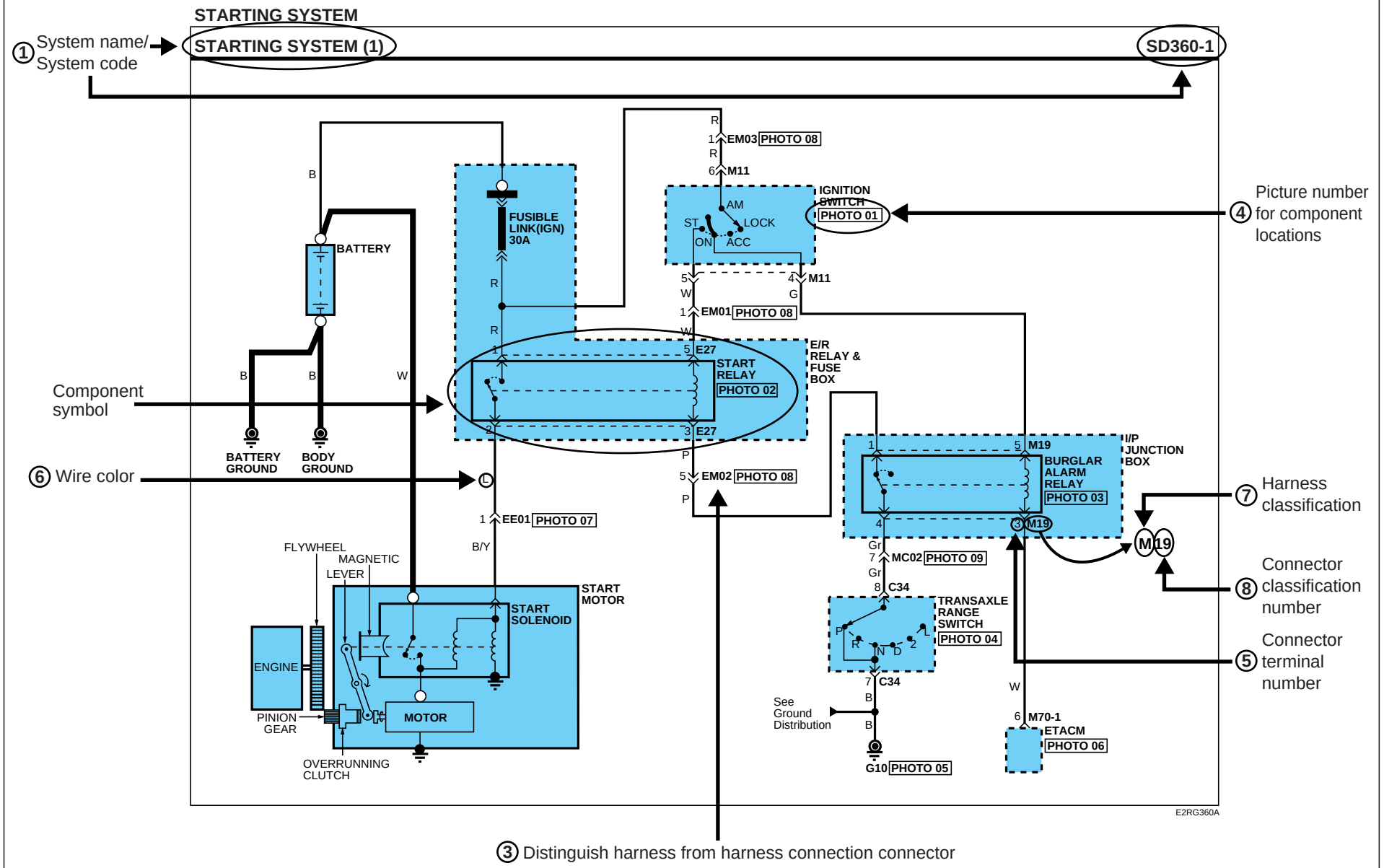
INTRODUCTION (1)

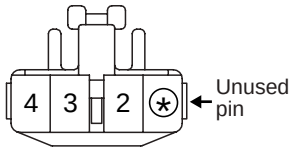
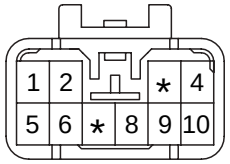
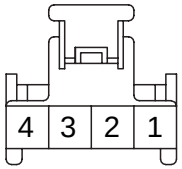
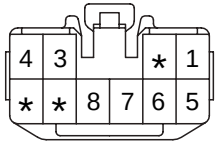
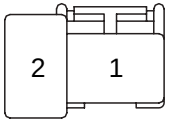
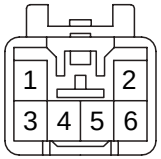


INTRODUCTION (2)

② Connector configurations (components)

STARTING SYSTEM

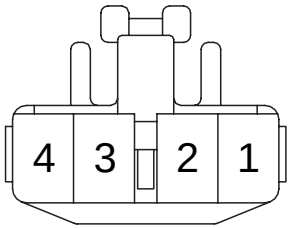
STARTING SYSTEM (2) — **SD360-2**

M05	M06	M11	M13
 KET_090II_04F_W	 KET_090II_10M_W	 KUM_AR_04F_W	 KET_090II_10F_W
M67	**M81**		
 AMP_PLM2_02F_B	 KET_090II_06M_W	**BLANK**	**BLANK**

E2RG360B

Explanation of connector code

M05



KET_090II_04F_W

a b c d e

a : Connector manufacturer

b : Terminal series number

c : The number of connector terminals

d : Connector distinguishing → Female Pin : F / → Male Pin : M

e : Connector color abbreviations
- B (Black)
- Br (Brown)
- G (Green)
- Gr (Gray)
- L (Blue)
- R (Red)
- W (White)
- Y (Yellow)

INTRODUCTION (3)

① Pages by system/ Name of Schematic diagram

- Each page is consisted of circuits by system. This schematic diagram includes the path of electricity flow, connection condition for each switch, and the function of other relevant circuits at once. It is applicable to real service work.
- It is very important to understand relevant circuits exactly before troubleshooting diagnosis.
- Circuits by system depends upon part number and are indicated on schematic diagram index.

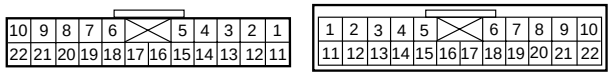
② Connector configuration (components)

- The connector figure of components in the schematic diagram by system is indicated on the last page of schematic diagram.
- It shows the front of the connector on the harness side when not to the harness connector. The terminal number on each connector can be obtained by following the pattern used in ⑤ connector view and numbering order. Unused terminals are marked with an asterisk (*).

③ Connector configurations (connection between harnesses)

- When connecting the harness with connector between harnesses, it shows female and male connectors and indicates them on the connector configurations group.

