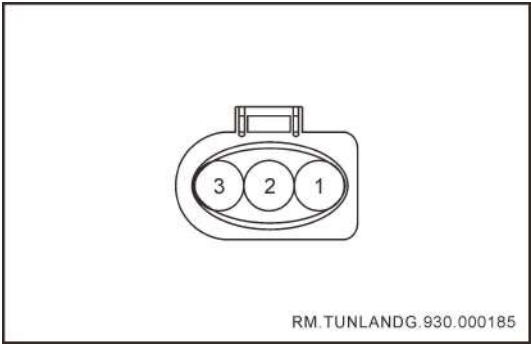
Ter-minal number	Wire diam-eter/c-olor	function
1	0.50 G/B	sensorearthing
2	1.00 R	EGR valve regulates Motor+
3	0.50 G	sensorSignal
4	—	—
5	0.50 G/R	5Vpower supply
6	1.00 B	EGR valve regulates Motor-



872 - 860 - 541

E006 into VGT valve

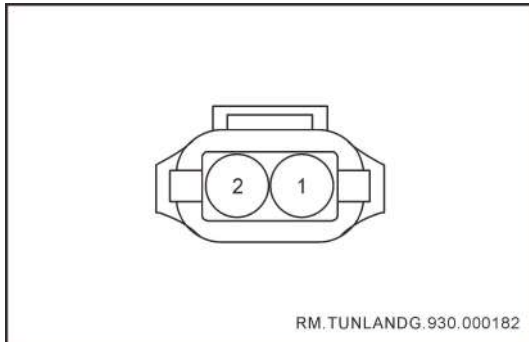
Ter-minal number	Wire diam-eter/c-olor	function
1	0.50 G/R	5Vpower supply
2	0.50 G/B	sensorearthing
3	0.50 G	sensorSignal
4	1.00 R	VGT valve regulates Motor+
5	1.00 B	VGT valve regulates Motor-



1813271 - 1

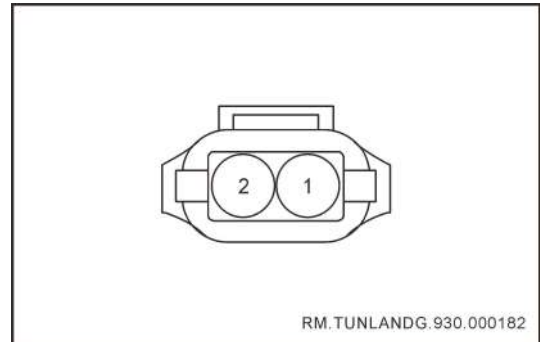
E007 into DPFDifferential Pressure sensor

Ter-minal number	Wire diam-eter/c-olor	function
1	0.50 G/R	DPFDifferential Pressure sensor power supply
2	0.50 G/B	DPFDifferential Pressure sensor ially
3	0.50 G	DPFDifferential Pressure sensor Signal



1 928 405 521

E008 into Injector 4



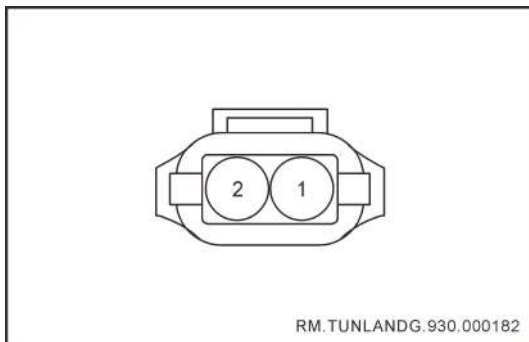
1 928 405 521

E010 into Injector 2

FL

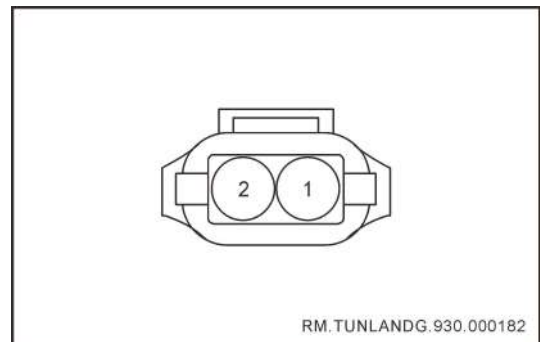
Ter- minal number	Wire diam- eter/c- olor	function
1	1.50 W/L	High level
2	1.50 Br	Low level

Ter- minal number	Wire diam- eter/c- olor	function
1	1.50 W/L	High level
2	1.50 R	Low level



1 928 405 521

E009 into Injector 3

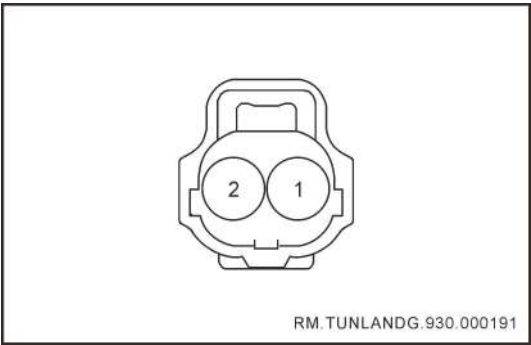


1 928 405 521

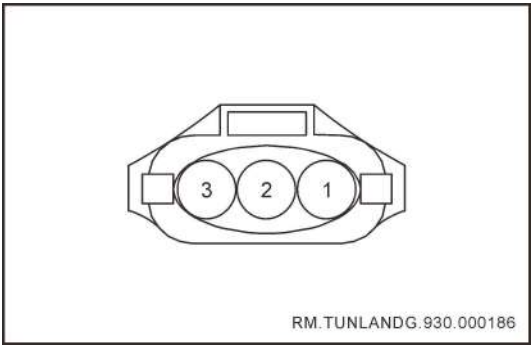
E011 into Injector 1

Ter- minal number	Wire diam- eter/c- olor	function
1	1.50 W	High level
2	1.50 B	Low level

Ter- minal number	Wire diam- eter/c- olor	function
1	1.50 W	High level
2	1.50 L	Low level



184002 - 1



1 928 403 968

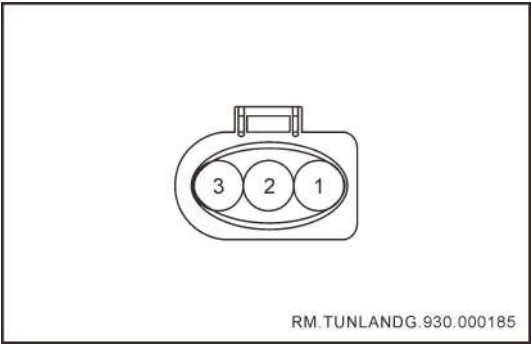
FL

E012 into Temperature after intercooling sensor

E014 into Common rail pressure sensor

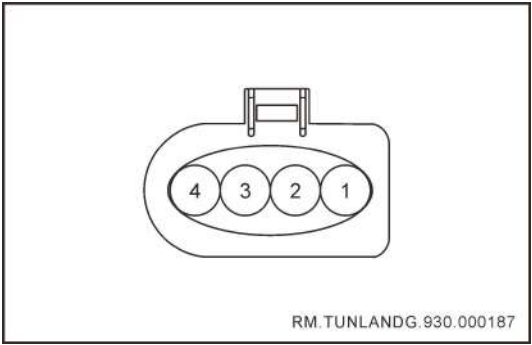
Ter-minal number	Wire diam-eter/c-olor	function
1	0.50 B	Coolant Temperature sensorially
2	0.50 Br	Coolant Temperature sensorTemperature Signal

Ter-minal number	Wire diam-eter/c-olor	function
1	0.50 G/B	Common rail pressure sensor earthing
2	0.50 L	Common rail pressure sensor Signal
3	0.50 G/R	Common rail pressure sensor power supply



42122300 FEP

E013 into Camshaft position sensor



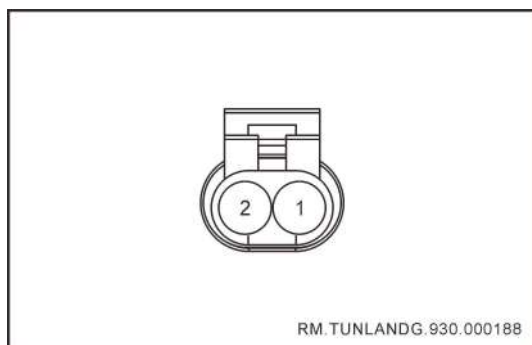
42121400 FEP

E015 into Electronic throttle

Ter-minal number	Wire diam-eter/c-olor	function
1	0.50 R/Y	5Vpower supply
2	0.50 G	Camshaft position sensorSignal
3	0.50 G/B	Camshaft position sensorearthing

Ter-minal number	Wire diam-eter/c-olor	function
1	0.75 B	earthing
2	0.75 R	power supply
3	0.75 G	Solar term control

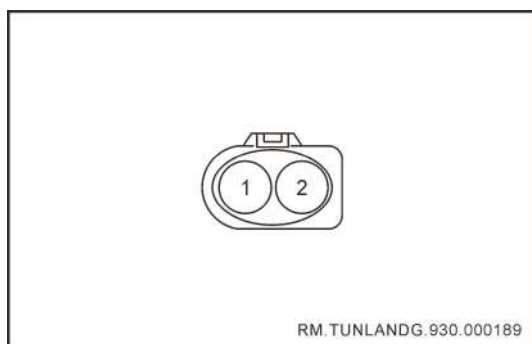
Ter- minal number	Wire diam- eter/c- olor	function
4	0.75 L	TVS status



805 - 120 - 521

E016 into Oil pump solenoid valve

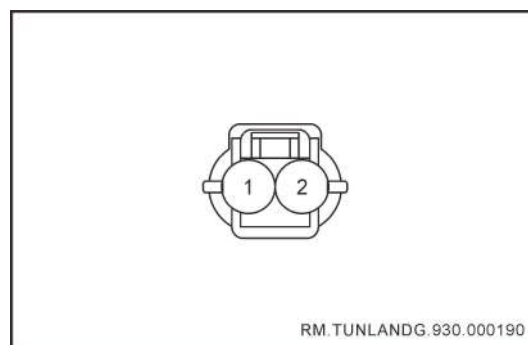
Ter- minal number	Wire diam- eter/c- olor	function
1	0.75 R	power supply
2	0.75 G	Solenoid valve control



09441291

E017 Into Motor

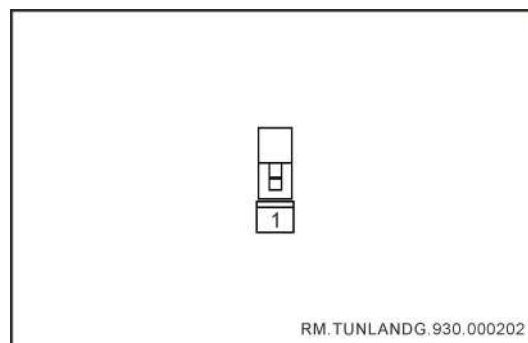
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 L	Charging Signal
2	0.50 V	Engine feedback



7283 - 8851 - 30

E018 into Air conditioning compressor

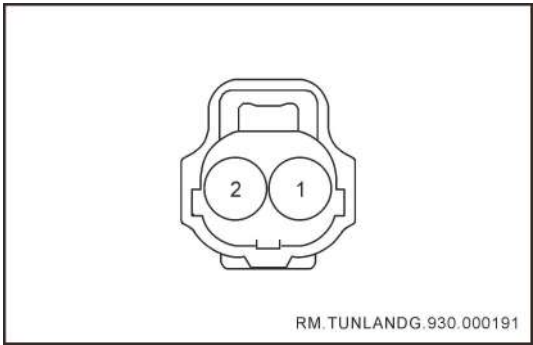
Ter- minal number	Wire diam- eter/c- olor	function
1	0.75 R	Compressor control
2	0.75 B	earthing



DJ7011 - 6.3 - 21

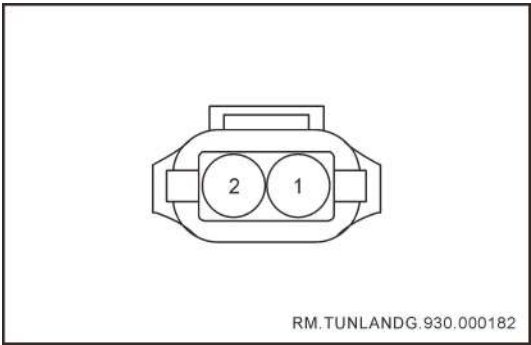
E019 into Start excitation

Ter- minal number	Wire diam- eter/c- olor	function
1	2.00 Y	Start excitation



184002 - 1

E020 into Coolant Temperature sensor

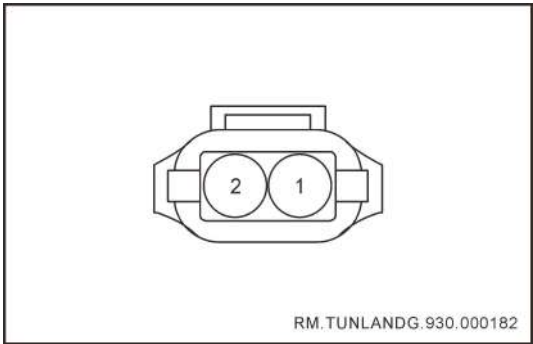


1 928 405 521

E022 into PVC valve

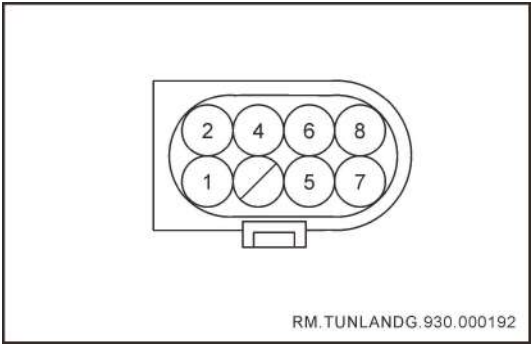
Ter-minal number	Wire diam-eter/c-olor	function
1	0.50 Y/R	Coolant Temperature sensorTemperature Signal
2	0.50 Y/G	Coolant Temperature sensorially

Ter-minal number	Wire diam-eter/c-olor	function
1	1.50 R	power supply
2	1.50 G	Solenoid valve control



1 928 405 521

E021 into high pressure oil pump control valve



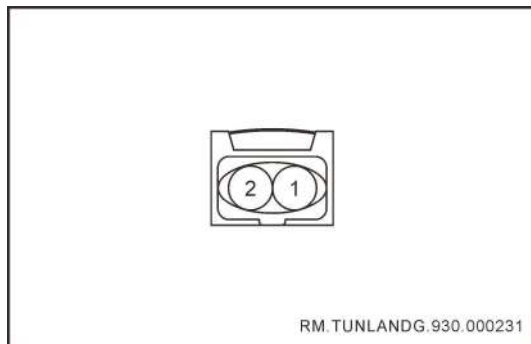
42069600

E023 into preheating into port 1

Ter-minal number	Wire diam-eter/c-olor	function
1	1.00 W	Solenoid valve control
2	1.00 R	power supply

Ter-minal number	Wire diam-eter/c-olor	function
1	0.50 G	Intake air temperature pressure sensor Signal
2	0.75 G/B	Intake air temperature pressure sensor earthing
3	—	—
4	0.75 G/R	Inlet air temperature pressure sensing POWER supply

Ter- minal number	Wire diam- eter/c- olor	function
5	1.50 R	Glow plugs 4 - preheat
6	1.50 R	Glow plugs 2 - preheat
7	1.50 R	Glow plugs 3 - preheat
8	1.50 R	Glow plugs 1 - preheat



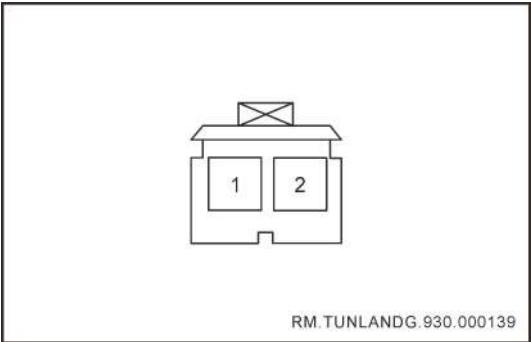
282189 - 1

E030 into VSV

Ter- minal number	Wire diam- eter/c- olor	function
1	1.50 R	VSVpower supply
2	0.75 G	VSVearthing

Ceiling harness

FL

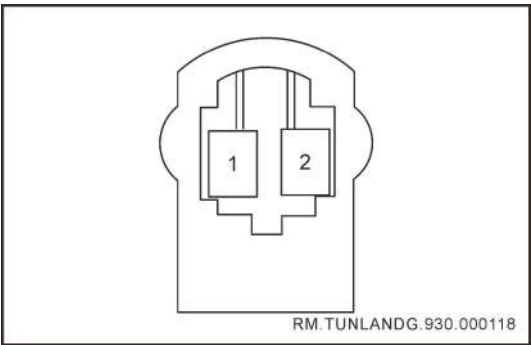


DJ7022Y-1.8-21/29 CZT
F001 into High brake light



3A04FW Hu Lian
F003 into Rear overhead light assembly

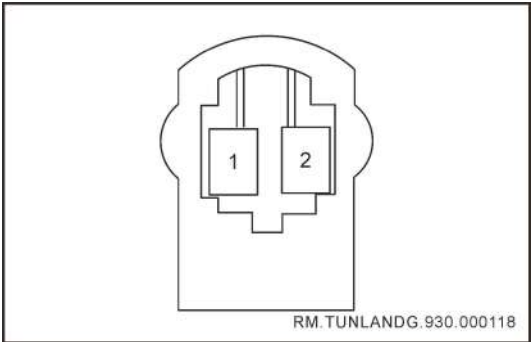
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 B	earthing
2	0.50 L/R	High Brake light power supply



02-SQSK-GI-2A-K JST
F002 into Left air curtain

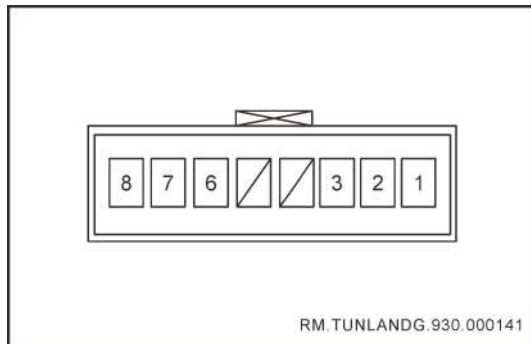
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 L	Left side air curtain+
2	0.50 Br	Left side air curtain-

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 B	earthing
2	0.35 V	Energy-saving lamp feedback
3	0.35 R/Y	Energy-saving lamp power supply output
4	—	—



02-SQSK-GI-2A-K JST
F004 into Right air curtain

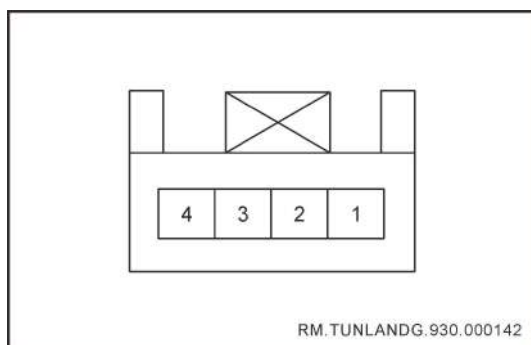
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 W/B	Right side air curtain+
2	0.50 W/R	Right side air curtain-