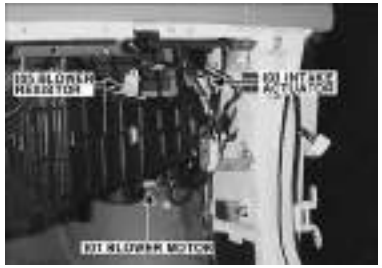
EM02



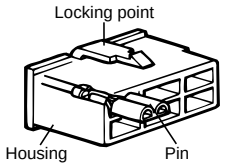
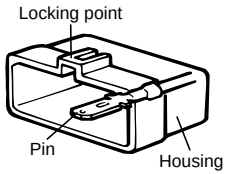
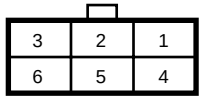
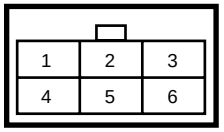
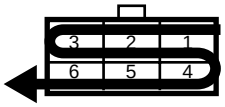
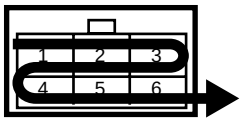
④ Component locations

- To find the components easily, a component locations diagram is indicated with "PHOTO NO" on the lower portion of the component name.
- To make it easy to distinguish connectors, the connector in the picture is indicated being installed in the vehicle.

PHOTO 03



⑤ CONNECTOR VIEW AND NUMBERING ORDER

Female	Male	Remarks
		It is not the shape of the connector housing, but the connector pin that distinguishes between male or female connectors. When numbering female and male connectors, refer to the numbering order in the following table. Some connectors may not follow this method of numbering order. For individual detailed numbering, refer to the CONNECTOR CONFIGURATIONS.
		
		Numbered in order from upper right to lower left Numbered in order from upper left to lower right

NOTE

UNLESS OTHERWISE STATED, ALL CONNECTOR VIEWS ARE FROM THE TERMINAL SIDE OF THE CONNECTOR.

⑥ WIRE COLOR ABBREVIATIONS

The following abbreviations are used to identify wire colors in the circuit schematics.

Symbol	Color of wire	Symbol	Color of wire
B	Black	O	Orange
Br	Brown	P	Pink
G	Green	R	Red
Gr	Gray	W	White
L	Blue	Y	Yellow
Lg	Light Green	Pp	Purple
T	Tan	LI	Light Blue

* Ⓨ/Ⓑ: Black stripe with yellow ground (2 colors)

the color of background — the color of stripe

⑦ HARNESS CLASSIFICATION

Electrical wiring connectors are classified according to the wiring parts in the Harness Layouts.

Symbol	Harness name	Location
E	Engine harness	Engine compartment
M	Main, Floor, Floor center, Roof harness	Passenger compartment, Floor, Roof
C	Chassis, Side marker, EXH M/V harness	Chassis compartment
A	Air con, A.B.S harness	Under crash pad and Floor
D	Door harness	Door

* It depends on vehicles, it is necessary to check the harness name symbol on the harness layouts for detailed symbol.

⑧ CONNECTOR IDENTIFICATION

A connector identification symbol consists of a wiring harness location classification symbol corresponding to a wiring harness location and number corresponding to the connector.
These connector locations can be found in the HARNESS LAYOUTS.

For example:

E 10 -1

- -1: Number corresponding to sub-connector (Serial Number)
- 10: Number corresponding to main connector (Serial Number)
- E: Symbol indicating wiring harness (Engine wiring harness)

NOTE

Connectors which connect each wiring harness are represented by the following symbols.

For example:

M R 01

- 01: Number corresponding to main connector (Serial Number)
- R: Rear wiring harness
- M: Main wiring harness

JUNCTION BLOCK IDENTIFICATION

A junction block identification symbol consists of a wiring harness location classification symbol corresponding to a wiring harness location and number corresponding to the connector in the junction block.

For example:

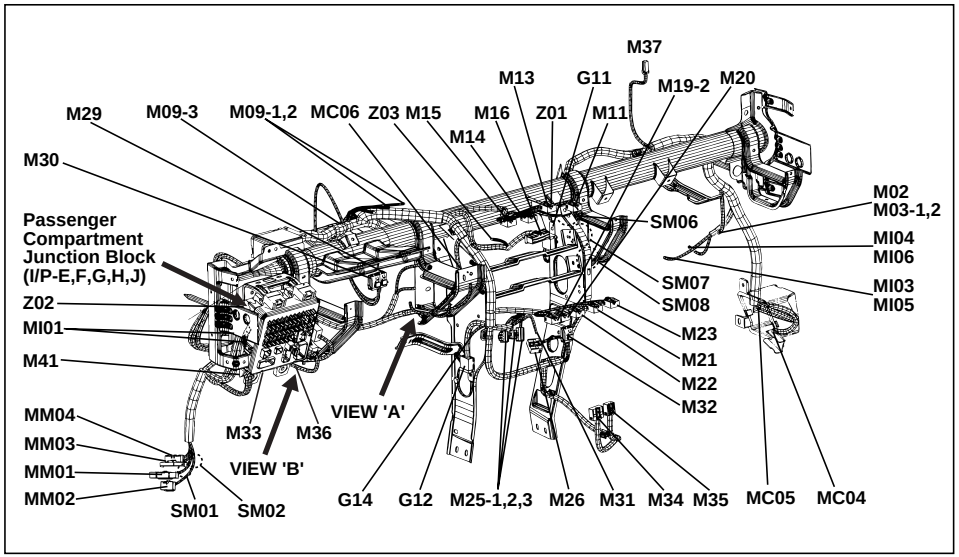
I/P- A

- A: Connector name
- I/P: Abbreviation of the word "Passenger compartment junction block"

INTRODUCTION (5)

HARNESS LAYOUTS

Harness layouts show the routing of the major wiring harnesses, the in-line connectors and the splices between the major harnesses. These layouts will make electrical troubleshooting easier.



SYMBOLS (1)

Section	Symbol	Meaning
COMPONENT		A solid line means the entire component is shown.
		A broken line indicates only part of the component is shown.
		This means the connector connects directly to the component.
		This indicates the connector connects to a lead (pigtail), wired directly to the component.
		This indicates a screw terminal on the component.
		This ground symbol (dot and 3 lines overlapping the component) means the housing of the component is attached to a metal part of the vehicle.
	STOP LAMP SWITCH PHOTO 03	The name of the component appears next to its upper right corner. Shows the number of pictures for component location.

Section	Symbol	Meaning
CONNECTOR	Male connector 10 M05-2 Female connector	Shows the name of each connector on the component location index for reference. Indicates the number of corresponding terminal. (Only relevant terminal on the corresponding schematic diagram).
	R Y/L 3 1 E35 R Y/L	The dashed-line means each of two wires connect with same connector(E35)
WIRE	B	A wavy line means the wire is broken but is to be continued.
	Y/R	Wire insulation is yellow with a red strip.
	From C52 A A To MC02	Current path is continued on the same page or another page.The arrow shows the direction of current flow. You should look for the "A" in the marked position.
	R Name of Circuit	A wire connects to another circuit. The wire is shown again on that circuit which the arrow is pointing.
	Automatic Transaxle G Manual Transaxle G G	Wire choices for options or different models are labeled and shown with a "choice" bracket like this.
SPLICES	L L	Splices are numbered and shown as a dot with circle. The exact location and connection of these splices may vary among vehicles.
GROUND	G06	This symbol means the end of the wire is attached to a metal part of the vehicle.

Section	Symbol	Meaning
SHIELD WIRE	G06	This represents RFI (Radio Frequency Interference) Shielding around a wire. The shielding is always connected to ground.
JOINT CONNECTOR		This is a connector showing the joining wires.
SLOW BLOW	HOT AT ALL TIMES E/R FUSE & RELAY BOX F/FOG FUSE 15A	Power supplied at all times. Name Capacity
FUSE	HOT IN ON DASH FUSE BOX FUSE 10 10A	This means power is supplied with the ignition on position. This means the short bar connects to other fuses. Identification Current rating
POWER CONNECTOR		Control battery power at all times

Section	Symbol	Meaning
LAMP		Double filament Single filament
DIODE		Diode Led diode Zener diode
TR	B C E NPN B C E PNP	NPN PNP
GENERAL COMPONENT SYMBOL		These switches move together: a dashed line shows a mechanical connection between them.
		Switch (1 contact point)
		Heater

SYMBOLS (2)

Section	Symbol	Meaning	Section	Symbol	Meaning
GENERAL COMPONENTS SYMBOL		Sensor	GENERAL COMPONENTS SYMBOL		Condenser
		Sender			Speaker
		Injector			Horn, Buzzer, Siren, Chime Bell
		Solenoid	RELAY		Normally open contact
		Motor			This is a relay shown with no current flowing through its coil. When a current flows through coil, contact will toggle.
					Diode interior relay
		Battery			Resistance interior relay

TROUBLESHOOTING INSTRUCTIONS

TROUBLESHOOTING PROCEDURES

The following five-step troubleshooting procedure is recommended.

1. Verify the customer's complaints

Turn on all the components in the problem circuit to check the accuracy of the customer's complaints. Note the symptoms.
Do not begin disassembly or testing until you have narrowed down the probable causes.

2. Read and analyze the schematic diagram

Locate the schematic for the problem circuit. Determine how the circuit is supposed to work by tracing the current paths from the power source through the system components to ground. If you do not understand how the circuit should work, read the circuit operation text. Also check other circuits that share with the problem circuit. The name of circuits that share the same fuse, ground, or switch, for example, are referred to on each diagram. Try to operate any shared circuits you did not check in step 1. If the shared circuit works, the shared wiring is okay, and the cause must be within the wiring used only by the problem circuit.
If several circuits fail at the same time, the fuse or ground is a likely cause.

3. Inspect the circuit/ component with the problem isolated

Make a circuit test to check the diagnosis you made in step 2. Remember that a logical, simple procedure is the key to efficient troubleshooting. Narrow down the probable causes using the troubleshooting hints and system diagnosis charts.
Test for the most likely cause of failure first.
Try to make tests at points that are easily accessible.

4. Repair the problem

Once the problem is found, make the necessary repairs.

5. Make sure the circuit works

Repeat the system check to be sure you have repaired the problem. If the problem was a blown fuse, be sure to test all of the circuits on that fuse.

TROUBLESHOOTING EQUIPMENT

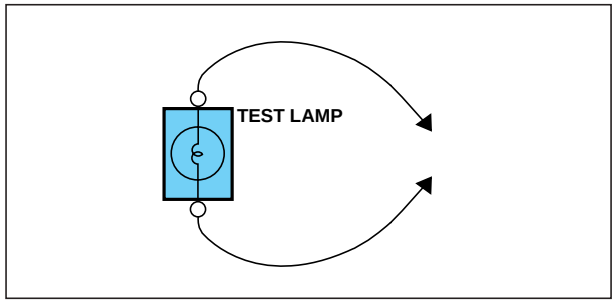
VOLTMETER AND TEST LAMP

Use a test lamp or a voltmeter on circuits without solidstate units and use a test lamp to check for voltage. A test lamp is made up of a 12-volt light bulb with a pair of leads attached. After grounding one lead, touch the other lead to various points along the circuit where voltage should be present.
When the bulb goes on, there is voltage at the point being tested.

CAUTION

A number of circuits include solid-state modules, such as the Engine Control Module(ECM), used with computer command control injection. Voltage in these circuits should be tested only with a 10-megaohm or higher impedance digital multimeter. Never use a test lamp on circuits that contain solid state modules. Damage to the modules may result.

A voltmeter can be used in place of a test lamp. While a test lamp shows whether the voltage is present or not, a voltmeter indicates how much voltage is present.



SELF-POWERED TEST LAMP AND OHMMETER

Use a self-powered test lamp or an ohmmeter to check for continuity.
The ohmmeter shows how much resistance there is between two points along a circuit. Low resistance means good continuity.

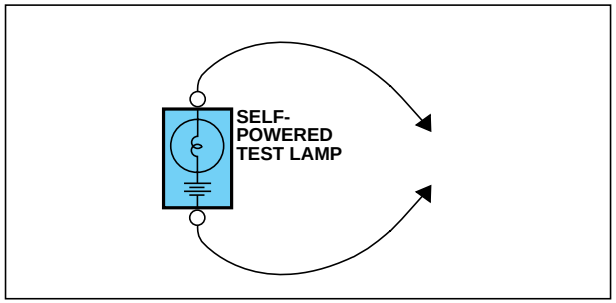
TROUBLESHOOTING INSTRUCTIONS (2)

CAUTION

Never use a self-powered test lamp on circuits that contain solid state modules. Damage to these modules may result.

An ohmmeter can be used in place of a self-powered test lamp.
The ohmmeter shows how much resistance there is between two points along a circuit. Low resistance means good continuity.

Circuits which include any solid-state devices should be tested only with a 10-megaohm or higher impedance digital multimeter. When measuring resistance with a digital multimeter, the battery negative terminal should be disconnected. Otherwise, there may be incorrect readings. Diodes and solid-state devices in a circuit can make an ohmmeter give a false reading. To find out if a component is affecting a measurement, take one reading, reverse the leads and take a second reading.
If different the solid-state device is affecting the measurement.



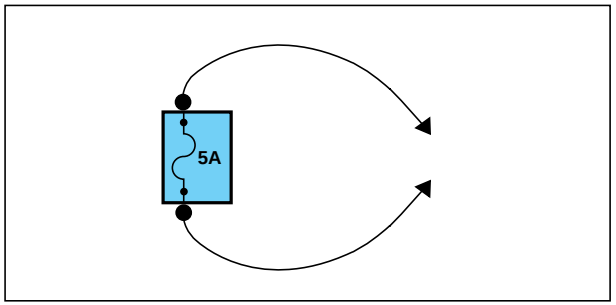
JUMPER WIRE WITH FUSE

Use a jumper wire with a fuse to by-pass an open circuit.

A jumper wire is made up of an in-line fuse holder connected to a set of test leads. This tool is available with small clamp connectors providing adaption to most connectors without damage.

CAUTION

Do not use a fuse with a higher rating than the specified fuse that protects the circuit being tested. Do not use this tool in any situation to substitute an input or output at the solid-state control module, such as ECM, TCM, etc.



SHORT FINDER

A short finder is available to locate a short to ground. The short finder creates a pulsing magnetic field in the shorted circuit and shows you the location of the short through body trim or sheet metal.

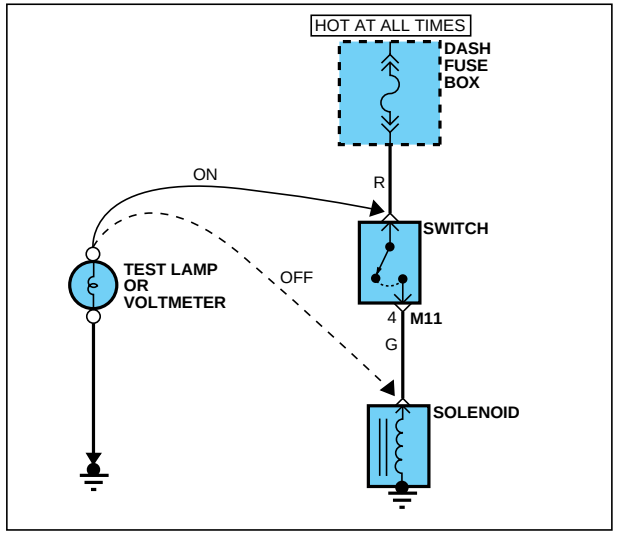
TROUBLESHOOTING TEST

1. TESTING FOR VOLTAGE

This test measures voltage in a circuit. When testing for voltage at a connector, you do not have to separate the two halves of the connector. Instead, probe the connector from the back(backprobe). Always check both sides of the connector because dirt and corrosion between its contact surfaces can cause electrical problems.