3A08FW Hu Lian

F005 into Front interior overhead light assembly

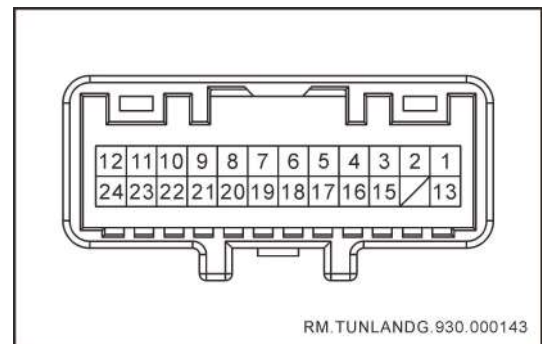
Ter-minal number	Wire diam-eter/c-olor	function
1	0.35 R/Y	Energy-saving power supply output
2	0.35 V	Energy-saving lamp feedback
3	0.35 B	earthing
4	—	—
5	—	—
6	0.50 G	The skylight opens and falls
7	0.50 L	The sunroof is closed
8	0.50 R/G	Skylight lifted



1473672-1 TE

F006 into Microphone

Ter-minal number	Wire diam-eter/c-olor	function
1	0.35 G/R	Main driver MIC-audio
2	0.35 Br/B	DRIVING MIC-EARTHING
3	0.35 L	Co-driver MIC2 - dome light
4	0.35 Br	CO-PILOT MIC-EARTHING

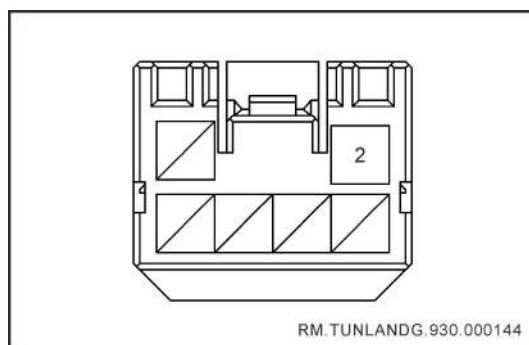


1473413-1 TE

F007 Connect instrument harness one

Ter-minal number	Wire diam-eter/c-olor	function
1	0.50 Br	Left side air curtain-
2	0.50 L	Left side air curtain+
3	0.50 W/R	Right side air curtain-
4	0.50 W/B	Right side air curtain+
5	0.35 R	USB port power supply
6	0.50 L/R	High Brake light output
7	0.35 R/L	SOS-1

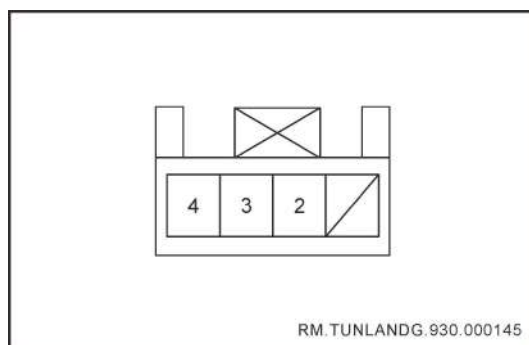
Ter- minal number	Wire diam- eter/c- olor	function
8	0.35 R/G	SOS switch
9	0.35 Br/B	DRIVING MIC- EARTHING
10	0.35 G/R	Main driver MIC-audio
11	0.35 Br	CO-PILOT MIC- EARTHING
12	0.35 L	Co-driver MIC2 – dome light
13	0.50 B	earthing
14	—	—
15	0.50 Y/Br	SCAN-L
16	0.50 G/Br	SCAN-H
17	0.50 Y/Br	SCAN-L
18	0.50 G/Br	SCAN-H
19	0.35 R/W	AEBCAN-H
20	0.35 W	AEBCAN-L
21	0.50 V	Energy-saving lamp feedback
22	0.35 R/Y	Energy-saving lamp power supply output
23	0.50 V/P	Sunlight and rainfall sensor
24	0.50 W/G	IG1 power supply



936268 - 1 - TE

F008 Connect the instrument harness two

Ter- minal number	Wire diam- eter/c- olor	function
1	—	—
2	1.50 R	Sunroof Motorpower supply
3	—	—
4	—	—
5	—	—
6	—	—

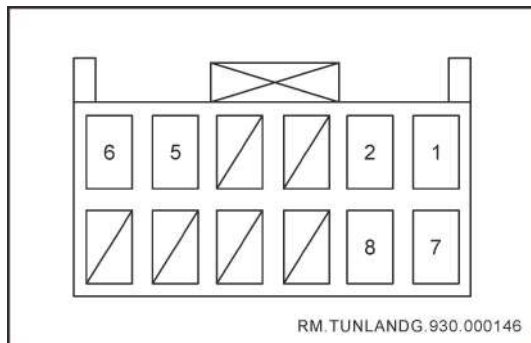


1318620-2 TE

F009 into SOS switch

Ter- minal number	Wire diam- eter/c- olor	function
1	—	—
2	0.35 B	earthing

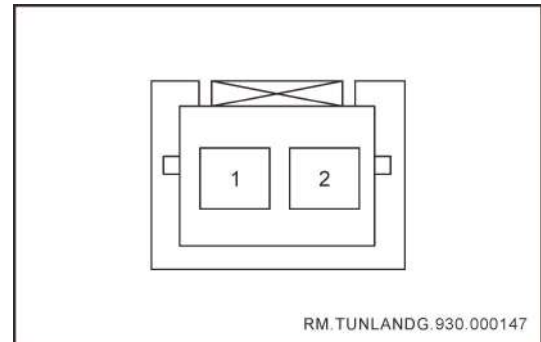
Ter- minal number	Wire diam- eter/c- olor	function
3	0.35 R/L	SOS-CON
4	0.35 R/G	SOS-SENSING



Inner core: 1534100-1 TE
enclosure: 1-1534093-1 TE
F010 into AEB/LDW camera

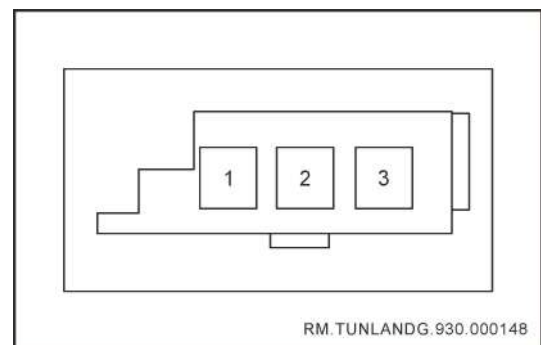
Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 W	AEBCAN-L
2	0.50 Y/Br	SCAM-L
3	—	—
4	—	—
5	0.35 B	earthing
6	0.50 W/G	IG1 power supply
7	0.35 R/W	AEBCAN-H
8	0.50 G/Br	SCAN-H
9	—	—
10	—	—

Ter- minal number	Wire diam- eter/c- olor	function
11	—	—
12	—	—



502351-0201 MOLEX
F011 into top USB into port

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 R	USB port power supply
2	0.35 B	earthing

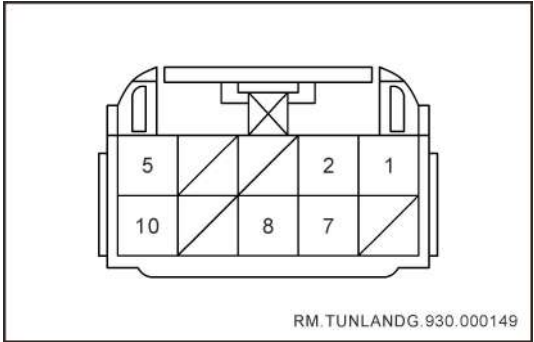


1-1718346-1 TE
F012 into Sunlight and rainfall sensor

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 W/G	IG1 power supply

Ter- minal number	Wire diam- eter/c- olor	function
2	0.35 B	earthing
3	0.50 V/P	Sunlight and rainfall sensorSignal

FL

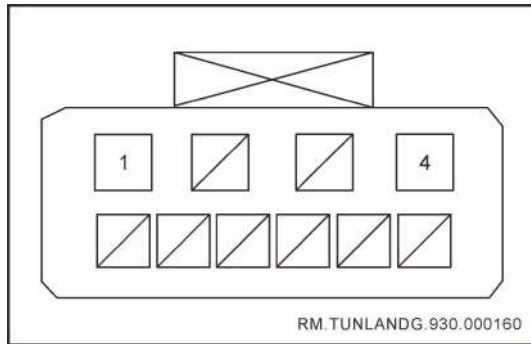


7283 - 5533 - 40 YAZAKI

F013 into Sunroof Motor

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 L	The sunroof is closed
2	0.50 R/G	Skylight lifted
3	—	—
4	—	—
5	0.50 G	The skylight opens and falls
6	—	—
7	1.50 R	Battery power
8	0.50 V/P	LIN
9	—	—
10	1.50 B	earthing

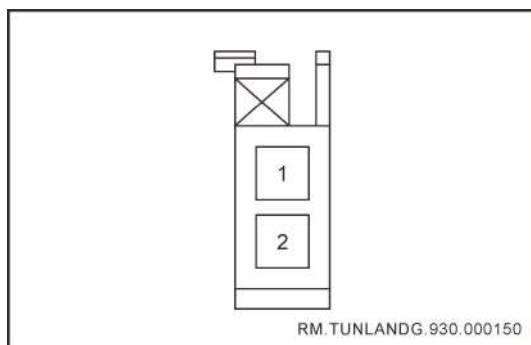
Right front door harness



7283-1556 YAZAKI

H001 into Right front door door lock assembly

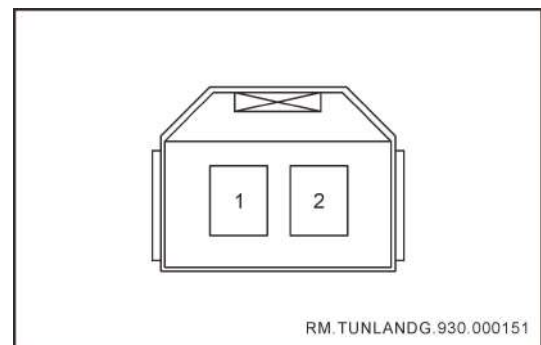
Ter- minal number	Wire diam- eter/c- olor	function
1	0.75 L	Non-Driver side latching
2	—	—
3	—	—
4	0.75 B/R	Non-driver side lock unlocking
5	—	—
6	—	—
7	—	—
8	—	—
9	—	—
10	—	—



0443401 THB

H005 into Right front door speaker

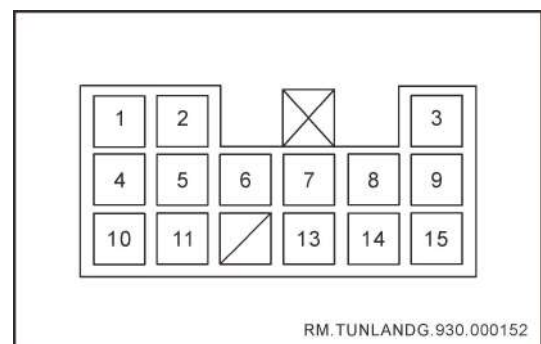
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 B/R	loudspeaker+
2	0.50 L/G	loudspeaker-



DJ7022Y-1.8-11/29 CZT

H006 into The right treble loudspeaker

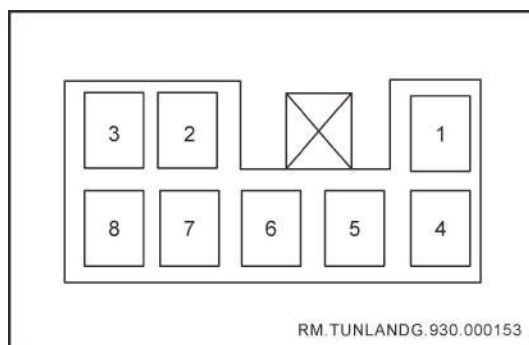
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 L/G	loudspeaker-
2	0.50 B/R	loudspeaker+



MG651068 - 2 KET

H008 into Instrument Welling Hanis II

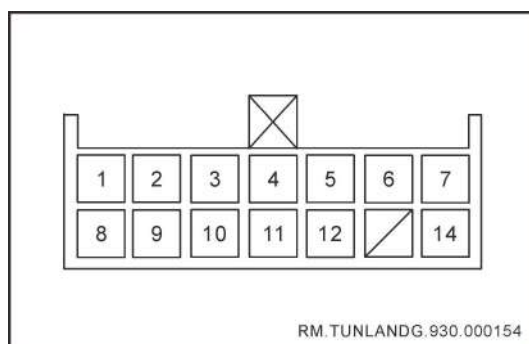
Ter- minal number	Wire diam- eter/c- olor	function
1	0.75 L	Non-Driver side unlock
2	0.75 B/R	Non-Driver side latching
3	2.50 B	earthing
4	0.50 Gr/W	Right Camera power supply
5	0.50 W/B	Right camera Signal
6	0.35 L/W	Ambient light – Blue color
7	0.35 G/Br	Ambient light – Green color
8	0.35 R	Ambient light – Red color
9	2.50 W	Right front door glass power supply
10	0.50 B	The right camera shields the ground
11	0.50 Gr	Right camera commons
12	—	—
13	0.50 R/B	Folding motor+
14	0.50 R/W	Folding motor–
15	0.35 R/Y	Right blind zone alarm light



DJ7082Y-2.2-21/29into CZT

H009 into Right front glass lift switch

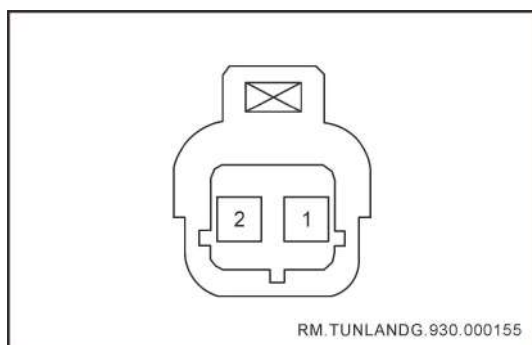
Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 O	Backlight power supply
2	0.35 W/R	Glass switch control
3	0.35 W	Glass rise control
4	2.50 W	Right front door electric glass power supply
5	2.00 Gr/R	Glass drops+
6	0.35 R	Glass drop control
7	2.00 P	Glass rises+
8	2.00 B	earthing



936199-1 TE

H010 Connect instrument harness one

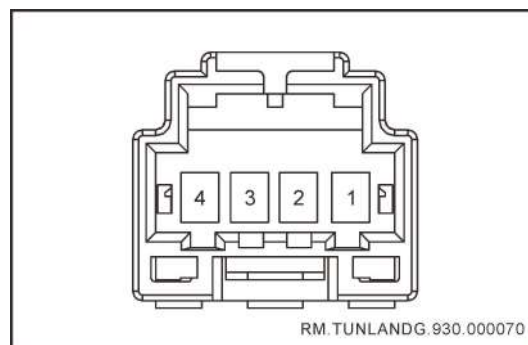
Ter- minal number	Wire diam- eter/c- olor	function
1	0.5 R	Heated mirrors
2	0.35 W/R	Right front door glass switch
3	0.35 O	Backlight power supply
4	0.50 B/R	Right front speaker+
5	0.50 L/G	Right front speaker-
6	0.35 R/G	Mirror adjustment
7	0.35 R/O	Mirror adjustment
8	0.35 L/R	Mirror adjustment
9	0.35 W	Glass rise control
10	0.35 R	Glass drop control
11	0.35 B/G	Right Turn signal power supply
12	0.35 L/R	Right welcome light
13	—	—
14	0.35 L/W	Right front door Keyless entry



211PC022S8049 FCI

H011 into Right front glass lift Motor

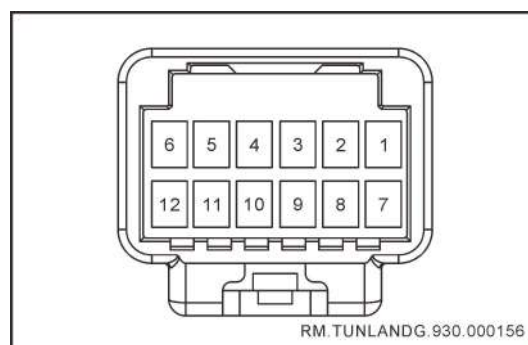
Ter- minal number	Wire diam- eter/c- olor	function
1	2.00 P	Glass rises
2	2.00 Gr/R	Glass drops



936121-1 TE

H012 into Right ambient light

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 L/W	Ambient light – Blue color
2	0.35 G/Br	Ambient light – Green color
3	0.35 R	Ambient light – Red color
4	0.35 B	earthing



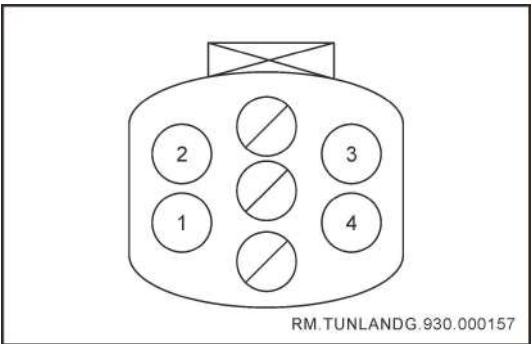
1565894-1 TE

H013 into Power mirrors on the right

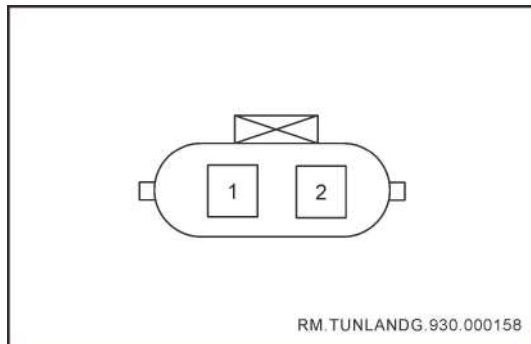
FL

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 R/G	Mirror adjustment
2	0.35 L/R	Mirror adjustment
3	0.35 R/O	Mirror adjustment
4	0.50 B	earthing
5	0.5 R	Heated mirrors
6	0.50 B	earthing
7	0.35 Lg/R	Right welcome light
8	0.50 R/W	Folding motor-
9	0.35 B/G	Turn signal power supply
10	0.35 B	Right blind zone alarm lightearthing
11	0.35 R/Y	Right blind zone alarm lightpower supply
12	0.50 R/B	Folding motor+

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 Gr/W	Right Camera power supply
2	0.50 Gr	Right camera commons
3	0.50 B	The right camera shields the ground
4	0.50 W/B	Camera Signal on the right
5	—	—
6	—	—
7	—	—



2822344-1 TE
H015 into Right camera

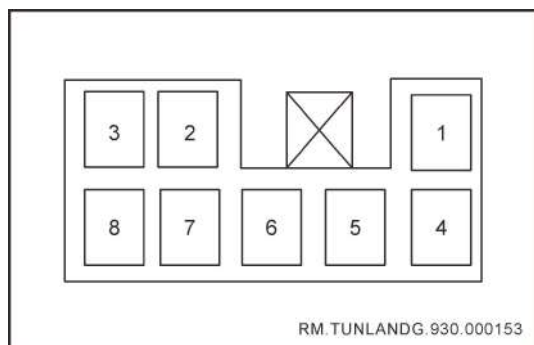


DJ7021Y-2-11/28into CZT

H016 into Right front door microswitch

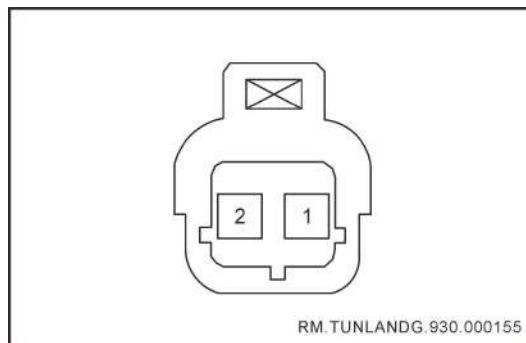
Ter- minal num- ber	Wire diam- eter/c- olor	function
1	0.50 L/W	Right front door Keyless entry
2	0.50 B	earthing