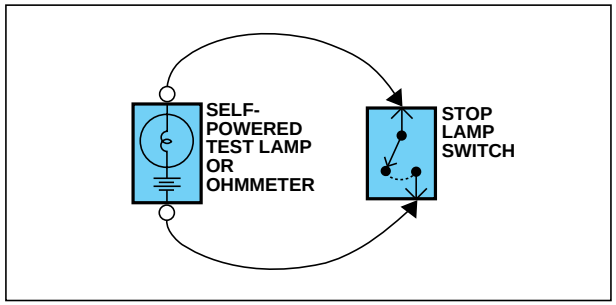
A. Connect one lead of a test lamp or voltmeter to a ground. If you are using a voltmeter, be sure it is the voltmeter's negative test lead you have connected to ground.
B. Connect the other lead of the test lamp or voltmeter to a selected test point(connector or terminal).
C. If the test lamp glows, there is voltage present. If you are using a voltmeter, note the voltage reading. A loss of more than 1 volt from specification indicates a problem.

TROUBLESHOOTING INSTRUCTIONS (3)



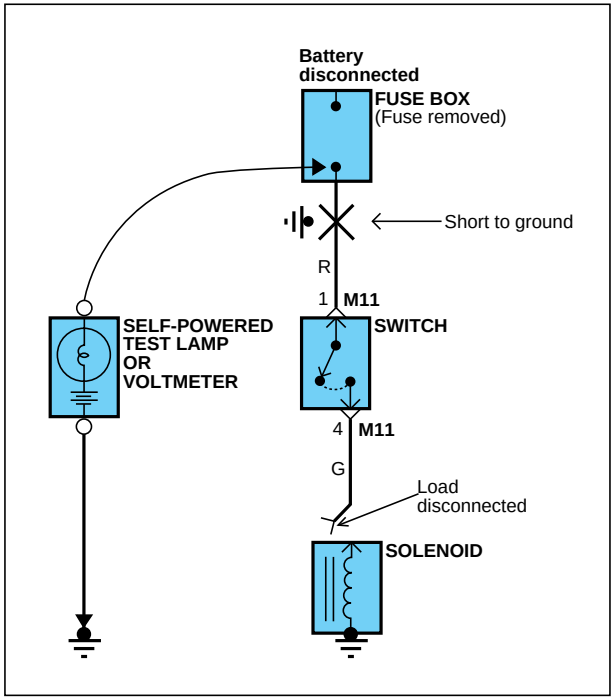
2. TESTING FOR CONTINUITY

A. Disconnect the battery negative terminal.
B. Connect one lead of a self-powered test lamp or ohmmeter to one end of the part of the circuit you wish to test. If you are using an ohmmeter, hold the leads together and adjust the ohmmeter to read zero ohms.
C. Connect the other lead to the other end.
D. If the self-power test lamp glows, there is continuity. If you are using an ohmmeter, low or zero resistance means good continuity.



3. TESTING FOR SHORT TO GROUND

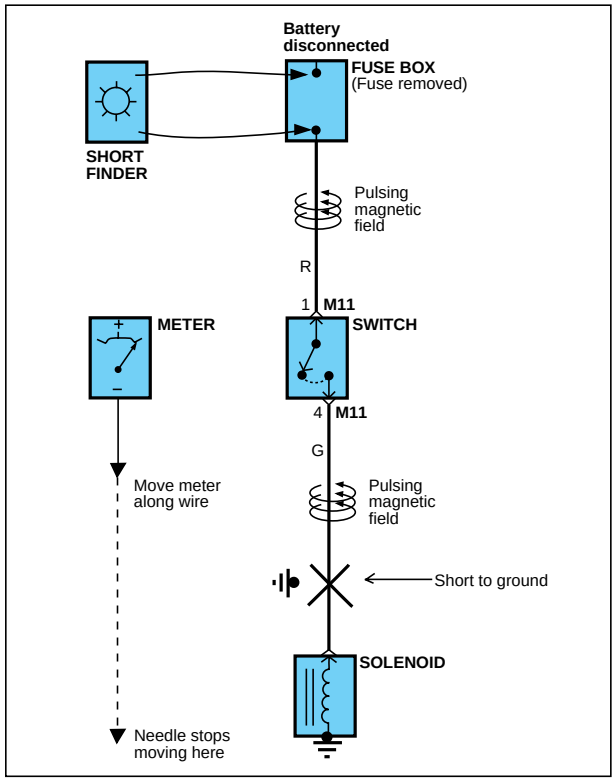
A. Disconnect the battery negative terminal.
B. Connect one lead of a self-powered test lamp or an ohmmeter to the fuse terminal on the load side.
C. Connect the other lead to a ground.
D. Beginning near the fuse block move the harness from side to side. Continue this proceedure(about six inches apart) while watching the self-powered test lamp or ohmmeter.
E. When the self-powered test lamp glows, or ohmmeter registers, there is a short to a ground in the wiring near that point.



TROUBLESHOOTING INSTRUCTIONS (4)

4. TESTING FOR A SHORT WITH A SHORT FINDER

A. Remove the blown fuse. Leave the battery connected.
B. Connect the short finder across the fuse terminals.
C. Close all switches in series in the circuit that is being testing.
D. Turn on the short circuit locator. It sends pulses of current to the short. This creates a pulsing magnetic field around the wiring between the fuse box and the short.
E. Beginning at the fuse box, slowly move the short finder along the circuit wiring. The meter will show current pulses through sheet metal and body trim. As long as the meter is between the fuse and the short, the needle will move with each current pulse. Once the meter is moved past the point of the short, the needle will stop moving. Check around this area to locate the cause of the short circuit.