Right rear door harness



DJ7082Y-2.2-21/29into CZT

J002 into Right rear door lift switch

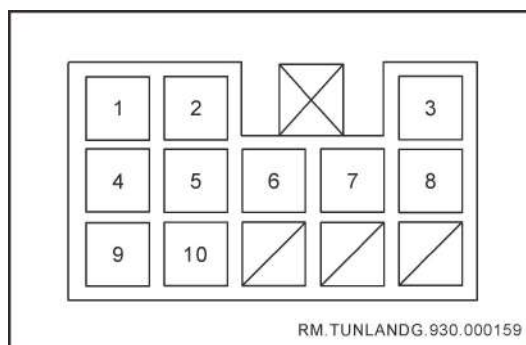


211 PC022S8049 FCI

J003 into Right rear door glass lift Motor

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 O/Y	Backlight power supply
2	0.35 W/O	Glass switch control
3	0.35 O/W	Glass rise control
4	2.50 V	Right rear door power glass power supply
5	2.00 S/B	Glass drops+
6	0.35 L/R	Glass drop control
7	2.00 O	Glass rises+
8	2.50 B	earthing

Ter- minal number	Wire diam- eter/c- olor	function
1	2.00 S/B	Glass rises
2	2.00 O	Glass drops

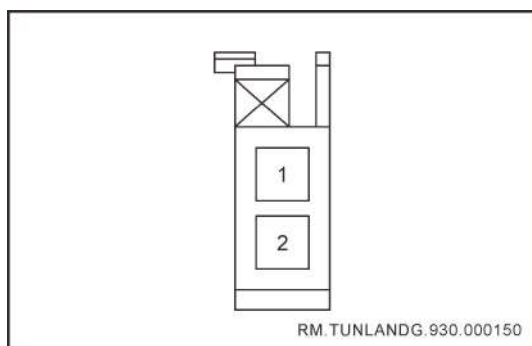


PP0434603 THB

J008Earthing board harness

Ter- minal number	Wire diam- eter/c- olor	function
1	0.75 L	Right rear door lock – locked
2	0.75 B/R	Right rear door lock – unlock
3	0.35 W/O	Right rear door glass switch

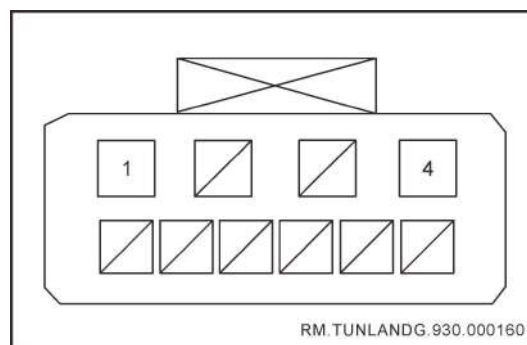
Ter- minal number	Wire diam- eter/c- olor	function
4	0.35 O/Y	Backlight power supply
5	0.35 L/R	Right rear door and window down control
6	0.35 O/W	Right rear door and window rise control
7	2.50 B	earthing
8	0.50 P	Right rear door speaker-
9	0.50 O	Right rear door speaker+
10	2.50 V	Right rear door glass power supply
11	—	—
12	—	—
13	—	—



0443401 THB

J010 into Right rear door speaker

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 O	loudspeaker+
2	0.50 P	loudspeaker-



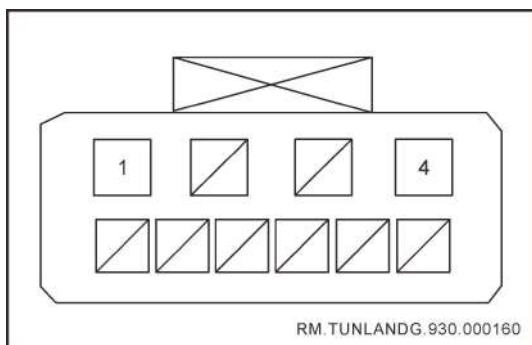
7283 - 1556 Yazaki

J013 into Right rear door lock assembly

Ter- minal number	Wire diam- eter/c- olor	function
1	0.75 L	Right rear door lock - locked
2	—	—
3	—	—
4	0.75 B/R	Right rear door lock - unlock
5	—	—
6	—	—
7	—	—
8	—	—
9	—	—
10	—	—

FL

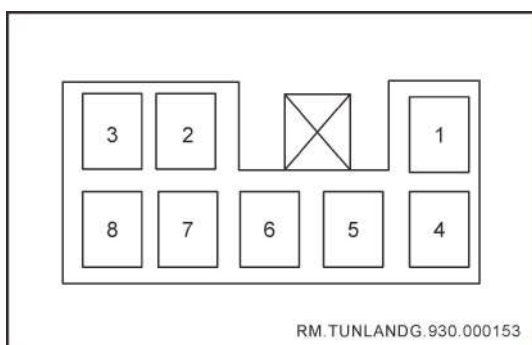
Left rear door harness



7283-1556 YAZAKI

K001 into Left rear door lock assembly

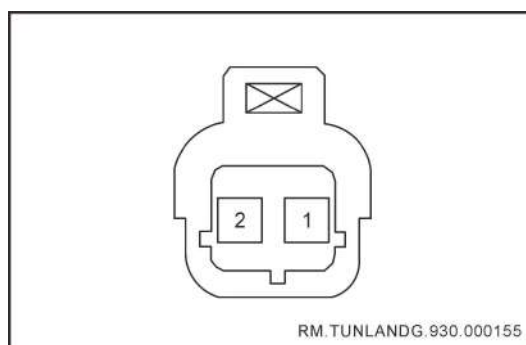
Ter-minal number	Wire diameter/c-olor	function
1	0.75 L	Left rear door lock – unlock
2	—	—
3	—	—
4	0.75 B/R	Right rear door lock – latch
5	—	—
6	—	—
7	—	—
8	—	—
9	—	—
10	—	—



DJ7082Y-2.2-21/29into CZT

K002 into Glass lift switch

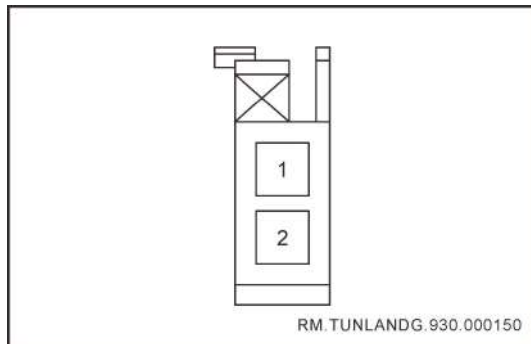
Ter-minal number	Wire diameter/c-olor	function
1	0.35 O	Backlight power supply
2	0.35 W/Br	Glass switch control
3	0.35 V/W	Glass rise control
4	2.50 V	Left rear door electric glass power supply
5	2.00 R	Glass drops+
6	0.35 V/R	Glass drop control
7	2.00 L	Glass rises+
8	2.50 B	earthing



211PC022S8049 FCI

K003 into Left rear door glass lift Motor

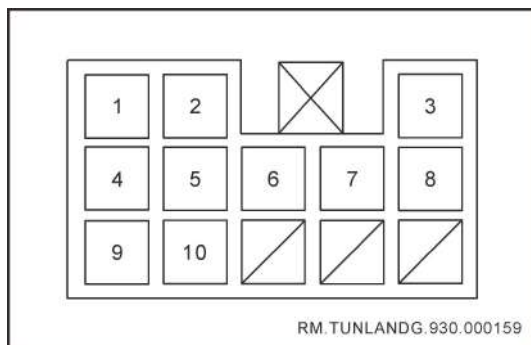
Ter-minal number	Wire diameter/c-olor	function
1	2.00 R	Glass rises
2	2.00 L	Glass drops



0443401 THB

K004 into Left rear door speaker

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 B/G	Left rear door speaker+
2	0.50 G/R	Left rear door speaker-



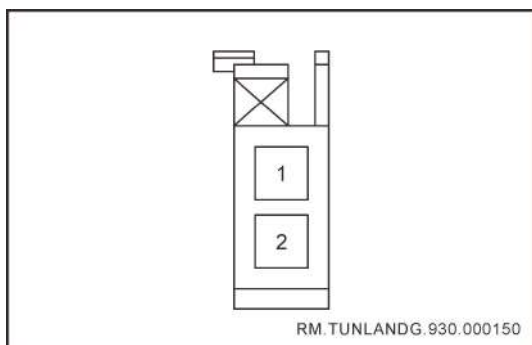
PP0434603 THB

K012Earthing board harness

Ter- minal number	Wire diam- eter/c- olor	function
1	0.75 L	Left rear door lock – unlock
2	0.75 B/R	Left rear door lock – locked
3	0.35 O	Backlight power supply
4	0.35 W/Br	Left rear door glass switch

Ter- minal number	Wire diam- eter/c- olor	function
5	0.35 V/R	Left rear door and window lowering control
6	0.35 V/W	Left rear door and window rise control
7	2.50 B	earthing
8	0.50 G/R	Left rear door speaker-
9	0.50 B/G	Left rear door speaker+
10	2.50 V	Left rear door glass power supply
11	—	—
12	—	—
13	—	—

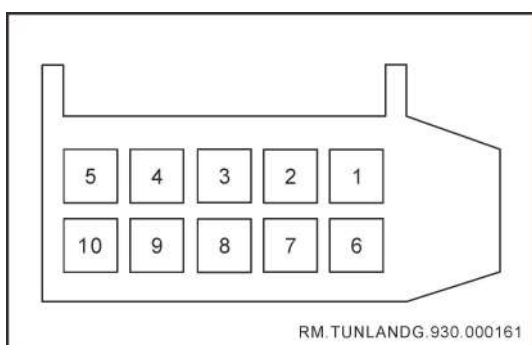
Left front door harness



0443401 THB

L005 into Left front door loudspeaker

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 V/W	loudspeaker+
2	0.50 G/B	loudspeaker-



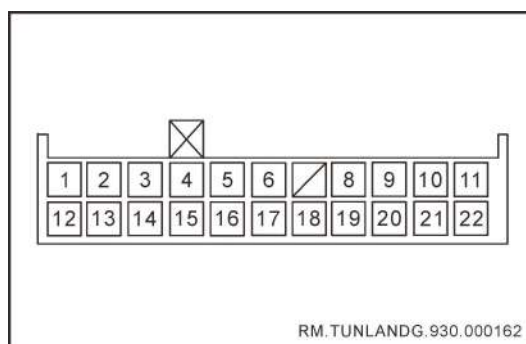
Inner core: 1534125-1 TE

enclosure: 1-1534172-1(90 degrees) TE

L006 into Mirror switch assembly

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 R/O	Mirror adjustment
2	0.35 R/Gr	Mirror adjustment

Ter- minal number	Wire diam- eter/c- olor	function
3	0.35 R/L	Mirror adjustment
4	0.35 L/R	Mirror adjustment
5	0.35 R/B	Mirror adjustment
6	0.50 B	earthing
7	0.50 P	Mirror adjustmentACC power supply
8	0.35 Br/R	Mirror heating switch
9	0.35 O	Backlight power supply
10	0.35 G/R	Mirror folding Signal



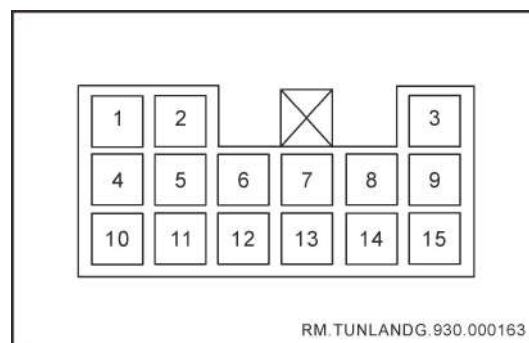
PP0456801 THB

L007 into Instrument harness 1

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 L/B	Mechanical latching input
2	0.35 O	Mechanical unlock input
3	0.35 Y/R	Mechanical lock feedback

Ter- minal number	Wire diam- eter/c- olor	function
4	0.50 P	The rearview mirror adjusts the power supply
5	0.35 O	Backlight power supply
6	0.35 Y/B	Central lock input
7	—	—
8	0.35 L	Keyless entry
9	0.35 B/W	Left alarm light
10	0.35 L/R	Left welcome light
11	0.35 G/R	Mirror folding Signal
12	0.35 O/B	Right front glass control
13	0.35 W/B	Left rear glass control
14	0.35 L/Y	Right rear glass control
15	0.35 W/P	Glass forbidden switchSignal
16	0.35 G	Left Turn signal power supply
17	0.50 V/W	Left front speaker+
18	0.50 G/B	Left front speaker-
19	0.35 Br/R	Mirror heating switch
20	0.35 R	The ambience is red
21	0.35 G/Br	The mood is lit green

Ter- minal number	Wire diam- eter/c- olor	function
22	0.35 L/W	Ambient lights blue



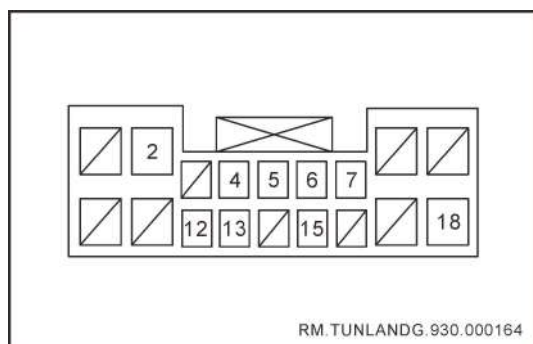
MG651068-2 KET

L008 into Instrument harness 2

Ter- minal number	Wire diam- eter/c- olor	function
1	2.50 B	earthing
2	0.75 L/P	Driver side unlock
3	0.75 B/R	Driver side latching
4	0.50 R	Heated mirrors
5	2.00 W	Left front glass lift power supply
6	0.35 R/Gr	Mirror adjustment
7	0.35 R/O	Mirror adjustment
8	0.50 W/B	Left camera Signal
9	0.50 Gr/W	Left camera power supply
10	0.35 V/P	LIN1 - anti-pinch

FL

Ter- minal number	Wire diam- eter/c- olor	function
11	0.50 R/B	Folding motor+
12	0.50 R/W	Folding motor-
13	0.35 L/R	Mirror adjustment
14	0.50 Gr	Left camera power Supplyland
15	0.50 B	Left camera Signally

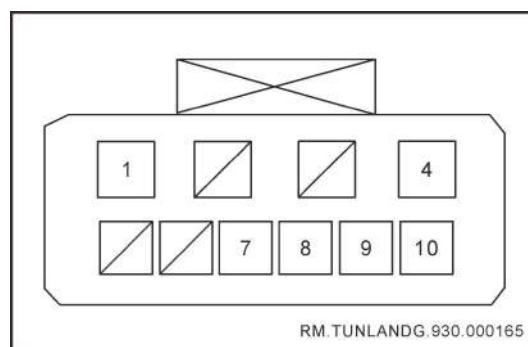


3STX18FW Hu Lian

L009 into Left front door control switch
assembly

Ter- minal number	Wire diam- eter/c- olor	function
1	—	—
2	0.35 O	Backlight
3	—	—
4	0.35 W/G	Central lock input
5	0.35 R/B	Front left Glass rise control
6	0.35 W/G	Front left Glass drop control

Ter- minal number	Wire diam- eter/c- olor	function
7	0.50 O/B	Right front window regulator switch
8	—	—
9	—	—
10	—	—
11	—	—
12	0.35 W/B	Left rear window regulator switch
13	0.35 L/Y	Right rear window regulator switch
14	—	—
15	0.35 W/P	Glass forbidden switch
16	—	—
17	—	—
18	1.50 B	earthing

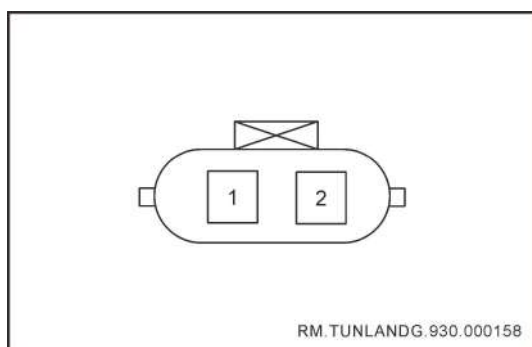


7283-1556 YAZAKI

L010 into Left front door door lock assembly

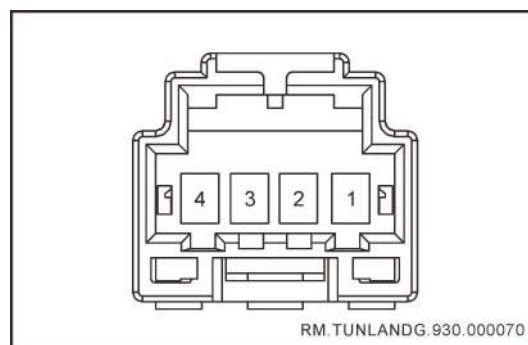
Ter- minal number	Wire diam- eter/c- olor	function
1	0.75 L/P	Left front door lock assembly-Driver side unlock

Ter- minal number	Wire diam- eter/c- olor	function
2	—	—
3	—	—
4	0.75 B/R	Left front door lock assembly-Driver side latching
5	—	—
6	—	—
7	0.35 B	earthing
8	0.35 Y/R	Mechanical feedback
9	0.35 L/B	Mechanical latching input
10	0.35 O	Mechanical unlock input



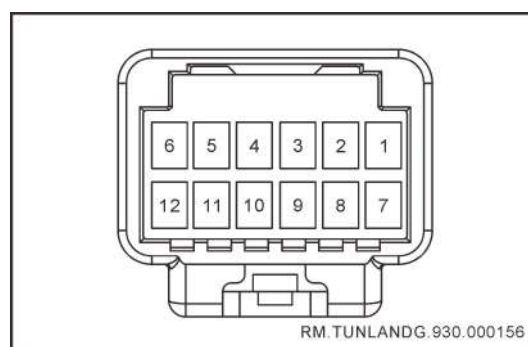
DJ7021Y-2-11/28into CZT
L011 into Left front door microswitch

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 L	Keyless entry
2	0.50 B	earthing



936121-1 TE
L012 into Ambient light on the left

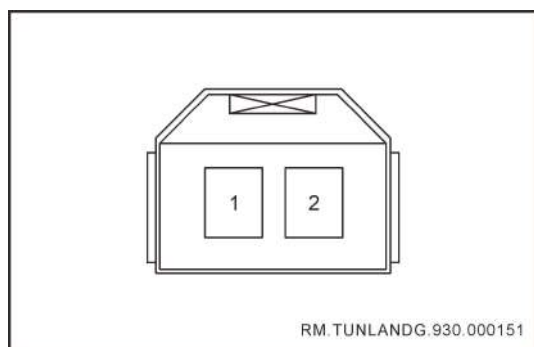
Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 L/W	Ambient light – Blue color
2	0.35 G/Br	Ambient light – Green color
3	0.35 R	Ambient light – Red color
4	0.35 B	earthing



1565894-1 TE
L013 into Power mirrors

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 R/L	Mirror adjustment
2	0.35 R/B	Mirror adjustment

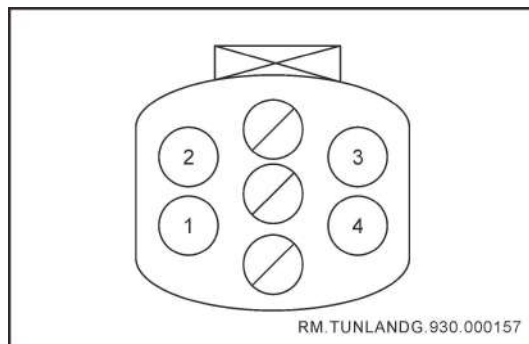
Ter- minal number	Wire diam- eter/c- olor	function
3	0.35 R/O	Mirror adjustment
4	0.50 B	earthing
5	0.5 R	Heated mirrors
6	0.50 B	earthing
7	0.35 Lg/R	Left welcome light
8	0.50 R/W	Folding motor-
9	0.35 G	Turn signal power supply
10	0.35 B	Left alarm lightearthing
11	0.35 B/W	Left alarm lightpower supply
12	0.50 R/B	Folding motor+



DJ7022Y-1.8-11/29 CZT

L014 into Left treble loudspeaker

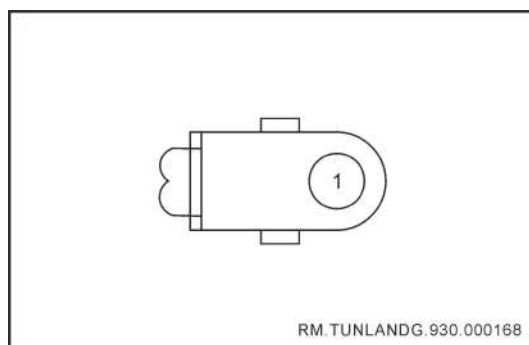
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 G/B	loudspeaker-
2	0.50 V/W	loudspeaker+



2822344-1 TE

L015 into Left camera

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 Gr/W	Camera on the left power supply
2	0.50 Gr	Camera on the left power Supplyland
3	0.50 B	Left cameraSignally
4	0.50 W/B	Left cameraSignal
5	—	—
6	—	—
7	—	—



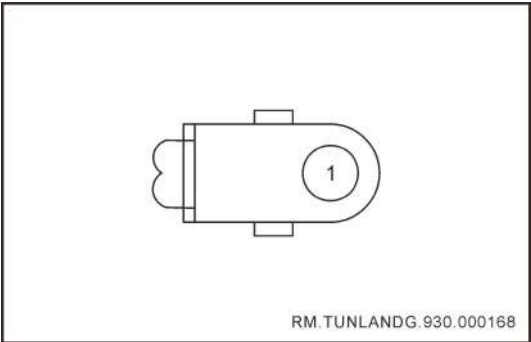
902970-00 FCI

L017 into Left front door glass lift motor
assembly (anti-pinch)

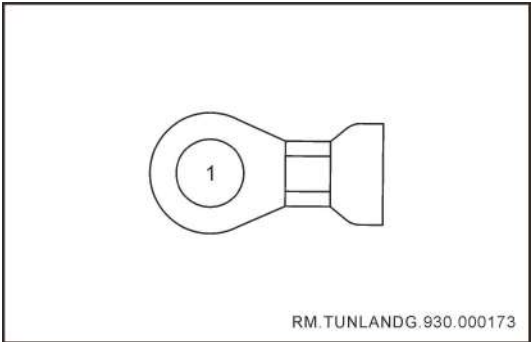
Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 R/B	Front left Glass rises
2	—	—
3	2.0 W	Left front glass lift power supply
4	2.0 B	earthing
5	0.35 V/P	LIN1 - anti-pinch
6	0.35 W/G	Front left Glass drops

Battery harness

FL



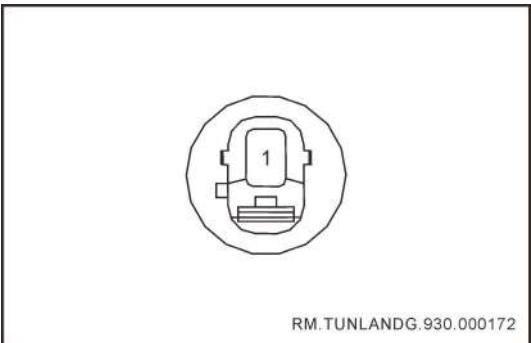
FDJ02.908 Fondhi
Q001 into starter



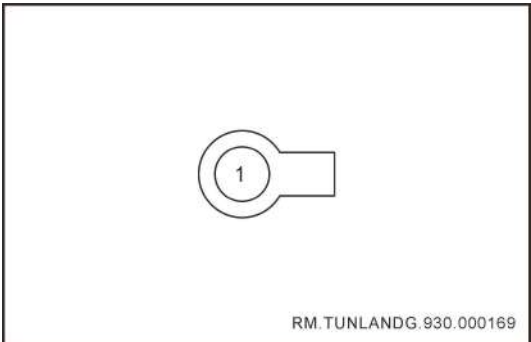
FDJ.02.187 Fondhi
Q008 Into MotorB+

Ter- minal number	Wire diam- eter/c- olor	function
1	30.00 R	starterpower supply

Ter- minal number	Wire diam- eter/c- olor	function
1	20.00 R	MotorB+



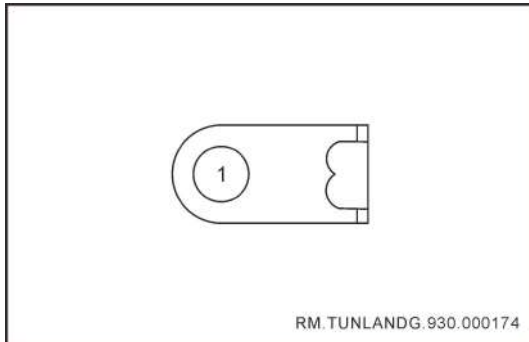
7283 - 1114 - 30 YAZAKI
Q003 into Oil pressure switch



Q009Connect the battery positive fuse box
(motor charging)

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 Br/Y	Oil pressure switch

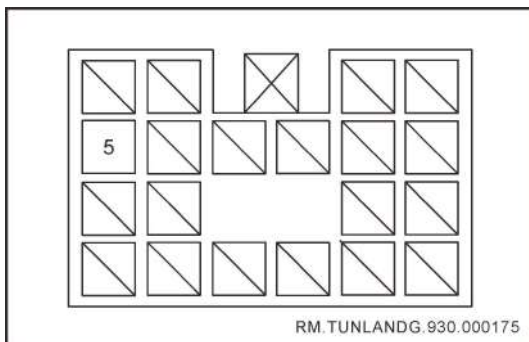
Ter- minal number	Wire diam- eter/c- olor	function
1	20.00 R	Motor charging power supply



PP1496801 THB

Q010 Connect the battery positive fuse box

Ter- minal number	Wire diam- eter/c- olor	function
1	30.00 R	Battery power

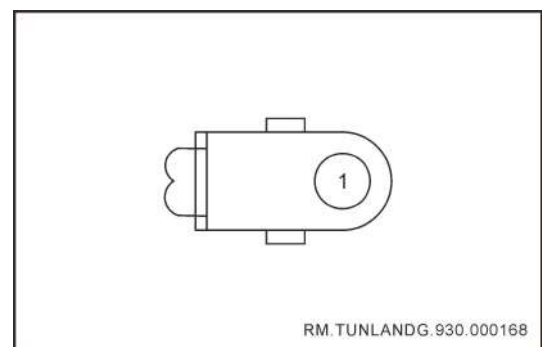


PP0428205 THB

Q011 Pick up the cabin wiring harness

Ter- minal number	Wire diam- eter/c- olor	function
1	—	—
2	—	—
3	—	—
4	—	—
5	0.50 Br/Y	Oil pressure switch
6	—	—
7	—	—

Ter- minal number	Wire diam- eter/c- olor	function
8	—	—
9	—	—
10	—	—
11	—	—
12	—	—
13	—	—
14	—	—
15	—	—
16	—	—
17	—	—
18	—	—
19	—	—
20	—	—

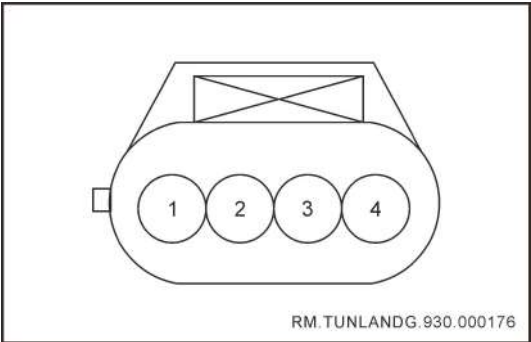


010721 Fondhi

Q012 into Battery negative electrode

Ter- minal number	Wire diam- eter/c- olor	function
1	20.00 B	Battery negative electrode

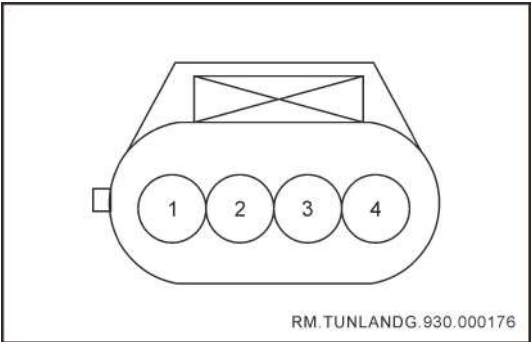
Front bumper harness



FL

7283-8853-30 YAZAKI
R001 into Right front radar probe

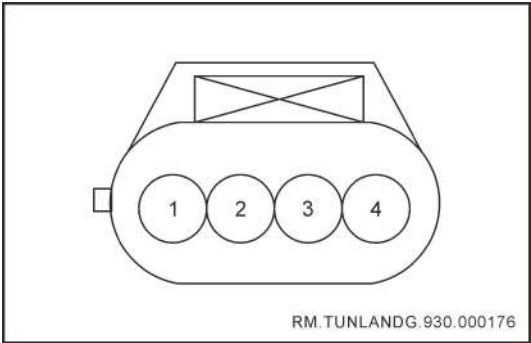
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 B	earthing
2	—	—
3	0.50 W/G	IG1 power supply
4	0.50 Y	Internal LIN1



7283-8853-30 YAZAKI
R002 into Right center radar probe

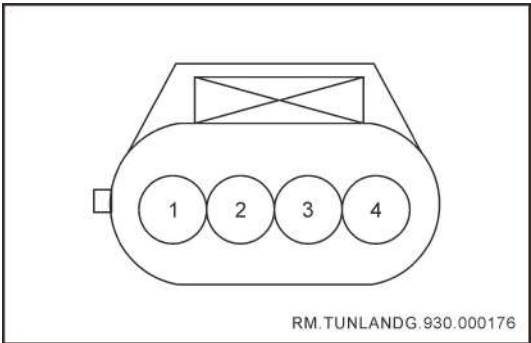
Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 B	earthing
2	0.50 Y	Internal LIN
3	0.50 W/G	IG1 power supply

Ter- minal number	Wire diam- eter/c- olor	function
4	0.50 Y	Internal LIN



7283-8853-30 YAZAKI
R003 into Left center radar probe

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 B	earthing
2	0.50 B	earthing
3	0.50 W/G	IG1 power supply
4	0.50 Y	Internal LIN



7283-8853-30 YAZAKI
R004 into Left front radar probe

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 B	earthing
2	0.50 Y	Internal LIN
3	0.50 W/G	IG1 power supply
4	0.50 V/P	LIN1

FL



2822346TE

R005Connect the engine compartment wiring
harness assembly

Ter- minal num- ber	Wire diam- eter/c- olor	function
1	—	—
2	—	—
3	0.50 W/G	IG1 power supply
4	—	—
5	0.50 B	earthing
6	0.50 V/P	LIN1

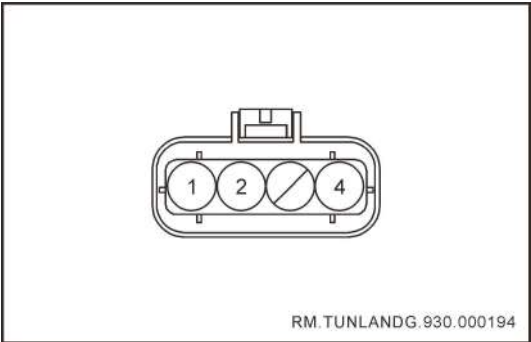
Pre-wired bundles



42122500

E024 into preheating into port 2

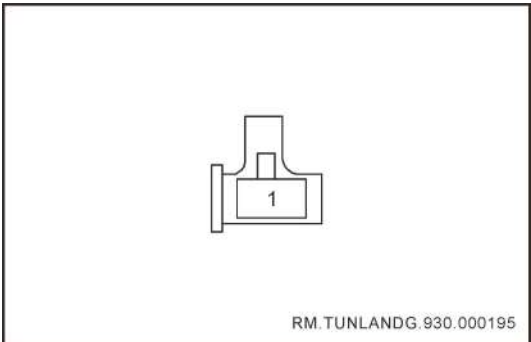
Ter-minal number	Wire diam-eter/c-olor	function
1	0.50 G	Intake air temperature pressure sensor Signal
2	0.50 G/B	Intake air temperature pressure sensor earthing
3	—	—
4	0.50 G/R	Intake air temperature pressure sensor power supply
5	1.50 R	Glow plugs 4—Preheating
6	1.50 R	Glow plugs 2—Preheating
7	1.50 R	Glow plugs 3—Preheating
8	1.50 R	Glow plugs 1—Preheating



1 - 1718645 - 1 TE

E025 into Intake air temperature pressure sensor

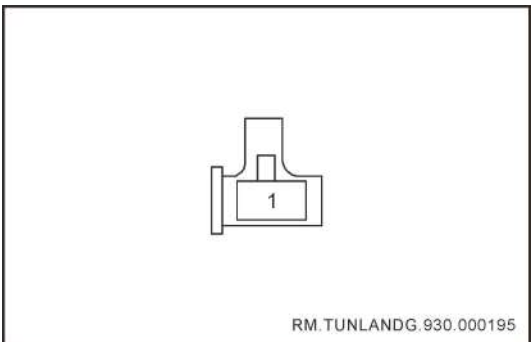
Ter-minal number	Wire diam-eter/c-olor	function
1	0.50 G	Signal
2	0.50 G/R	sensorpower supply
3	—	—
4	0.50 G/B	sensorearthing



1 928 404 878

E026 into Glow plugs 1

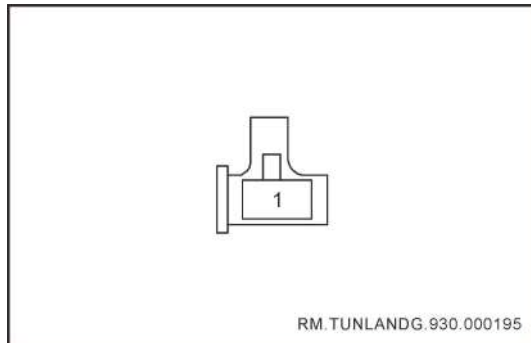
Ter-minal number	Wire diam-eter/c-olor	function
1	1.50 R	preheat



1 928 404 878

E027 into Glow plugs 2

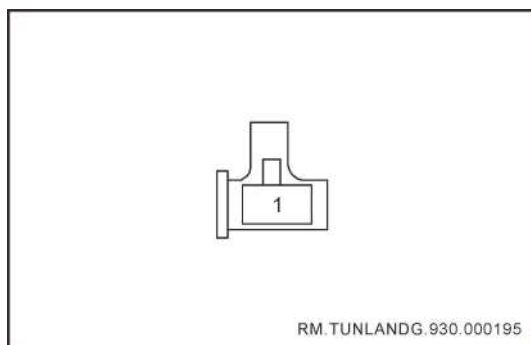
Ter- minal number	Wire diam- eter/c- olor	function
1	1.50 R	preheat



1 928 404 878

E028 into Glow plugs 3

Ter- minal num- ber	Wire diam- eter/c- olor	function
1	1.50 R	preheat

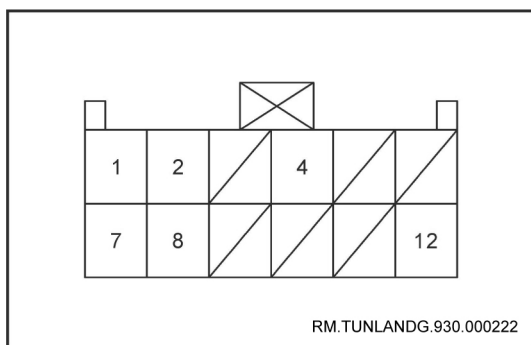


1 928 404 878

E029 into Glow plugs 4

Ter- minal number	Wire diam- eter/c- olor	function
1	1.50 R	preheat

Post-processing harnesses



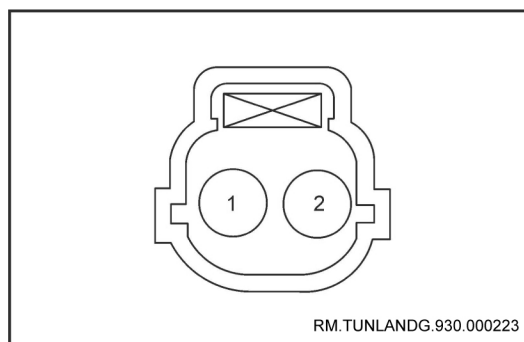
RM.TUNLANDG.930.000222

MG613342 KET

S001Earthing board Harness assembly

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 W/R	Urea mass temperature sensorSignal
2	0.50 W/B	Urea mass temperature sensorearthing
3	1.00 Y/B	Urea mass temperature sensorpower supply
4	1.00 Br	Urea heating
5	0.50 B	earthing
6	0.35 Y/R	DCAN-L
7	0.50 Y/W	Urea recovery pump+
8	1.00 L	Urea recovery pump-
9	1.00 Gr	Urea supply pump+
10	1.00 P	Urea supply pump-
11	0.50 R	SCRRelayspower supply
12	0.75 P	Urea tube heating
13	0.35 G/R	DCAN-H
14	0.75 O	Exhaust back pressure valve POWER supply

Ter- minal number	Wire diam- eter/c- olor	function
15	0.75 Y	Exhaust back pressure valve control2
16	0.75 L	Exhaust back pressure valve Signal
17	0.75 Y/W	Exhaust back pressure valve earthing
18	0.75 V	Exhaust back pressure valve control1
19	0.50 Y	T7 temperature sensor+
20	0.35 Y/R	DCAN-L
21	0.35 G/R	DCAN-L
22	2.00 B	earthing
23	0.50 L	T7 temperature sensor-



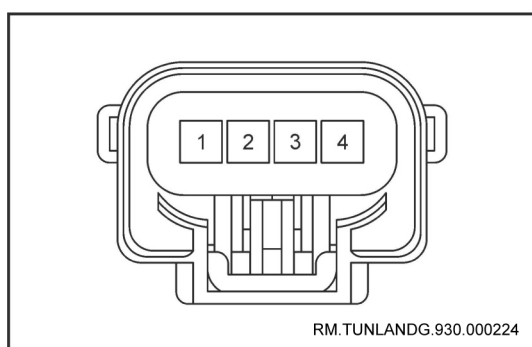
RM.TUNLANDG.930.000223

284716-3 TE

S002 into Exhaust back pressure valve

Ter- minal number	Wire diam- eter/c- olor	function
1	0.50 O	Exhaust back pressure valve sensorpower supply
2	0.75 Y	Exhaust back pressure control 2

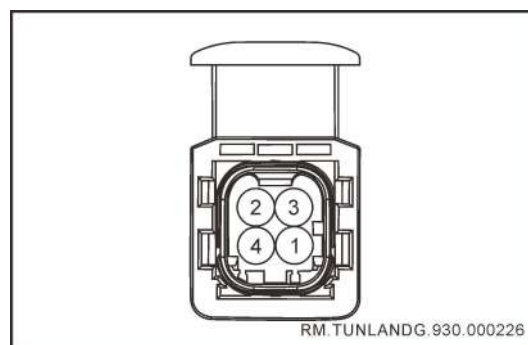
Ter- minal number	Wire diam- eter/c- olor	function
3	0.50 L	Exhaust back pressure valve sensorSignal
4	—	—
5	0.75 Y/W	Exhaust back pressure valve sensorearthing
6	0.75 V	Exhaust back pressure valve control1



1928403736 BOSCH

S003 into Urea pump plugs one

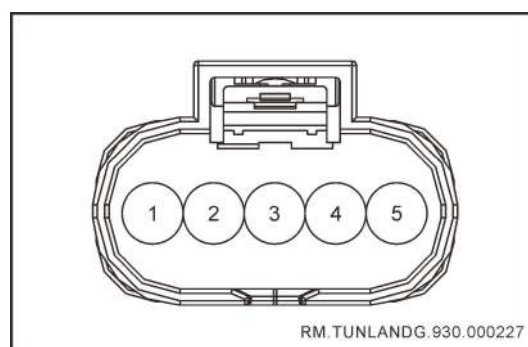
Ter- minal number	Wire diam- eter/c- olor	function
1	1.00 Y/B	Urea recovery pump+
2	1.00 L	Urea recovery pump-
3	1.00 Gr	Urea supply pump-
4	1.00 P	Urea supply pump+