FUSE & RELAY INFORMATION (1) SD100-1

FUSE BOX

<D4DD>

FUSE 1 15A	FUSE 2 5A	FUSE 3 10A	FUSE 4 10A	FUSE 5 15A	FUSE 6 5A	FUSE 7 5A	FUSE 8 10A	FUSE 9 10A	FUSE 10 15A	FUSE 11 10A	FUSE 12 10A
	FUSE 14 15A	FUSE 15 10A	FUSE 16 20A	FUSE 17 10A	FUSE 18 15A	FUSE 19 10A	FUSE 20 20A	FUSE 21 20A		FUSE 23 10A	FUSE 24 15A
FUSE 25 10A	FUSE 26 10A	FUSE 27 10A	FUSE 28 10A	FUSE 29 10A	FUSE 30 10A	FUSE 31 10A	FUSE 32 5A	FUSE 33 20A	FUSE 34 15A	FUSE 35 10A	FUSE 36 15A

<D4AF/D4AL>

FUSE 1 15A	FUSE 2 5A	FUSE 3 10A	FUSE 4 10A	FUSE 5 15A	FUSE 6 5A	FUSE 7 5A		FUSE 9 15A		FUSE 11 10A	FUSE 12 10A
FUSE 13 20A	FUSE 14 10A	FUSE 15 10A	FUSE 16 10A	FUSE 17 10A	FUSE 18 15A	FUSE 19 15A				FUSE 23 10A	FUSE 24 15A
FUSE 25 10A	FUSE 26 10A	FUSE 27 10A	FUSE 28 10A	FUSE 29 10A	FUSE 30 10A	FUSE 31 10A		FUSE 33 15A	FUSE 34 15A		FUSE 36 15A

※ USE THE DESIGNATED FUSE ONLY

FUSE & RELAY INFORMATION (2)

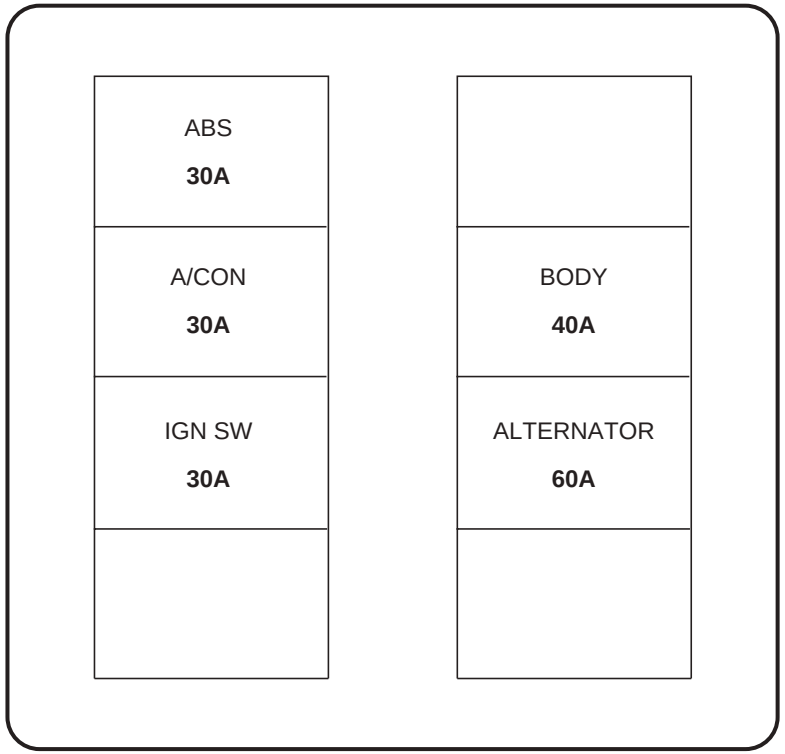
CIRCUIT

Fuse	Description	(A)	Circuit protected
1	WORKING LAMP	15A	Working lamp switch
2	HEAD LP (RELAY)	5A	Head lamp leveling actuator(D4AF/D4AL), Head lamp leveling switch(D4AF/D4AL), Head lamp relay(High/Low)
3	A/CON	10A	Mode switch, Intake switch, A/C switch, Evaporator sensor, Blower relay, Condenser fan relay
4	D4AF/D4AL(COLD START), D4DD(TACHOGRAPH, GLOW, ABS), EXH. BRAKE	10A	Cold start switch(D4AF/D4AL), Exhaust brake clutch pedal position switch(D4AF/D4AL), Tachograph, High speed warning device(D4AF/D4AL), High speed warning buzzer(D4AF/D4AL), Glow relay(D4DD), Fuel heater relay(D4DD), Exhaust brake relay(D4DD), ABS relay
5	WIPER WASHER	15A	Wiper motor, Washer motor, Wiper relay(High/Low)
6	A. B. S (ECU)	5A	ABS control module
7	P. T. O (OPT)	5A	PTO relay, Dump relay, PTO control switch
8	D4DD(ENG ECU)	10A(D4DD)	Main ECM(D4DD)
9	D4AF/D4AL(SUB START), D4DD(ENG ECU, EXH BRAKE)	15A(D4AF/D4AL) 10A(D4DD)	Neutral switch(D4AF/D4AL), Main ECM(D4DD), Exhaust brake relay(D4DD)
10	D4DD(SUB START)	15A(D4DD)	Neutral switch(D4DD)
11	D4AF/D4AL(OVERHEAT BZ), REVERSE LP, SPD SENSOR	10A	Overheat buzzer relay(D4AF/D4AL), Vehicle speed sensor, Back-up lamp switch, Water separator sensor(D4DD), Generator(D4DD)
12	D4AF/D4AL(ALTR (R)), CLUSTER, ETACS	10A	Instrument cluster(Indicator), ETACM, Generator(D4AF/D4AL)
13	D4AF/D4AL(P/WINDOW)	20A	Power window relay(D4AF/D4AL)
14	D4AF/D4AL(STOP LP, HORN) D4DD(HEAT'G MIRROR)	10A(D4AF/D4AL) 15A(D4DD)	Data link connector(D4AF/D4AL), Stop lamp switch(D4AF/D4AL), Horn(D4AF/D4AL), Outside mirror defogger relay(D4DD)
15	HAZARD, T/SIG LP, CAB TILT'G	10A	Cab tilting switch, Flasher unit
16	D4AF/D4AL(RR FOG LAMP) D4DD(P/WINDOW)	10A(D4AF/D4AL) 20A(D4DD)	Rear fog lamp relay(D4AF/D4AL), Rear fog indicator relay(D4AF/D4AL), Power window relay(D4DD)
17	C/DOOR LOCK	10A	Power door lock relay, Power door unlock relay
18	A. B. S (VALVE)	15A	ABS relay box(Fail safe relay)
19	D4AF/D4AL(HEAT'G MIRROR) D4DD(STOP LP, HORN, DIAG CONN)	15A(D4AF/D4AL) 10A(D4DD)	Outside mirror defogger relay(D4AF/D4AL), Data link connector(D4DD), Stop lamp switch(D4DD), Horn(D4DD), Horn relay(D4DD)
20	D4DD(ENG ECU)	20A(D4DD)	Engine ECM relay(D4DD), Main ECM(D4DD)
21	D4DD(FUEL HEATER)	20A(D4DD)	Fuel heater relay(D4DD)
23	D4DD(ETACS, TACHOGRAPH), AUDIO, ROOM LP, CLOCK	10A	Instrument cluster(Clock), ETACM, Audio, Front room lamp, Rear room lamp, Tachograph
24	START MOTOR	15A	ETACM(D4AF/D4AL), Start solenoid, Sub start switch, Main ECM(D4DD)
25	HEAD LP (DIM. LH)	10A	Head lamp LH(Lo)
26	HEAD LP (DIM. RH)	10A	Head lamp RH(Lo)
27	HEAD LP (MAIN. LH)	10A	Head lamp LH(Hi), Instrument cluster(High-beam indicator)
28	HEAD LP (MAIN. RH)	10A	Head lamp RH(Hi)
29	TAIL LP (LH)	10A	Hazard switch, Defogger switch, A/C switch, Front fog lamp switch, License lamp, Rear combination lamp LH, Rear fog lamp switch(D4AF/D4AL), Rear marker lamp LH(D4AF/D4AL), Front outside marker lamp(D4AF/D4AL), Cigarette lighter(D4DD)
30	TAIL LP (RH)	10A	Position lamp RH, Front room lamp, Endout marker lamp, Rear combination lamp RH, Rear marker lamp RH(D4AF/D4AL), Rear outside marker lamp(D4AF/D4AL)
31	FOG LAMP	10A	Front fog lamp relay
32	D4DD(ENG ECU)	5A(D4DD)	Engine PTO cab in switch(D4DD), Accelerator pedal sensor(D4DD), Exhaust brake clutch pedal position switch(D4DD), Stop lamp switch(D4DD), Multifunction switch(Exhaust brake switch)(D4DD), Idle up/down switch(D4DD)
33	D4AF/D4AL(CONDENSER FAN) D4DD(A/C COMP, CONDENSER)	15A(D4AF/D4AL) 20A(D4DD)	Condenser fan relay, A/C relay
34	HEATER BLOWER	15A	Blower relay
35	D4DD(ETACS)	10A(D4DD)	Not used(D4DD)
36	CIGAR, AUDIO, CLOCK	15A	Cigarette lighter, Audio, Instrument cluster(Clock)