3-1418390-1 TE

S004 into PMsensor

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 B	sensorpower supply
2	0.50 Y/R	earthing
3	0.50 G/R	DCAN-H
4	0.50 R	DCAN-L



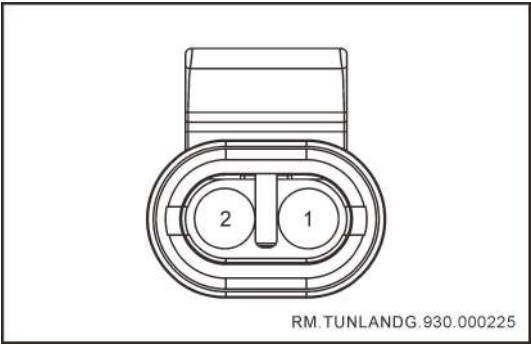
1928403738 BOSCH

S005 into Urea pump plugs II

Ter- minal number	Wire diam- eter/c- olor	function
1	0.35 W/R	Urea mass temperature sensorSignal
2	0.35 W/B	Urea mass temperature sensorearthing

Ter-minal number	Wire diam-eter/c-olor	function
3	0.35 Y/W	Urea mass temperature sensorpower supply
4	1.00 B	earthing
5	1.00 Br	Urea heating

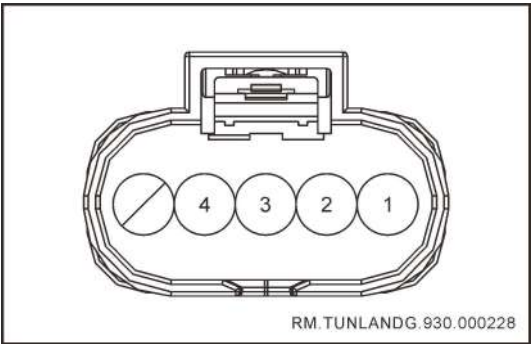
FL



282080-1 TE

S006 into Urea tube heating

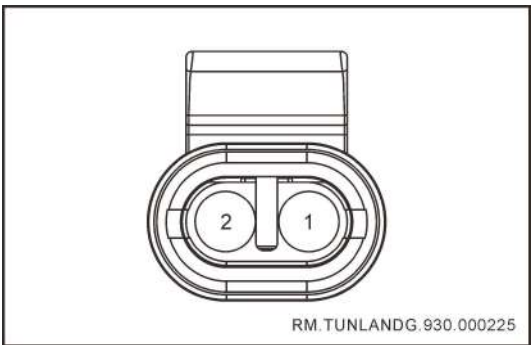
Ter-minal number	Wire diam-eter/c-olor	function
1	0.75 B	earthing
2	0.75 P	Urea tube heating



872-860-541 HISCHMANN

S007 into Post-nitrogen Oxygen sensor

Ter-minal number	Wire diam-eter/c-olor	function
1	0.50 R	sensorpower supply
2	0.35 B	earthing
3	0.35 Y/R	DCAN-L
4	0.35 G/R	DCAN-H
5	—	—

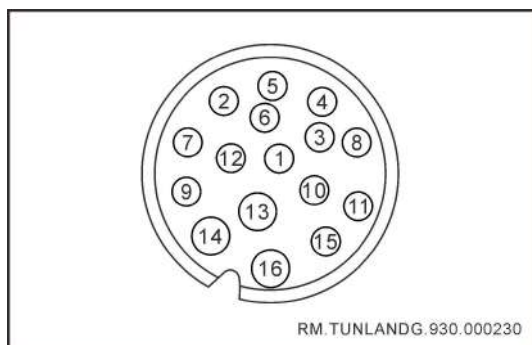


282080-1 TE

S008 into SCR Export Temperature sensor

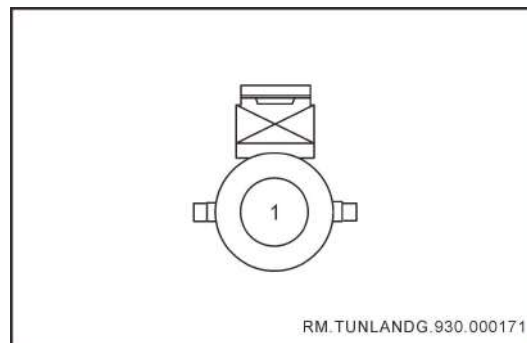
Ter-minal number	Wire diam-eter/c-olor	function
1	0.50 L	T7 temperature sensor-
2	0.50 Y	T7 temperature sensor+

Automatic transmission wiring harness



PP0427403 Kostal

T001 into TCU



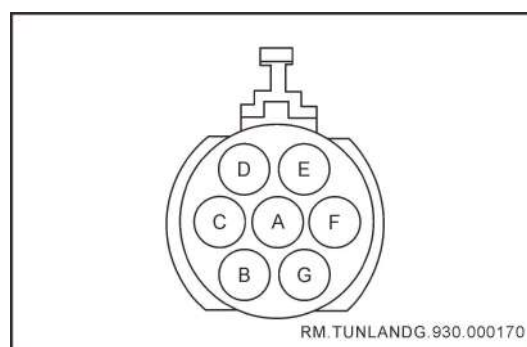
12065172 Delphi

T002 into Magnetic clutch coil

FL

Ter- minal number	Wire diam- eter/c- olor	function
1	—	—
2	—	—
3	—	—
4	—	—
5	0.50 G/B	PCAN-H
6	0.50 Y/B	PCAN-L
7	—	—
8	—	—
9	0.50 R/Br	IG1 power supply
10	—	—
11	—	—
12	—	—
13	0.75 W/R	TCUpower supply
14	0.75 B	earthing
15	—	—
16	—	—

Ter- minal number	Wire diam- eter/c- olor	function
1	1.25 Br	The synchronizer controls the coil+



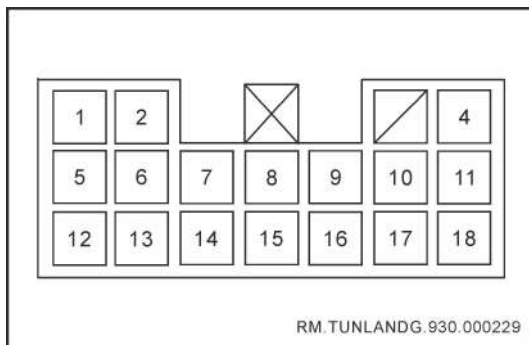
12110751 Delphi

T003 into Transfer unit

Ter- minal number	Wire diam- eter/c- olor	function
A	0.50 Y/L	Motor position 4
B	2.00 Y	The motor controls low speed – high speed
C	0.50 V	Motor position 3
D	0.50 W/B	Motor position 2

Ter- minal number	Wire diam- eter/c- olor	function
E	0.50 O/W	Motor position 1
F	0.50 Y/W	earthing
G	2.00 O	Motor position High speed – low speed

FL



T004 into Instrument wiring harness assembly

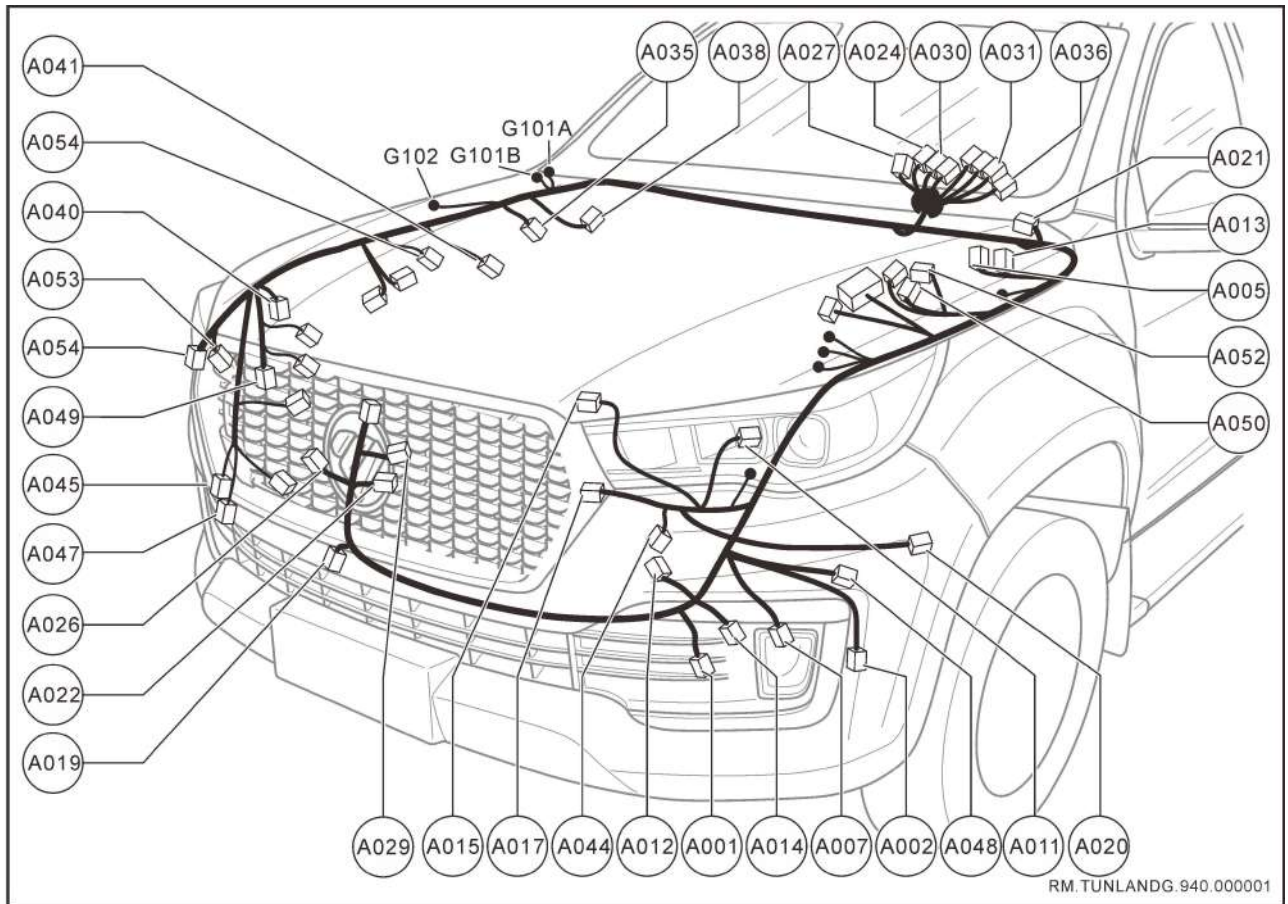
Ter- minal number	Wire diam- eter/c- olor	function
9	0.75 B	earthing
10	0.50 V	Motor position 3
11	0.50 Y/L	Motor position 4
12	0.50 Y/W	earthing
13	2.00 Y	The motor controls low speed – high speed
14	2.00 O	The motor controls high speed – low speed
15	0.50 Y/B	PCAN-L
16	0.50 G/B	PCAN-H

Ter- minal number	Wire diam- eter/c- olor	function
1	0.75 W/R	Battery power
2	1.25 Br	The synchronizer controls the coil+
3	—	—
4	0.50 R/Br	IG1 power supply
5	0.50 W/B	Motor position 2
6	0.50 O/W	Motor position 1
7	0.50 Y/B	PCAN-L
8	0.50 G/B	PCAN-H

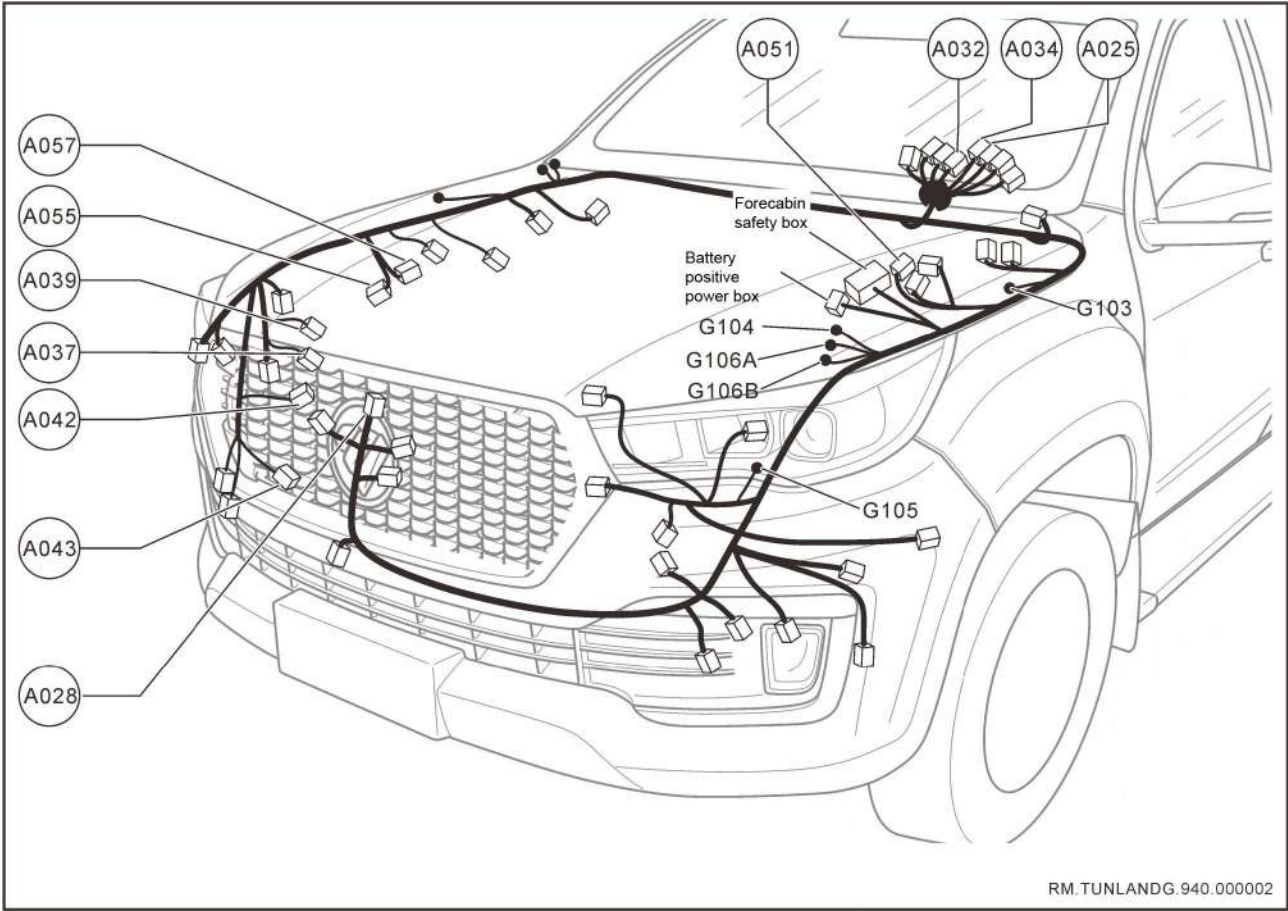
Wiring harness and electrical components insert into a position map

Engine compartment wiring harness

Engine compartment wiring harness1



Engine compartment wiring harness2



Engine compartment wiring harness-Electrical components into plugins

A002	Front wash Motor	A005	Brake level alarmsensor
A007	Left front fog lamp	A011	Left front combination light
A012	Left front wheel speed sensor	A013	Braking pressure sensor
A014	Front left: Daytime running lights	A015	Left front collision sensor
A017	Brushless electronic fan	A019	360 front camera assembly
A020	Cooling Temperature sensor	A021	Front wiper assembly
A022	Front hatch into a tactile switch	A026	tweeter
A028	woofer	A029	Outdoor Temperature sensor
A035	ESP	A037	Right front Daytime running lights
A039	Right front fog light	A040	Pre-nitrogen Oxygen sensor
A041	Air flow meter	A042	Right front combination light
A043	DPFTemperature sensor	A044	Cooling water pump

A045	DOCTemperature sensor	A047	SCRTemperature sensor
A048	Ambient temperature sensor	A049	Right front wheel speed sensor
A050	Water level sensor	A051	Fuel temperature sensor
A052	Wood filter heating	A053	Pressure switch
A054	Right front side collision sensor	A055	GCU(Preheat controls Relays)
A057	HCU(Urea Heating controller)	A058	Termination resistance

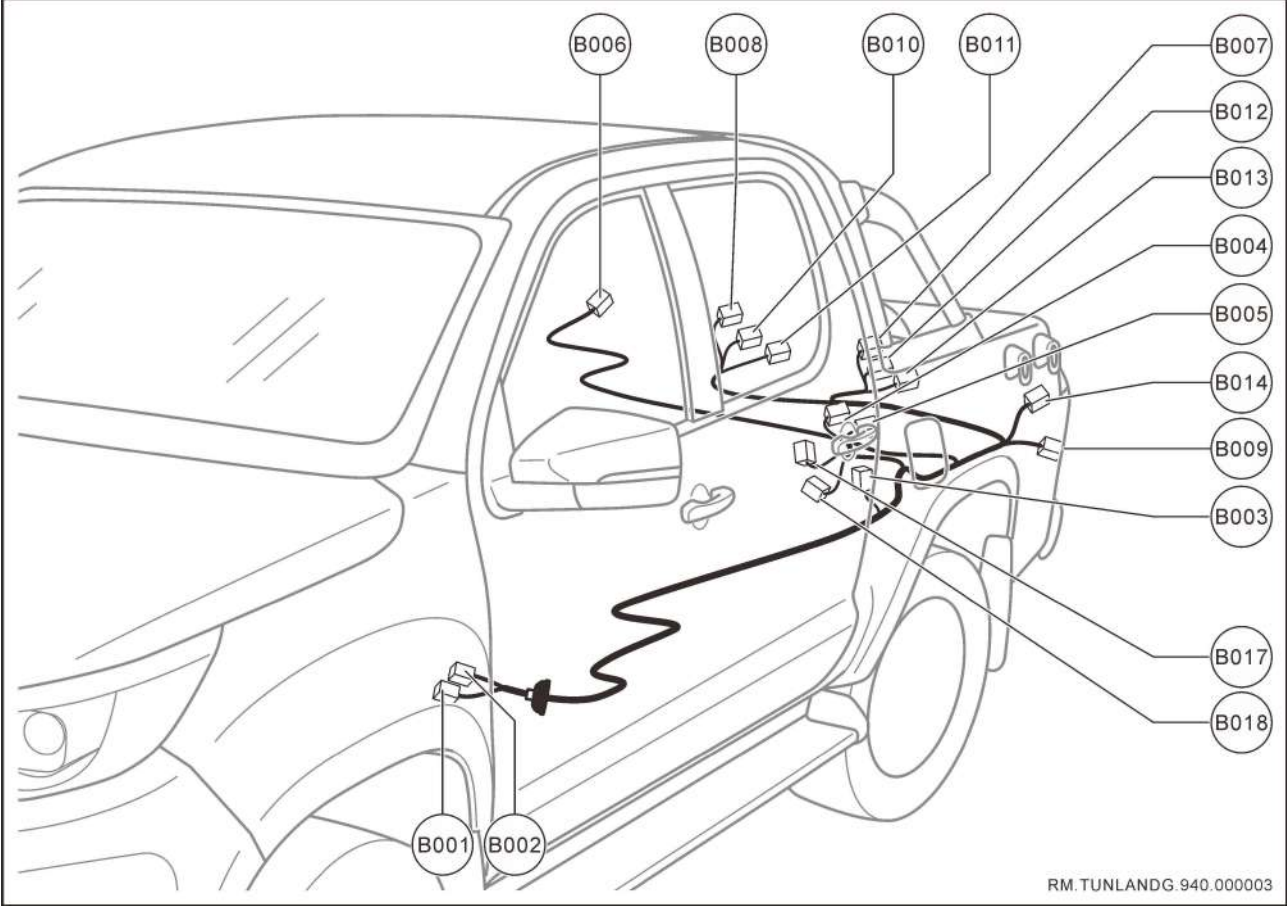
AEngine compartment wiring harness–Plugins between harnesses**FL**

A001	into Front bumper harness	A024	into Instrument wiring harness 7
A025	into Instrument harness 8	A027	into Instrument harness 6
A030	into Instrument harness 5	A031	into Instrument harness 1
A032	into Instrument wiring harness 4	A034	into Instrument wiring harness 3
A036	into Instrument harness 2	A038	into Engine wiring harness

AEngine compartment wiring harness–Earthing point

G101A	Right side of the forward cabin	G101B	Right side of the forward cabin
G102	Right side of the forward cabin	G103	Left side of the forward cabin
G104	Left side of the forward cabin	G105	Left side of the forward cabin
G106A	Left side of the forward cabin	G106B	Left side of the forward cabin

Frame harness



BFrame harness–Electrical components into plugins

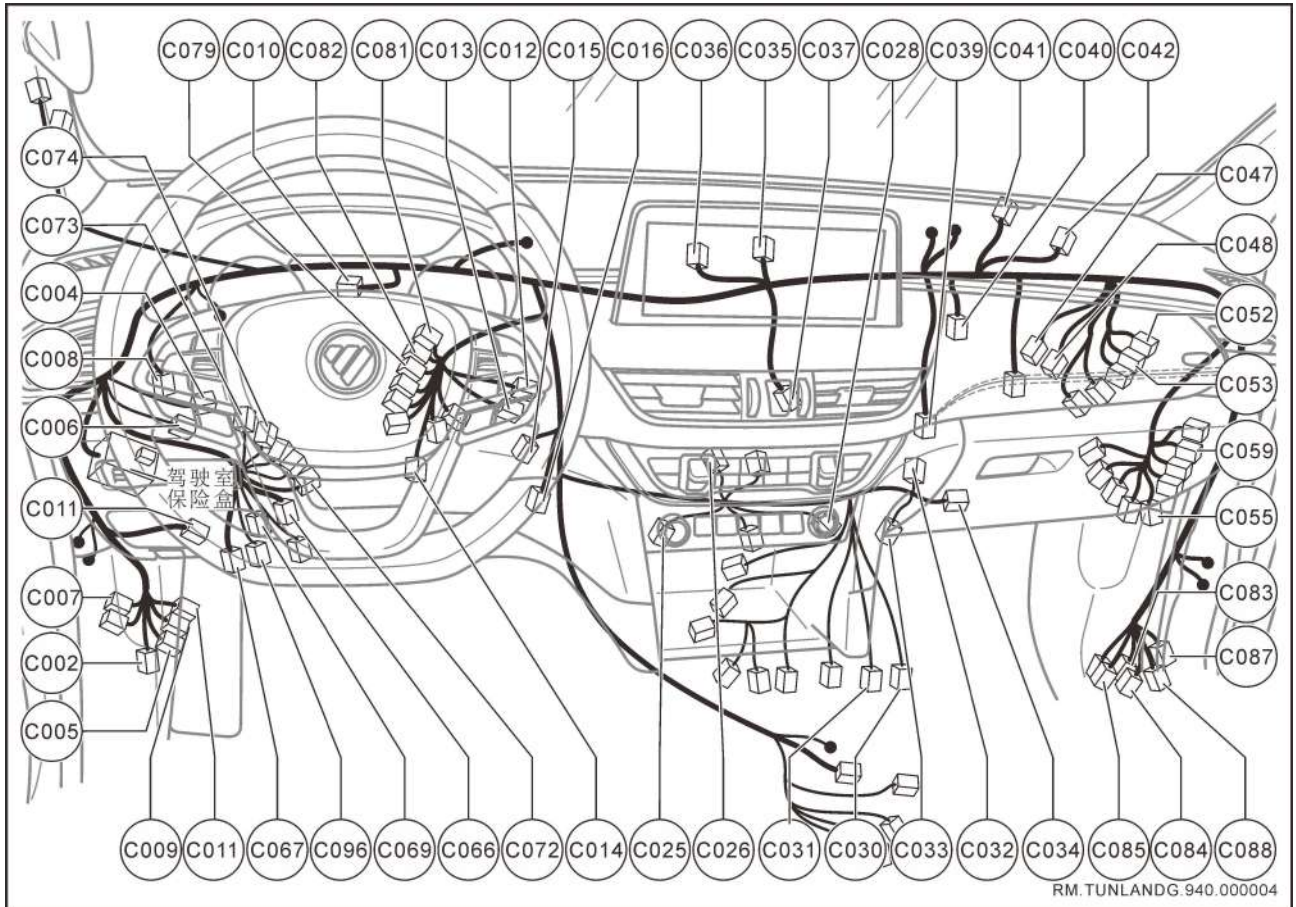
B003	Fuel sensor	B004	Right rear wheel speed sensor
B005	Left rear wheel speed sensor	B006	Right rear combination light
B007	Left rear BSD	B008	Right rear BSD
B010	Right rear reversing radar probe	B011	Right license plate light
B012	Left rear reversing radar probe	B013	Left license plate light
B014	Left rear combination light	B017	Left rear EPB actuators
B018	Right rear EPB actuators		

BFrame harness–Plugins between harnesses

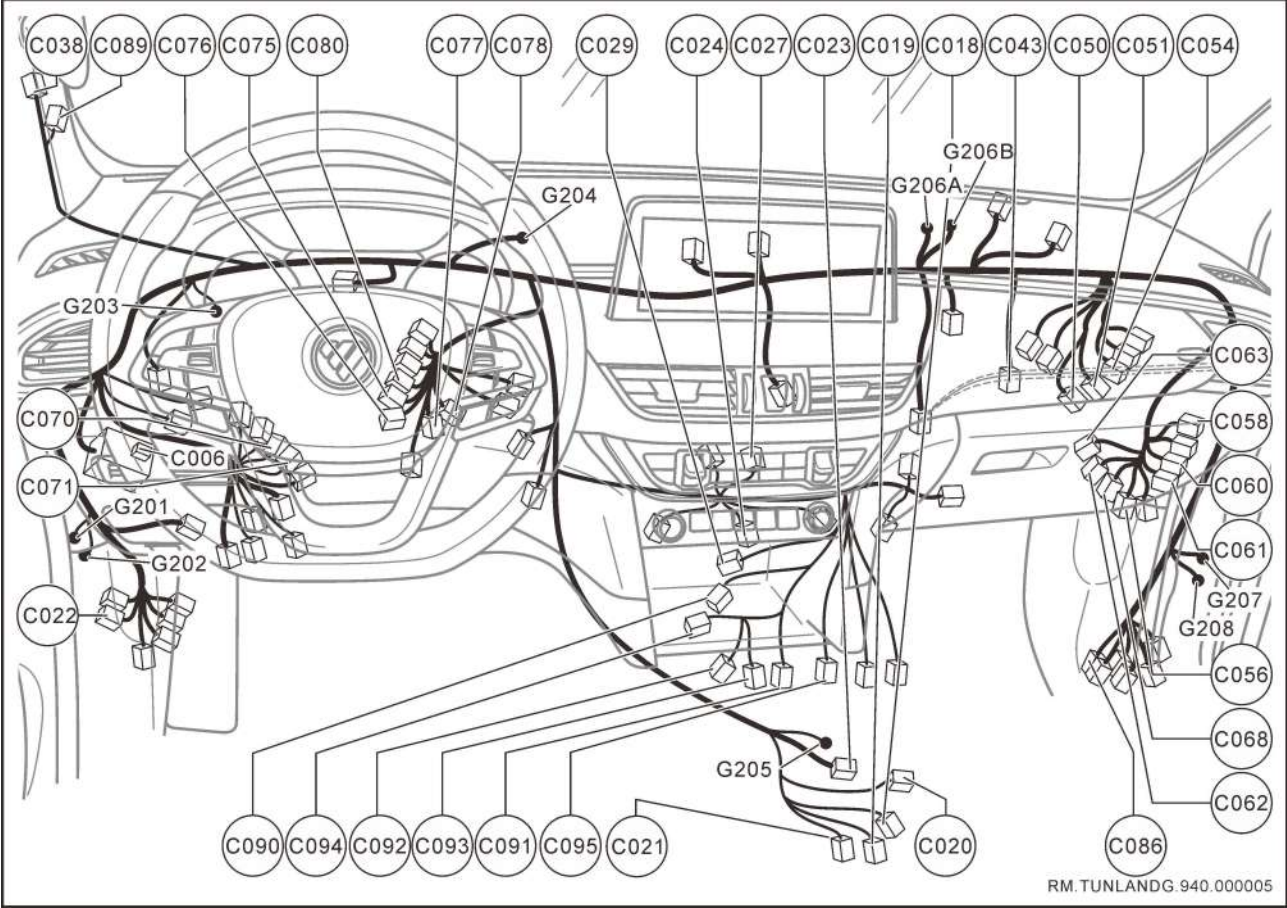
B001	Earthing board harness1	B002	Earthing board harness2
B009	into Back door Harness assembly	B018	Earthing board harness3

Front meter harness

Front meter harness1



Front meter harness2



CFront meter harness-Electrical components into plugins

C004	gateway	C008	Left switch assembly
C010	Instrument clusters	C012	Mode servo motor
C013	PM2.5sensor	C014	Electronic throttle
C015	One-key start switch	C016	Indoor temperature sensor
C018	Armrest case USB charging into port	C019	Armrest case data transfer USB
C020	Middle low-frequency antenna	C021	Armrest box USB data into port
C023	Electronic airbag control unit	C024	Key switches
C025	Volume knob switch	C026	Air conditioning controller 1
C027	Air conditioning controller 2	C028	Cigarette lighter
C029	Central mood lights	C030	Middle combination switch
C031	4WD switch	C032	TEMP servo motor
C033	Former blower speed regulation resistor (manual)	C034	blower

C035	Razinto mouth
C037	Hazard warning light switch
C040	Electrically operated time-sharing four-wheel drive
C042	Co-pilot airbag
C044	Termination resistance
C046	T-BOX
C048	BCM-B
C051	BCM-C
C053	BCM-F
C055	Host USB into port
C057	USB communication
C059	Headunit
C061	CD(A)
C063	ECU
C067	Diagnostic interface one one
C069	Ambient light on the left
C071	Corner sensor
C073	Combination switch
C090	Electronic shifter
C092	The middle right ambient light band
C094	EPB switch
C096	Termination resistance

C036	Display ground
C039	Thermistor
C041	Sunlight ambient light sensor
C043	Circulating servo motor
C045	T-BOX (4G) communication into port
C047	BCM-A
C050	BCM-D
C052	BCM-E
C054	BCM-G
C056	Razinto mouth
C058	Console volume adjustment
C060	CD(B)
C062	Right ambient light
C066	Brake light switch
C068	Diagnostic interface one two
C070	Clock spring (gas generation)
C072	Clock spring
C074	Electronic steering column lock
C091	Transmission harness assembly
C093	Central Ambientret Tern Terry Belt
C095	Gear mode switch

CFront meter harness-Plugins between harnesses

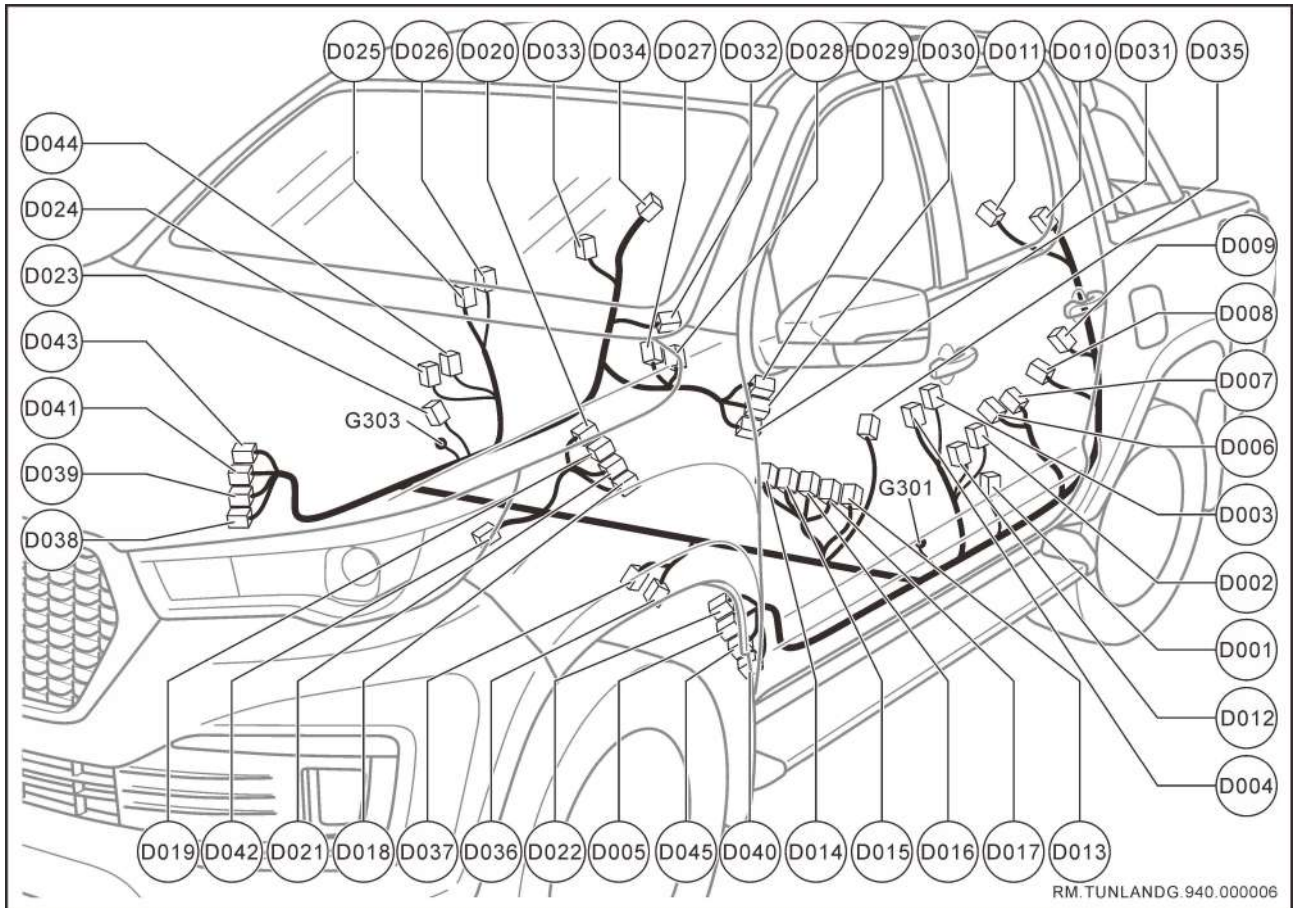
C002	Earthing board harness2
C006	into IPJB
C009	Earthing board harness3
C022	into Left front door harness2
C075	into Engine compartment wiring harness1
C077	into Engine compartment wiring harness3
C079	Pick up the cabin wiring harness 4
C081	into Engine compartment wiring harness6
C083	Earthing board harness4
C085	Earthing board harness6
C087	into Right front door harness 1
C089	Into rhetoric Hanis Asembly II

C005	Earthing board harness1
C007	into Left front door harness1
C011	Earthing board harness8
C038	into Ceiling Harness assembly
C076	into Engine compartment wiring harness2
C078	into Engine compartment wiring harness8
C080	into Engine compartment wiring harness5
C082	into Engine compartment wiring harness7
C084	Earthing board harness5
C086	Earthing board harness7
C088	into Right front door harness2

CFront meter harness-Earthing point

G201	The inside of the lower shield of the left A-pillar
G203	Instrument beam to the left
G205	Underside of the secondary dashboard
G206B	Instrument beam in the middle
G208	The inside of the lower shield of the right A-pillar

G202	The inside of the lower shield of the left A-pillar
G204	Right side of the gauge beam
G206A	Instrument beam in the middle
G207	Instrument beam in the middle

Floor harnesses

DFloor harnesses–Electrical components into plugins

D001	Left rear collision sensor
D003	Left front door door light switch
D006	Rear left seat belt alarm
D008	The left seat belt in the second row is pretensioned
D010	RFR key fob into receiver
D013	360 surround view controller
D015	Main driver side airbag assembly
D017	Driving Seat heating
D019	Co-driver seat belt alarm switch
D021	Co-pilot Seat heating
D024	The passenger seat belt is pre-tensioned
D026	Right low-frequency antenna
D028	Rear right seat belt alarm
D030	Rear low-frequency antenna
D032	The right seat belt in the second row is pretensioned
D034	Right rear defrost-

D002	The main driver's seat belt is pre-tensioned
D004	Low frequency antenna on the left
D007	The rear left occupant monitors the sensor
D009	Left rear door light switch
D011	Left rear defrost+
D014	Main driver seat belt alarm switch
D016	Power seats for the main driver
D018	The co-pilot monitors the sensor(SBR)
D020	Co-pilot side airbag assembly
D023	Right rear collision sensor
D025	Right front door door light switch
D027	The rear right occupant monitors the sensor
D029	Rear middle seat belt alarm
D031	Members in the middle of the back row monitor the sensor
D033	Right rear door light switch
D035	DCU

DFloor harnesses–Plugins between harnesses

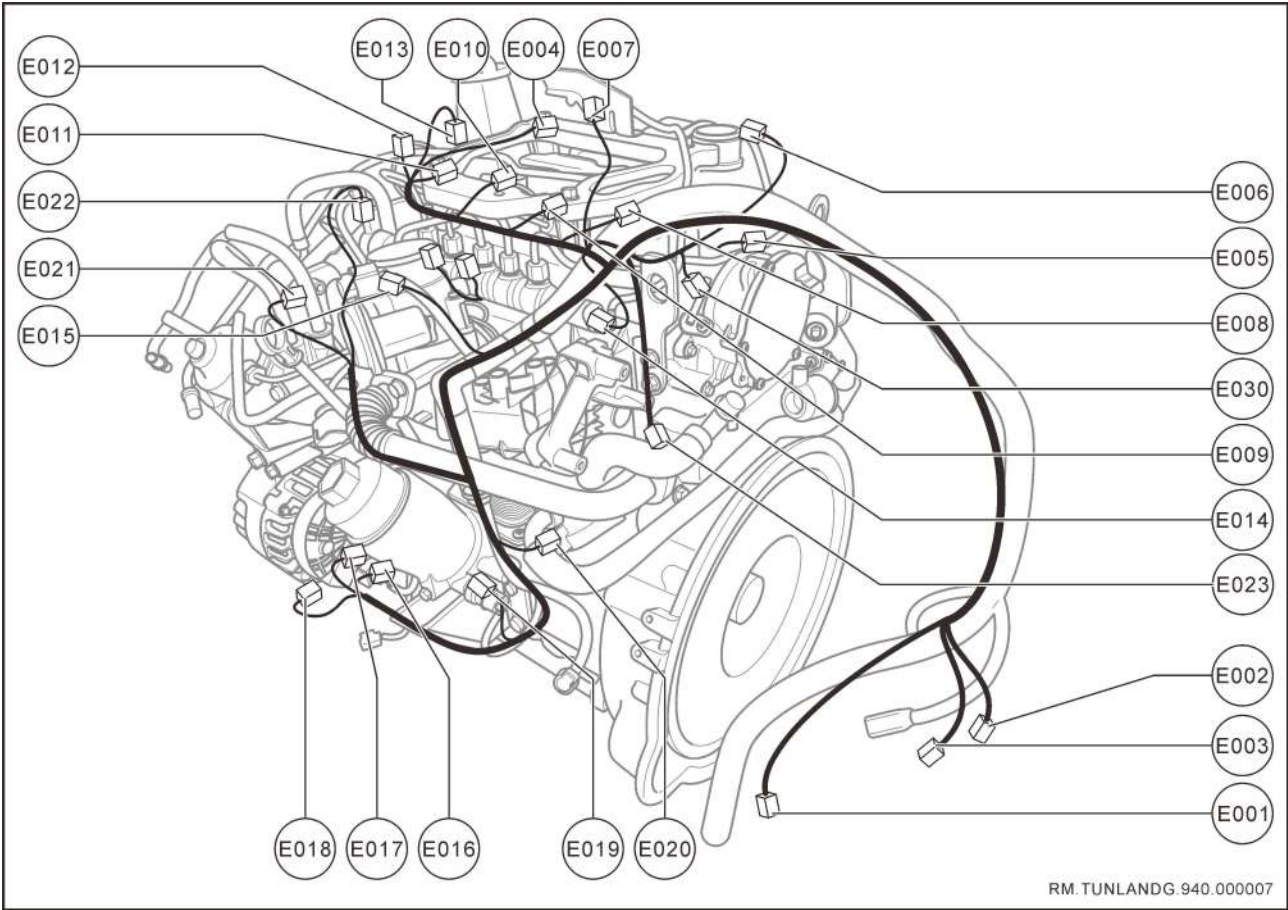
D005	into Instrument harness 2
D022	into Instrument harness 1
D036	into Frame harness2
D038	into Instrument harness 6
D040	into Instrument harness 8
D042	into Post-processing harnesses
D044	into Right rear door harness