※ USE THE DESIGNATED FUSE ONLY

FUSE & RELAY INFORMATION (3)

FUSIBLE LINK BOX



CIRCUIT

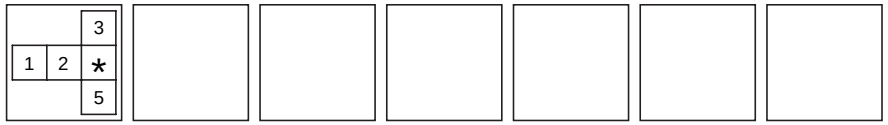
Description	(A)	Circuit protected
ABS	30A	ABS relay box(Pump motor relay)
A/CON	30A	Fuse box(Fuse 33, Fuse 34)
IGN SW	30A	Ignition switch
BODY	40A	Relay box(Head lamp relay (High/Low), Tail lamp relay), Fuse box(D4AF/D4AL(Fuse 13~19), D4DD(Fuse 15~21), Fuse 31)
ALTERNATOR	60A	Generator

※ USE THE DESIGNATED FUSE ONLY

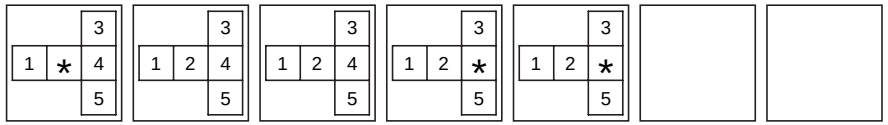
FUSE & RELAY INFORMATION (4)

RELAY BOX

<D4DD>



M01
FRONT FOG
LAMP RELAY



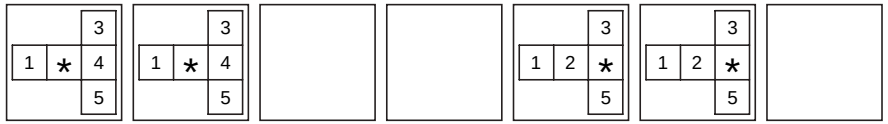
M15
ABS
RELAY

M05
POWER
DOOR
LOCK
RELAY

M06
POWER
DOOR
UNLOCK
RELAY

M07
OUTSIDE
MIRROR
DEFOGGER
RELAY

M88
HORN
RELAY

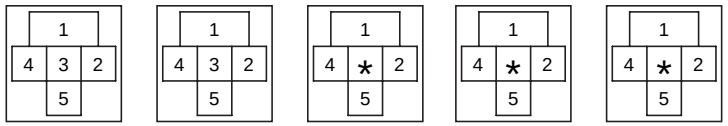


M08
PTO
RELAY

M09
DUMP
RELAY

M93
EXHAUST
BRAKE RELAY

M94
GLOW
RELAY



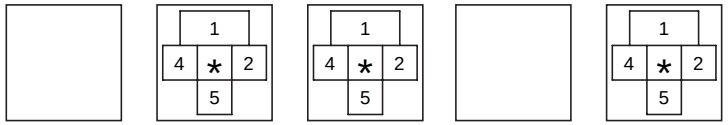
M11
WIPER
RELAY (HIGH)

M12
WIPER
RELAY (LOW)

M13
HEAD LAMP
RELAY (HIGH)

M14
HEAD LAMP
RELAY (LOW)

M04
POWER
WINDOW RELAY



M90
FUEL HEATER
RELAY

M91
ENGINE
ECM RELAY

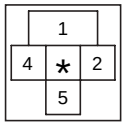
M02
TAIL LAMP
RELAY

<D4AF/D4AL>

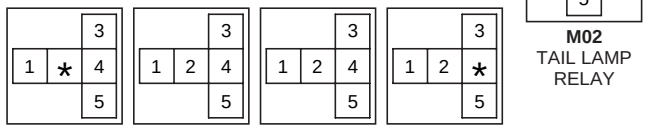
M01
FRONT FOG
LAMP RELAY

M16
REAR FOG
LAMP RELAY

M97
OVERHEAT
BUZZER RELAY



M02
TAIL LAMP
RELAY



M15
ABS
RELAY

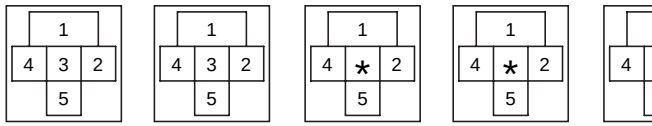
M05
POWER
DOOR
LOCK
RELAY

M06
POWER
DOOR
UNLOCK
RELAY

M07
OUTSIDE
MIRROR
DEFOGGER
RELAY

M08
PTO
RELAY

M09
DUMP
RELAY



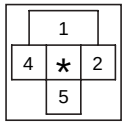
M11
WIPER
RELAY (HIGH)

M12
WIPER
RELAY (LOW)

M13
HEAD LAMP
RELAY (HIGH)

M14
HEAD LAMP
RELAY (LOW)

M04
POWER
WINDOW RELAY

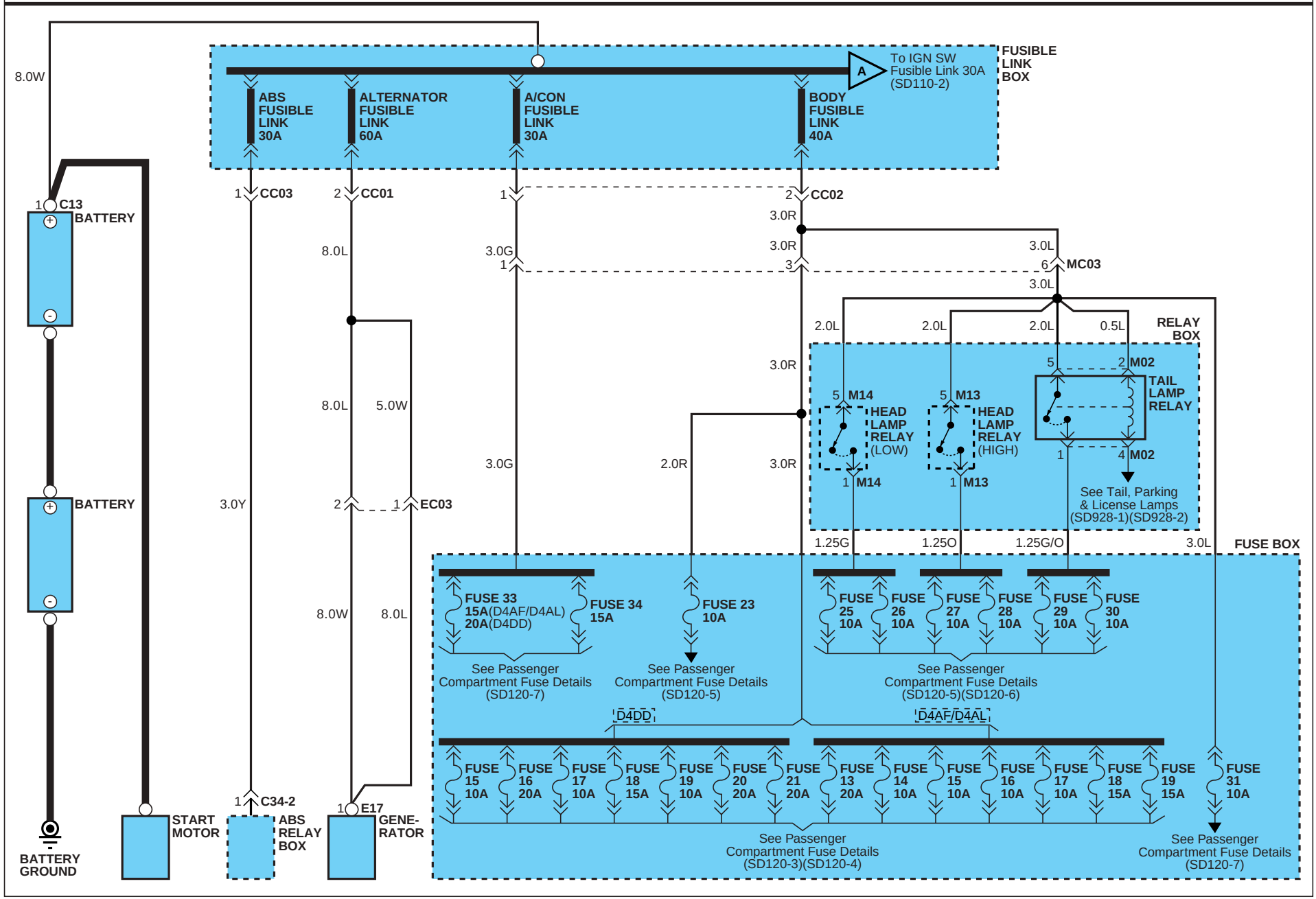


M86
REAR FOG
INDICATOR RELAY

※ USE THE DESIGNATED FUSE ONLY

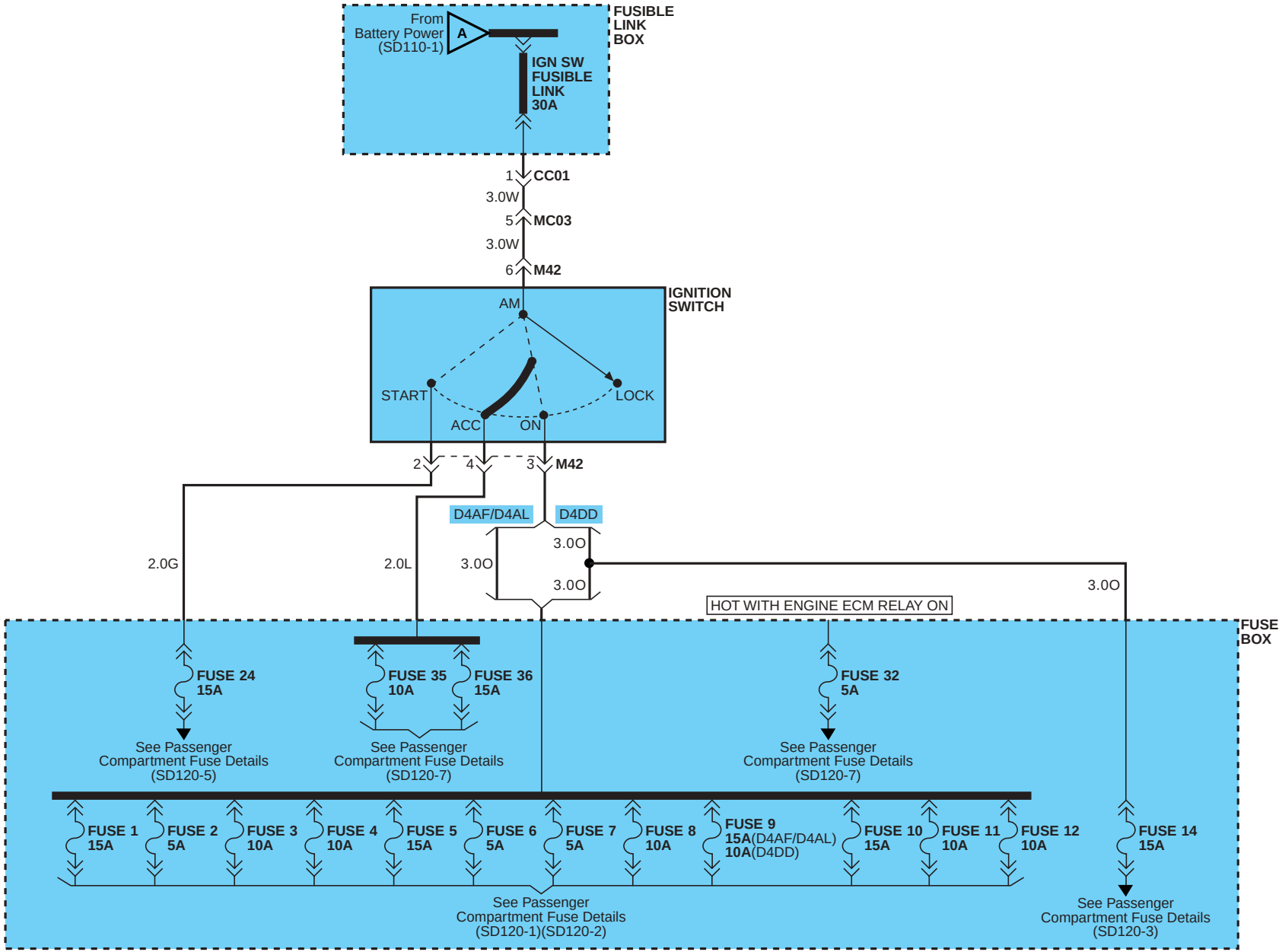
POWER DISTRIBUTION EA007534

POWER DISTRIBUTION (1) SD110-1