D012	into Left rear door harness
D035	into Frame harness 3
D037	into Frame harness 1
D039	into Instrument wiring harness 7
D041	into Instrument harness 5
D043	into Instrument wiring harness 4
D045	into Instrument wiring harness 3

DFloor harnesses–Earthing point

G301	On the floor under the main driver's seat	G303	On the floor under the passenger seat
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Engine wiring harness



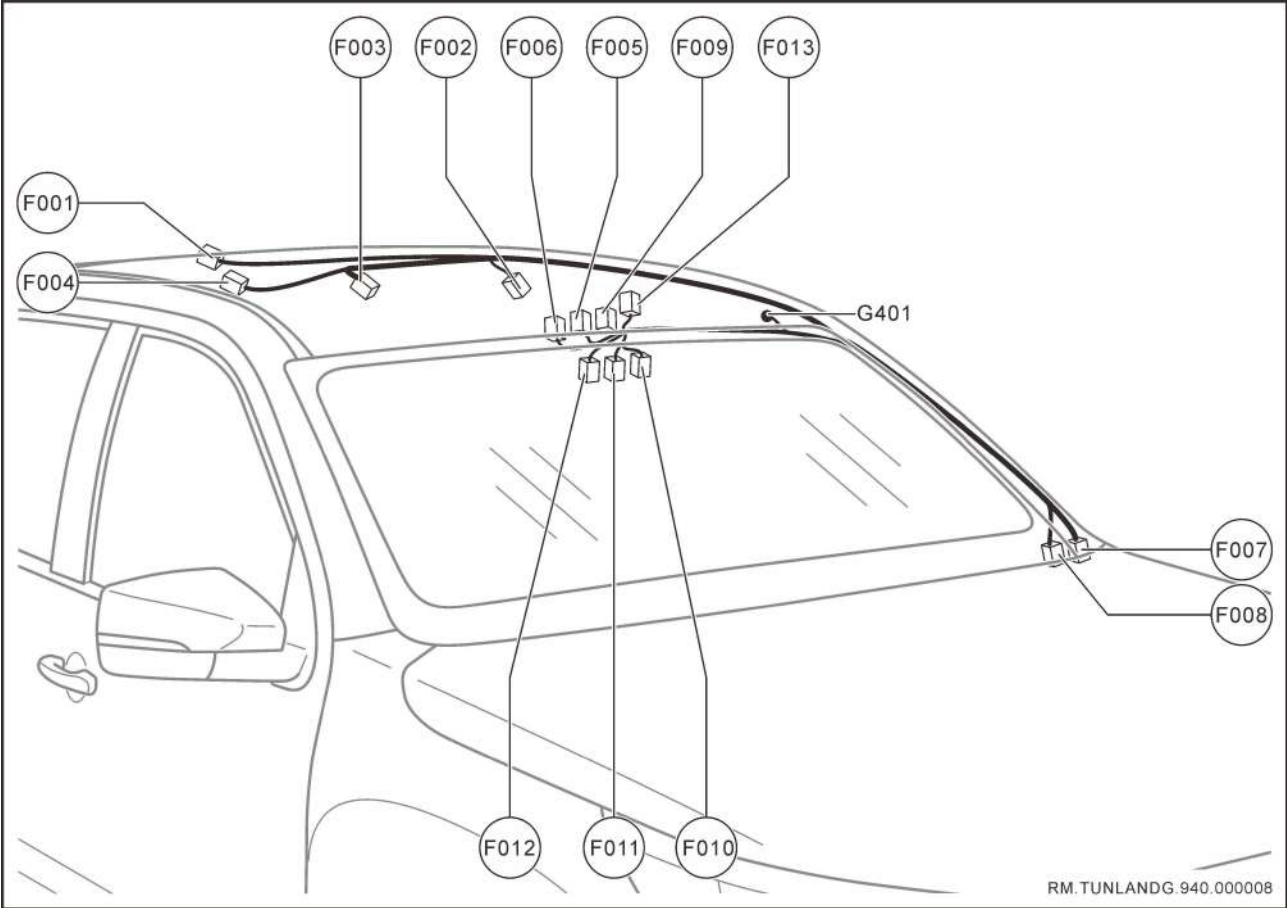
Engine wiring harness-Electrical components into plugins

E001	ECU A	E002	Crankshaft position sensor
E004	Oxygen sensor	E005	HP-EGR valve
E006	VGT valve	E007	DPF Differential Pressure sensor
E008	Injector 4	E009	Injector 3
E010	Injector 2	E011	Injector 1
E012	Temperature after intercooling sensor	E013	Camshaft position sensor
E014	Common rail pressure sensor	E015	into Electronic throttle
E016	Oil pump solenoid valve	E017	Motor
E018	Air conditioning compressor	E019	Start excitation
E020	Coolant temperature	E021	High pressure oil pump control valve
E022	PVC valve	E030	VSV

EEngine wiring harness-Plugins between harnesses

E003	Full vehicle interface	E023	Warm-up interface 1
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Ceiling harness



FCeiling harness-Electrical components into plugins

F001	High brake light assembly	F002	Left air curtain assembly
F003	Rear overhead light assembly	F004	Right air curtain
F005	Front interior overhead light assembly	F006	Microphone
F009	SOS switch	F010	AEB/LDW camera
F011	Top USB port	F012	Sunlight and rainfall sensor
F013	Sunroof Motor		

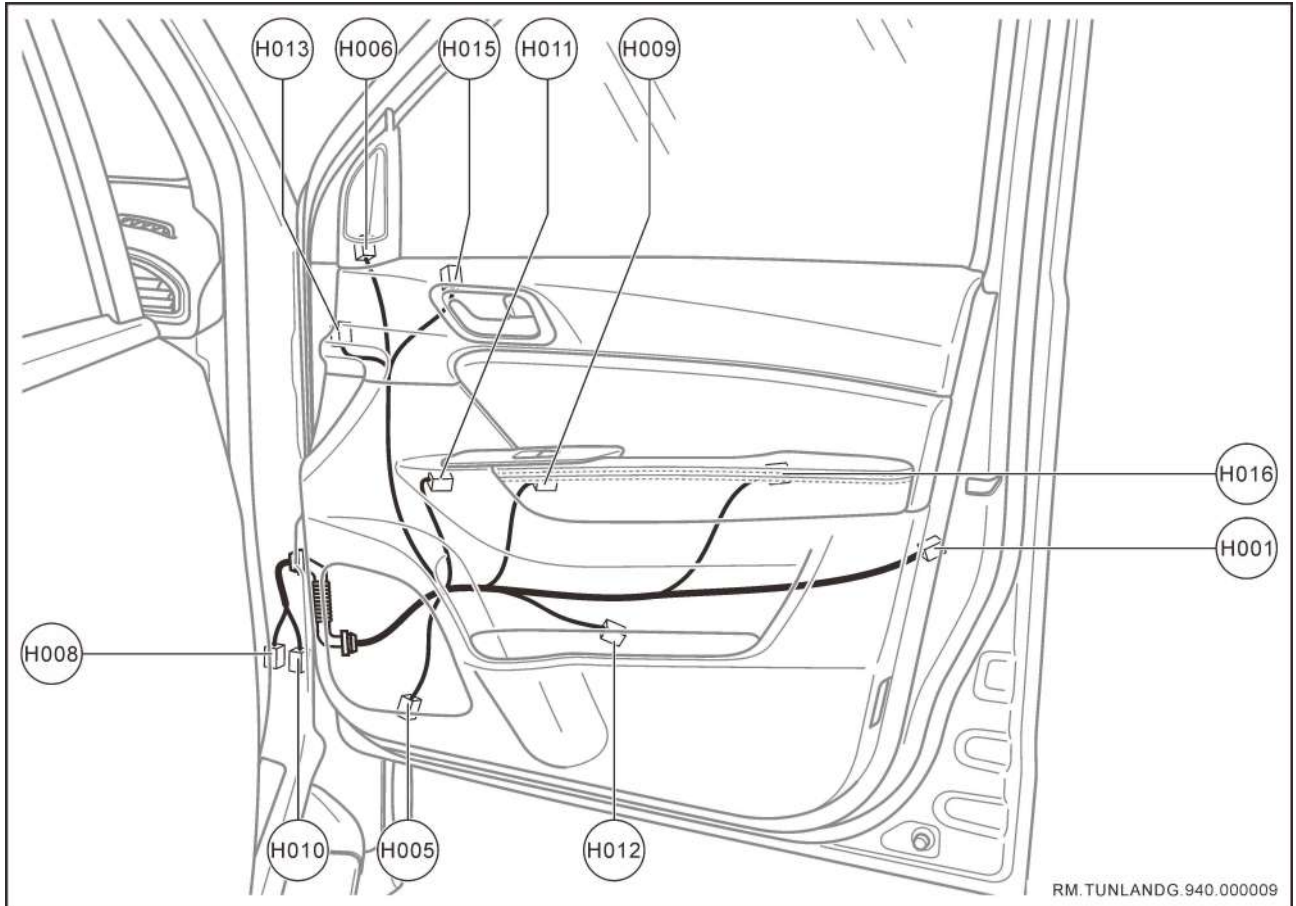
FCeiling harness-Plugins between harnesses

F007	Connect instrument harness one	F008	Connect the instrument harness two
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FCeiling harness-Earthing point

G401	Above the left A-pillar
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Right front door harness



Right front door harness-Electrical components into plugins

H001	Right front door door lock assembly
H006	The right treble loudspeaker
H011	Right front glass lift Motor
H013	Power mirrors on the right
H016	Right front door microswitch

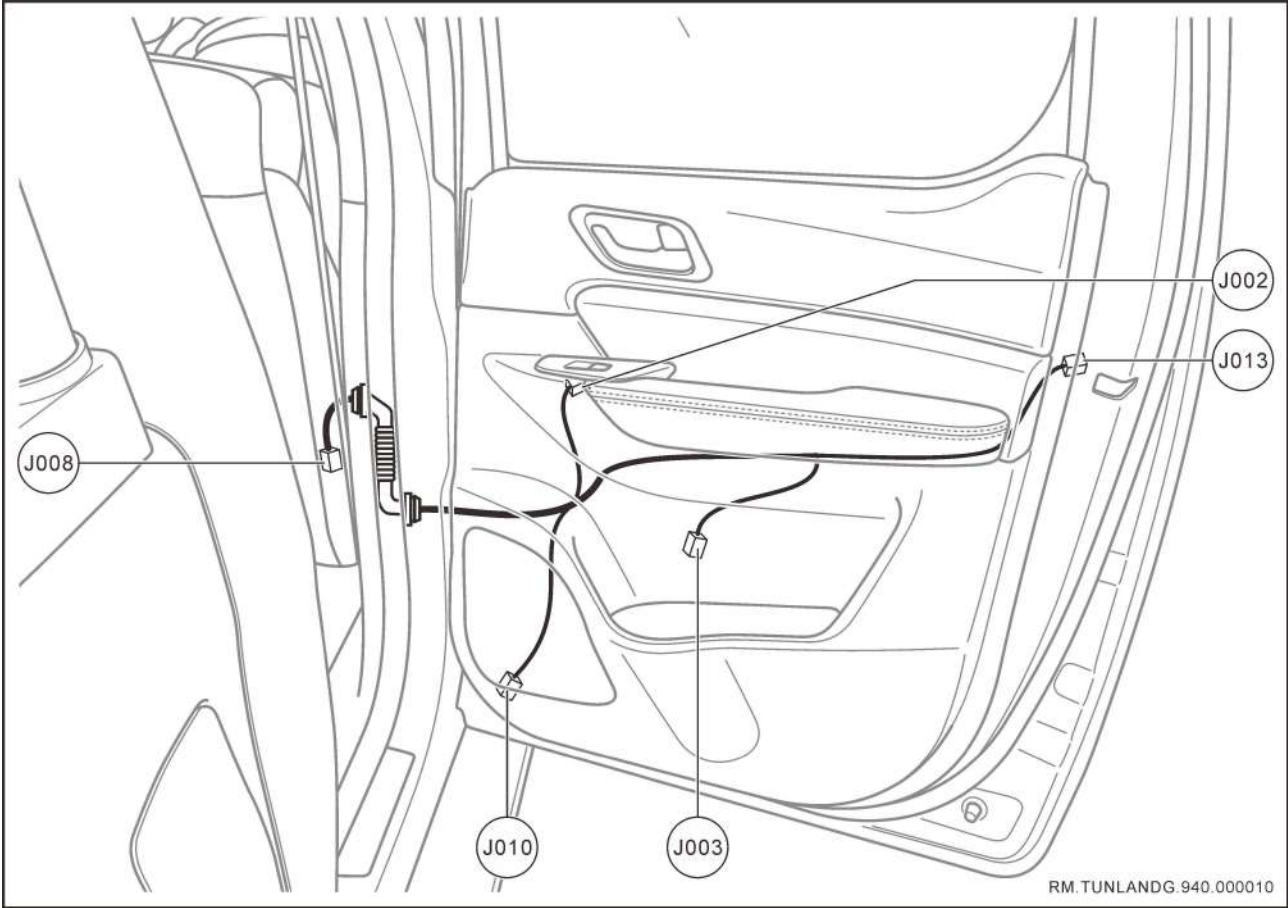
H005	Right front door speaker
H009	Right front glass lift switch
H012	Right ambient light
H015	Right camera

Right front door harness-Plugins between harnesses

H008	Connect the instrument harness two
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H010	Connect instrument harness one
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Right rear door harness

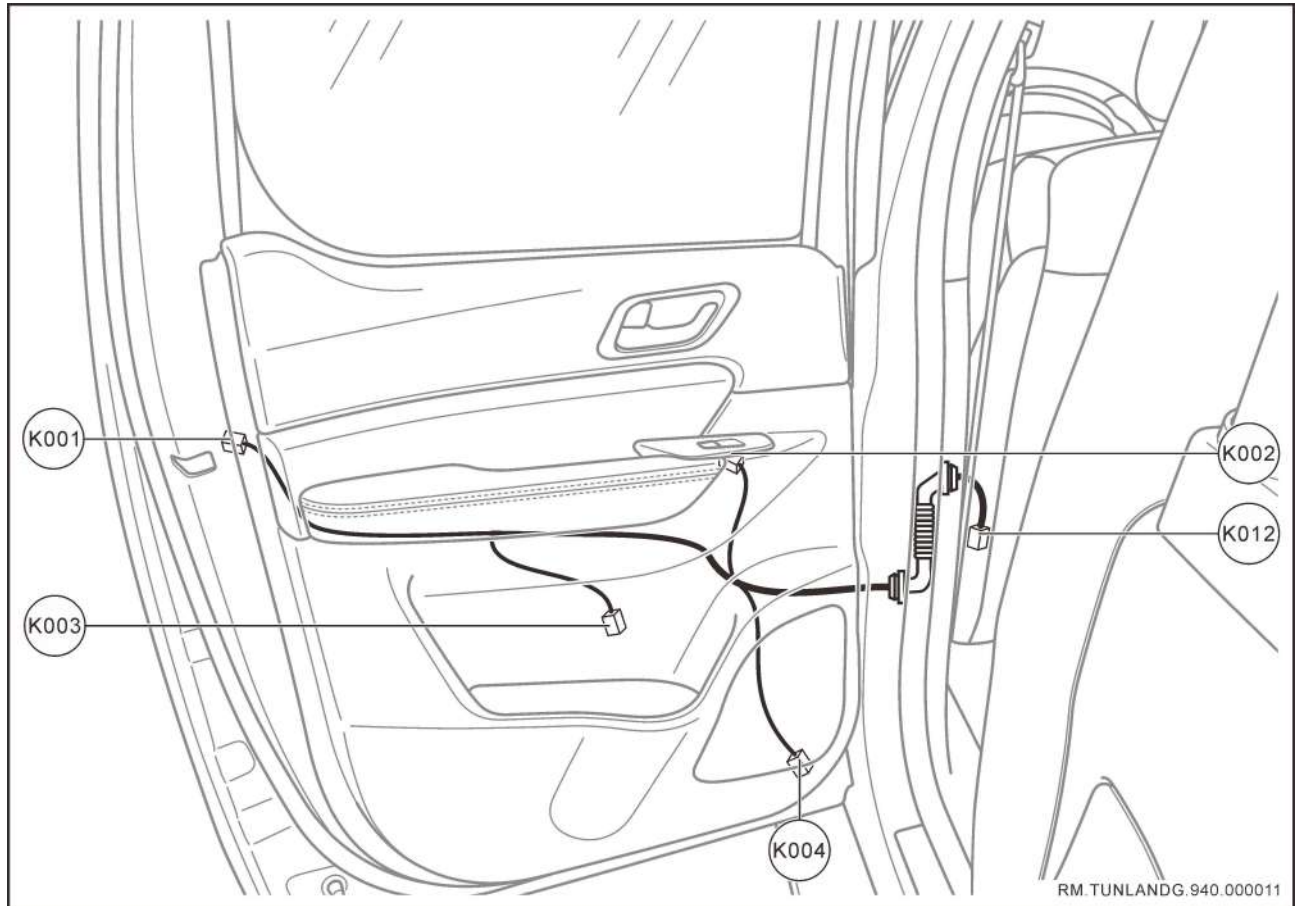


JRight rear door harness–Electrical components into plugins

J002	Rear rear door lift switch	J003	Right rear door glass lift Motor
J010	Right rear door speaker	J013	Right rear door lock assembly

JRight rear door harness–Plugins between harnesses

J008	Earthing board harness
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Left rear door harness**FL****KLeft rear door harness-Electrical components into plugins**

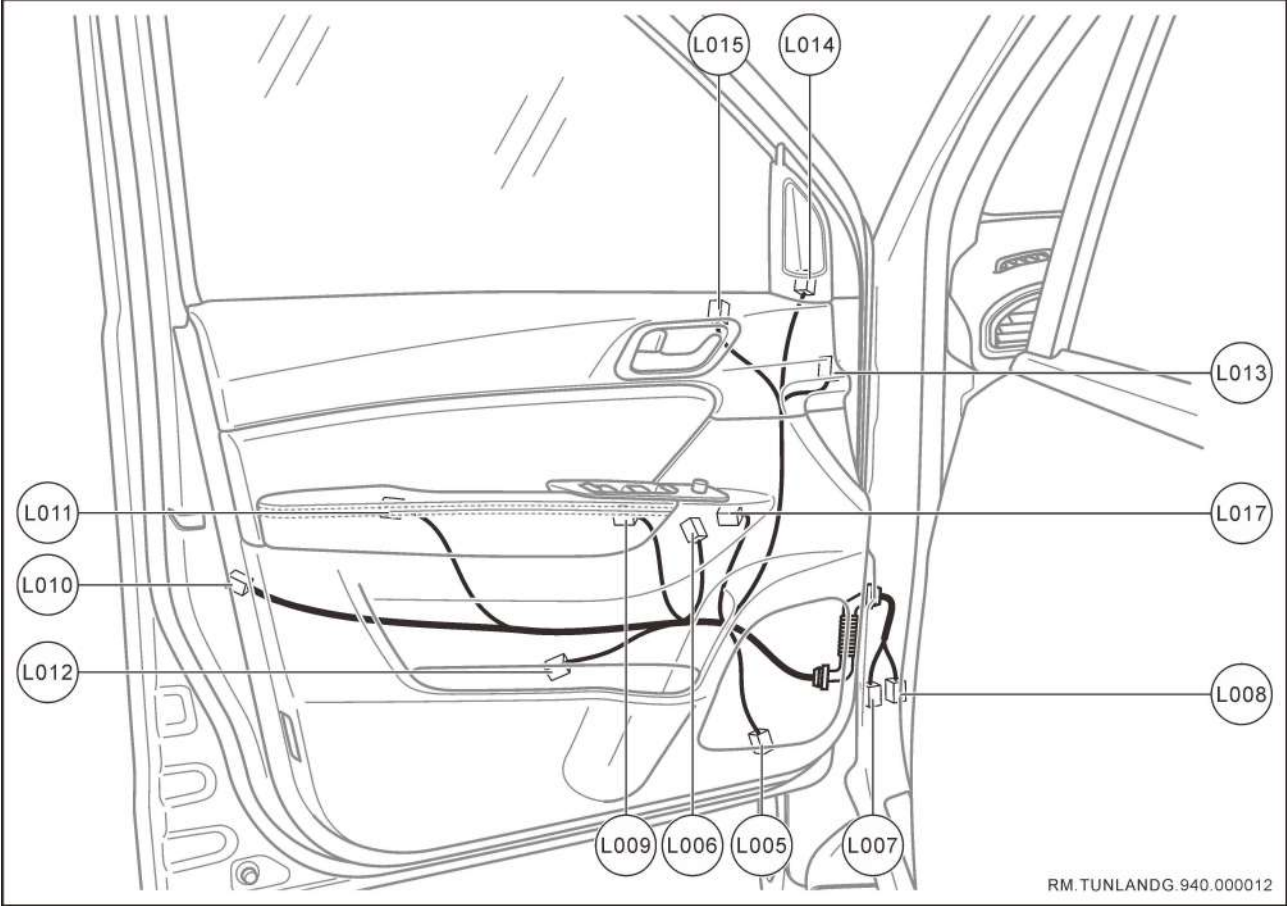
K001	Left rear door lock assembly
K003	Left rear door glass lift Motor

K002	Glass lift switch
K004	Left rear door speaker

KLeft rear door harness-Plugins between harnesses

K012	Earthing board harness
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Left front door harness



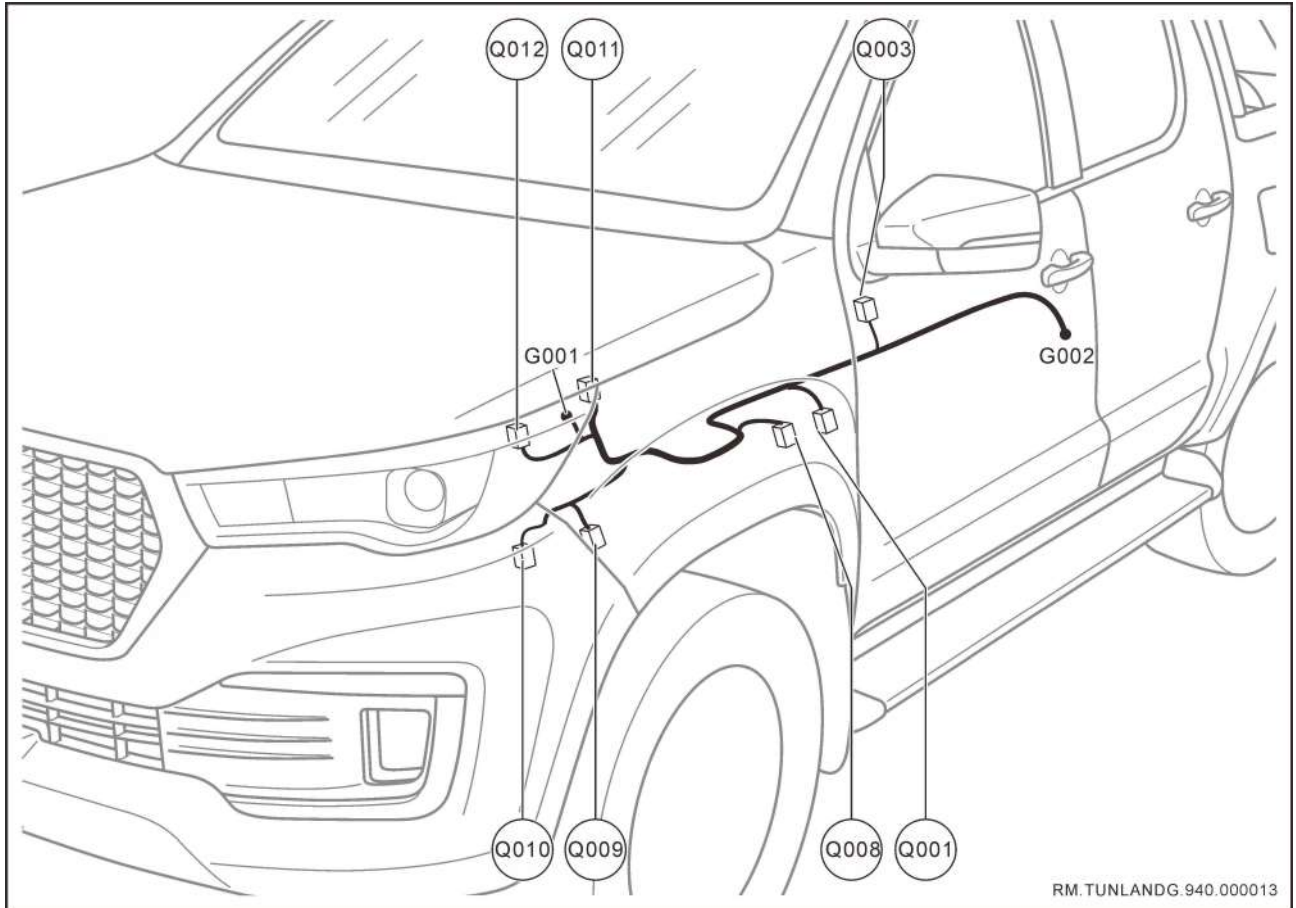
Left front door harness-Electrical components into plugins

L005	Left front door loudspeaker	L006	Mirror switch assembly
L009	Left front door control switch assembly	L010	Left front door door lock assembly
L011	Left front door microswitch	L012	Left front mood light
L013	Power mirrors	L014	Loudspeaker
L015	Left camera	L017	Left front door glass lift Motor

Left front door harness-Plugins between harnesses

L007	into Instrument harness 1	L008	into Instrument harness 2
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Battery harness



FL

QBattery harness-Electrical components into plugins

Q001	starter
Q008	MotorB+
Q010	Connect the battery positive fuse box

Q003	Oil pressure switch
Q009	Connect the battery positive fuse box(Generator charging)
Q012	Battery negative terminal

QBattery harness-Plugins between harnesses

Q011	Pick up the cabin wiring harness
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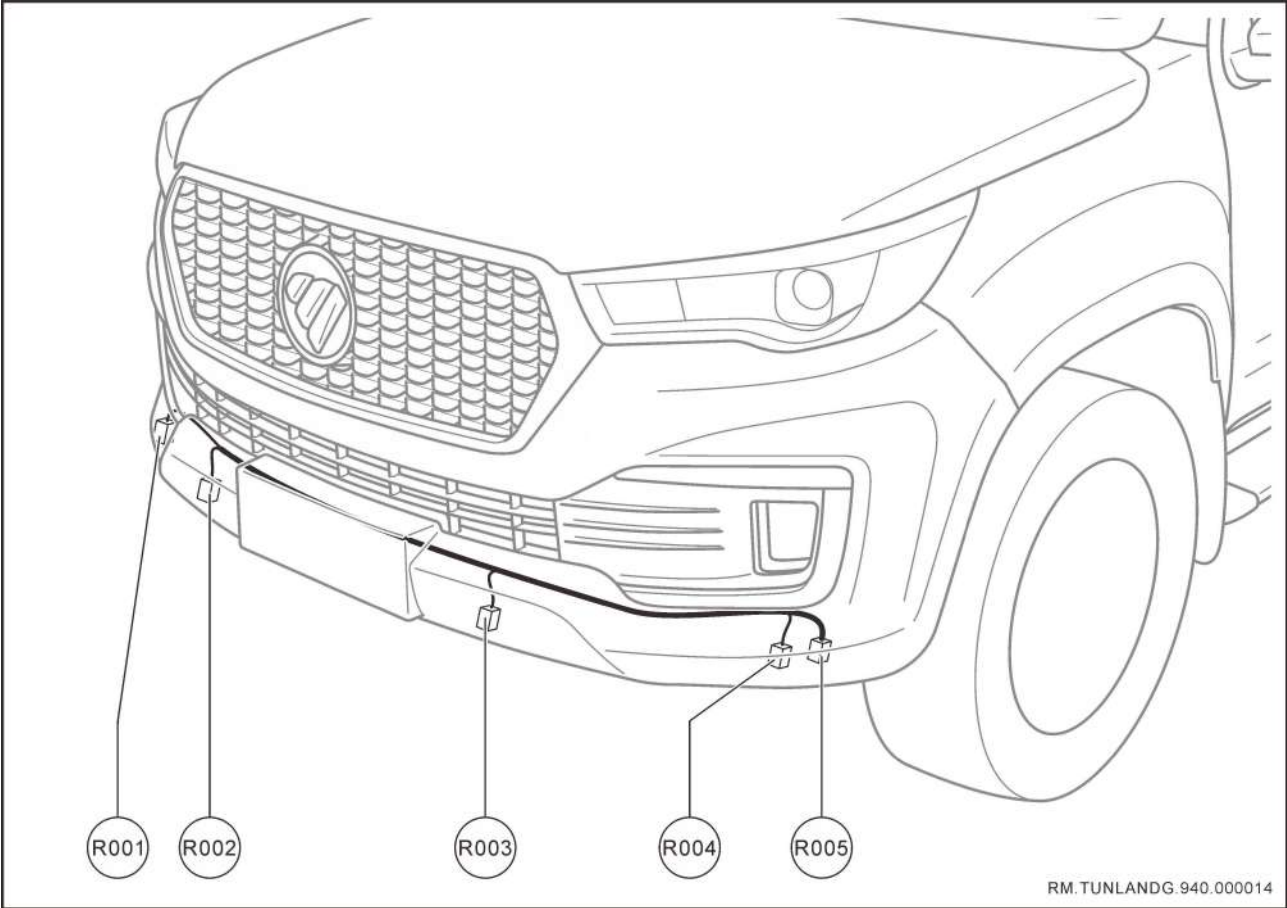
QBattery harness-Earthing point

G001	Inside the front cabin electrical box
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G002	Inside the front cabin electrical box
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Front bumper harness

FL



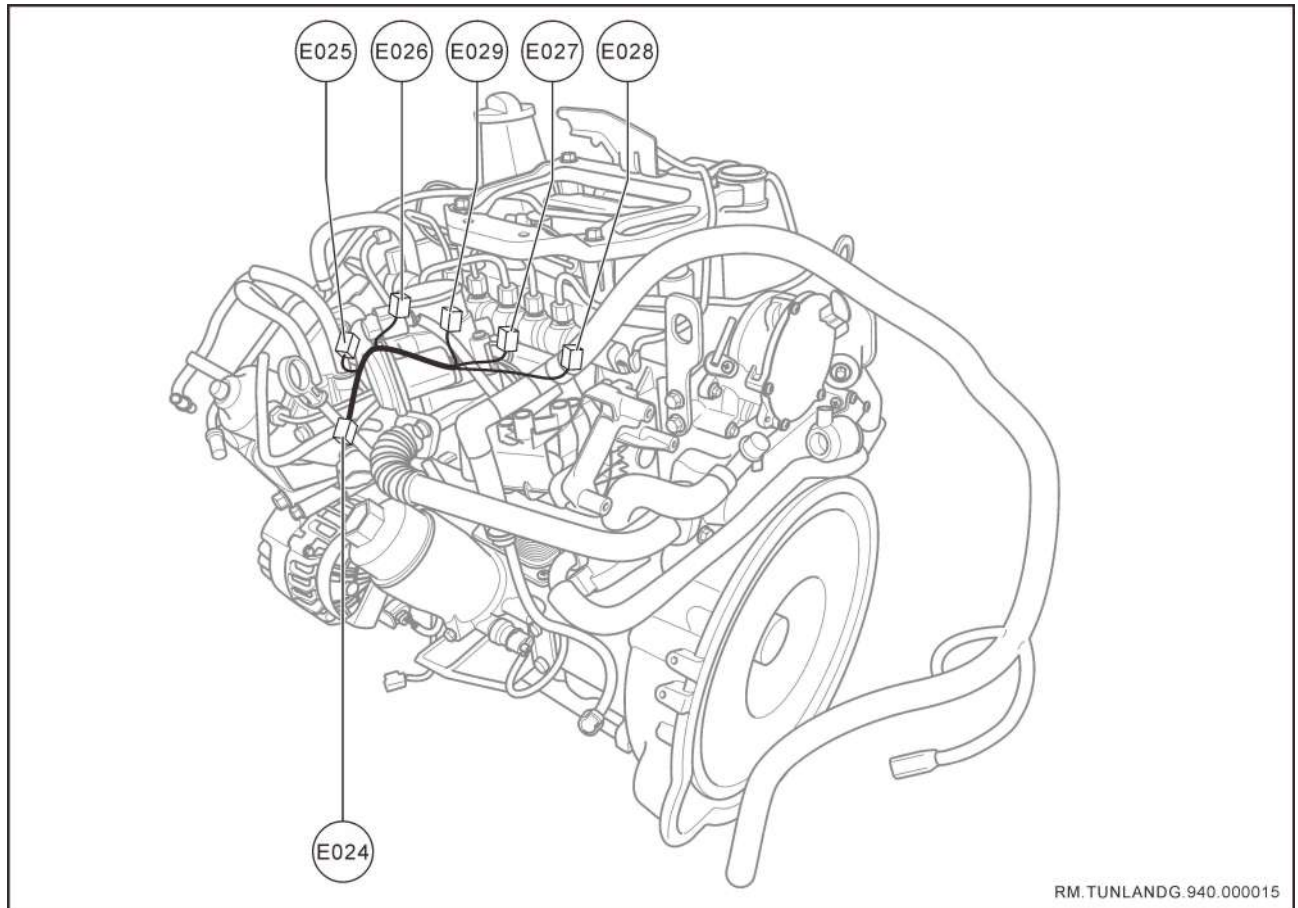
RFront bumper harness-Electrical components into plugins

R001	Right front reversing radar probe	R002	Right center reversing radar probe
R003	Left center reversing radar probe	R004	Left front reversing radar probe

RFront bumper harness-Plugins between harnesses

R005	Connect the engine compartment wiring harness assembly
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Pre-wired bundles



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EPre-wired bundles-Electrical components into plugins

E025	Intake air temperature pressure sensor
E027	Glow plugs 3
E029	Glow plugs 2

E026	Glow plugs 1
E028	Glow plugs 4

EPre-wired bundles-Plugins between harnesses

E024	Warm-up interface 2
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FL



SPost-processing harnesses-Electrical components into plugins

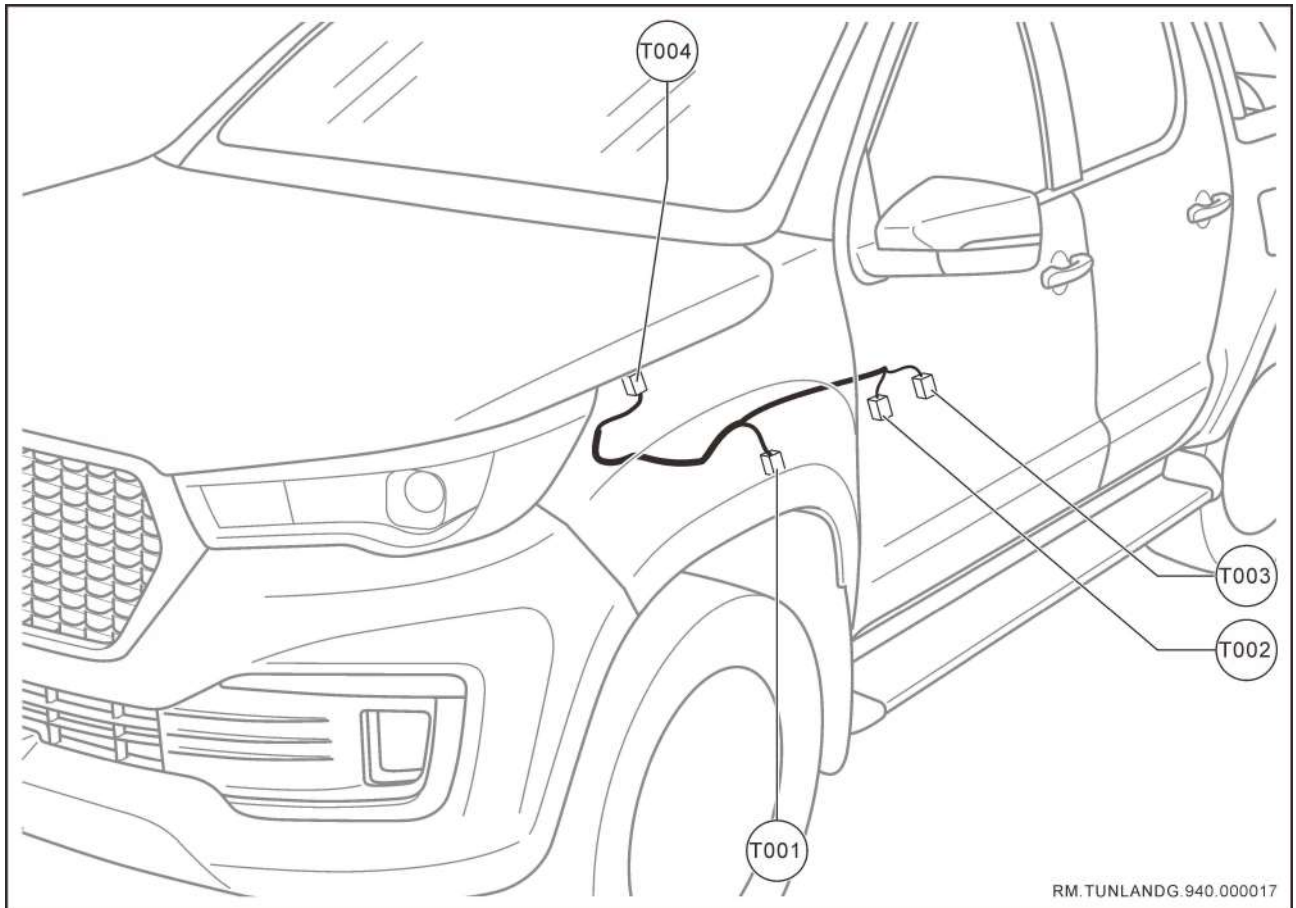
S002	Exhaust back pressure valve
S004	PMsensor
S006	Urea tube heating
S008	SCR Export Temperature sensor

S003	Urea pump plugins one
S005	Urea pump plugins II
S007	Post-nitrogen Oxygen sensor

SPost-processing harnesses-Plugins between harnesses

S001	Earthing board Harness assembly
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Automatic transmission wiring harness



Automatic transmission wiring harness—Electrical components into plugins

T001	TCU
T003	Transfer unit

T002	Electromagnetic clutch coil
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Automatic transmission wiring harness—Plugins between harnesses

T004	Earthing board harness
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