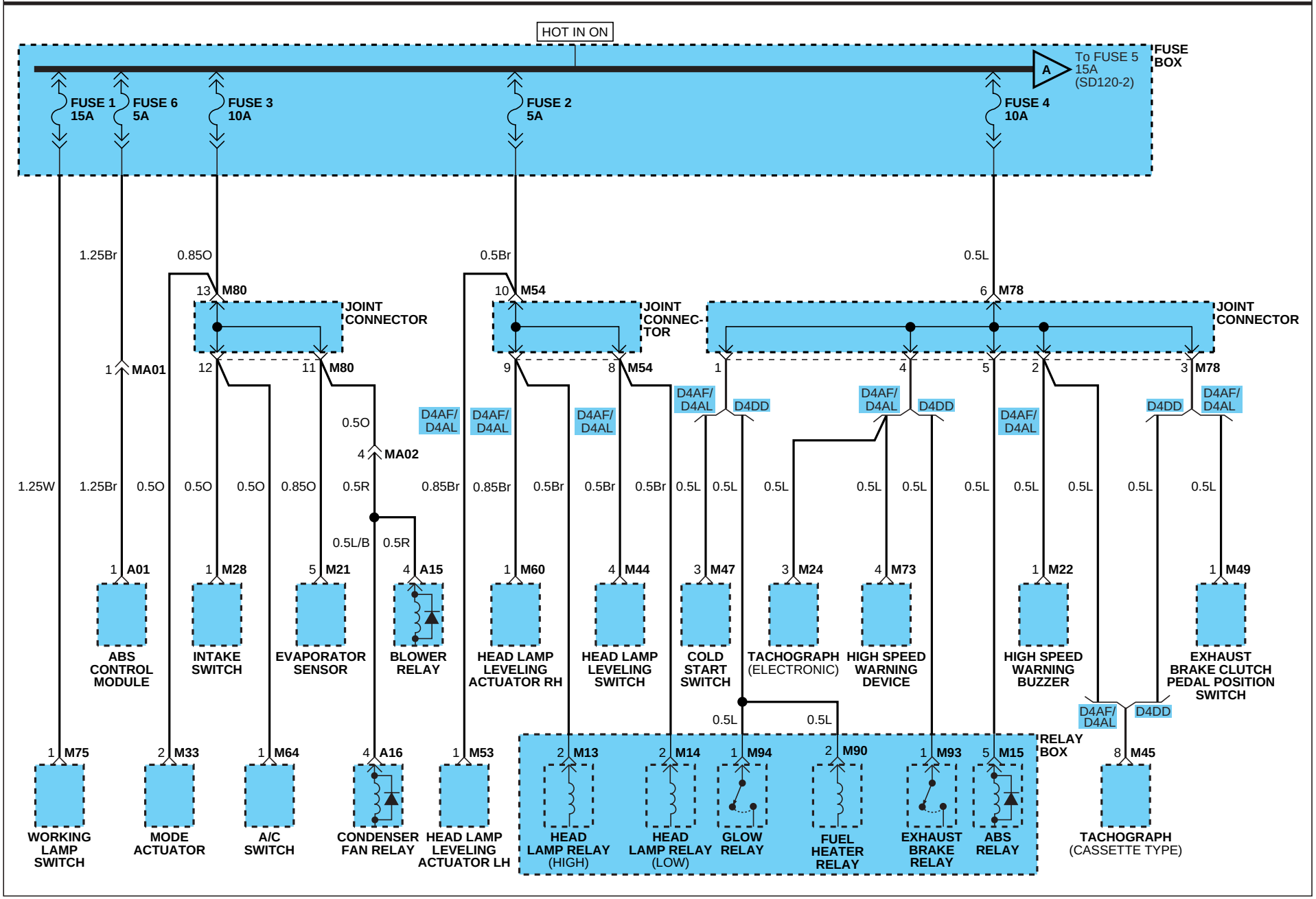
EVTSD7110AL

POWER DISTRIBUTION (2)



PASSENGER COMPARTMENT FUSE DETAILS EC996EEF

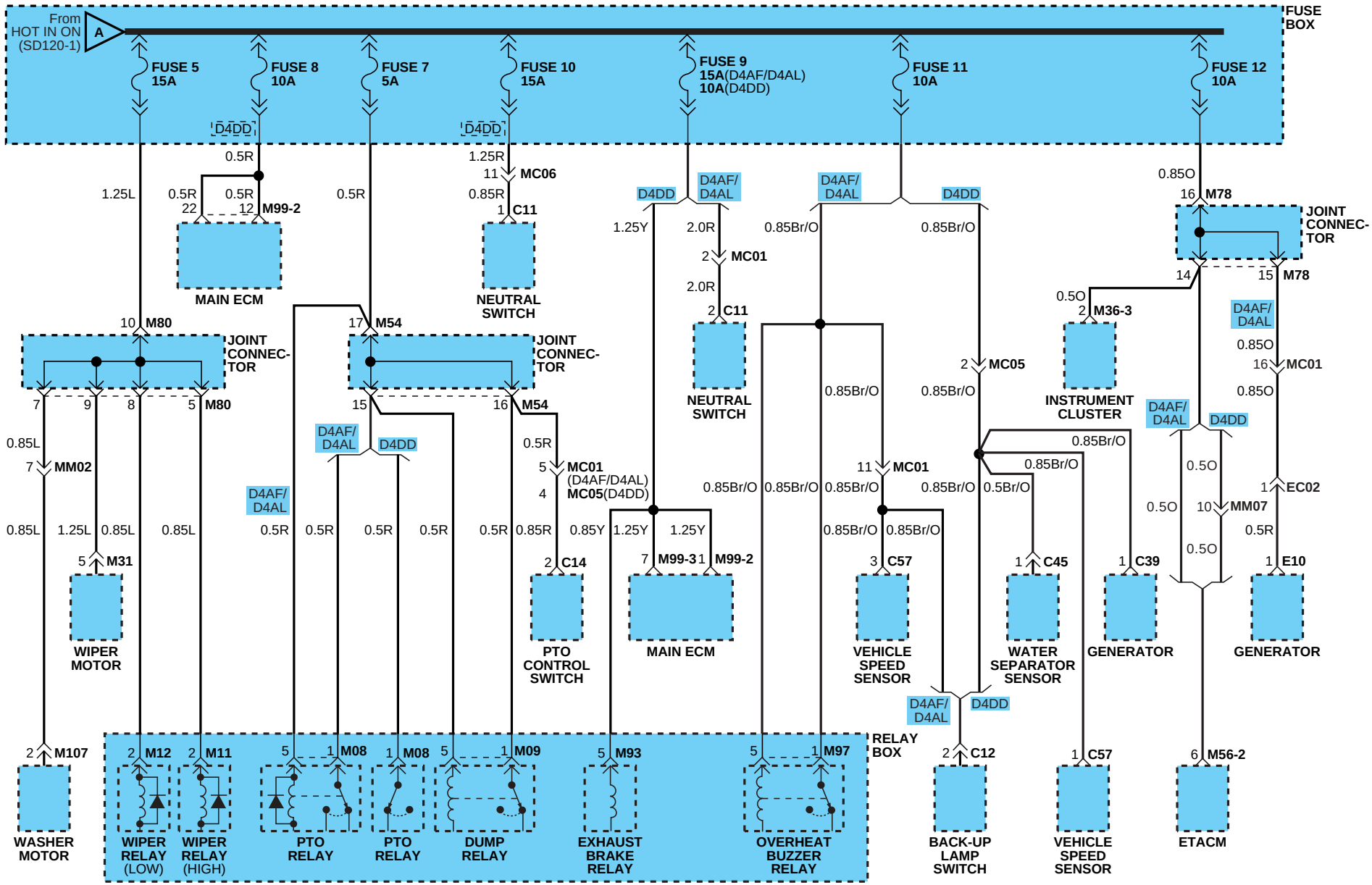
PASSENGER COMPARTMENT FUSE DETAILS (1) SD120-1



EVTSD7120AL

PASSENGER COMPARTMENT FUSE DETAILS (2)

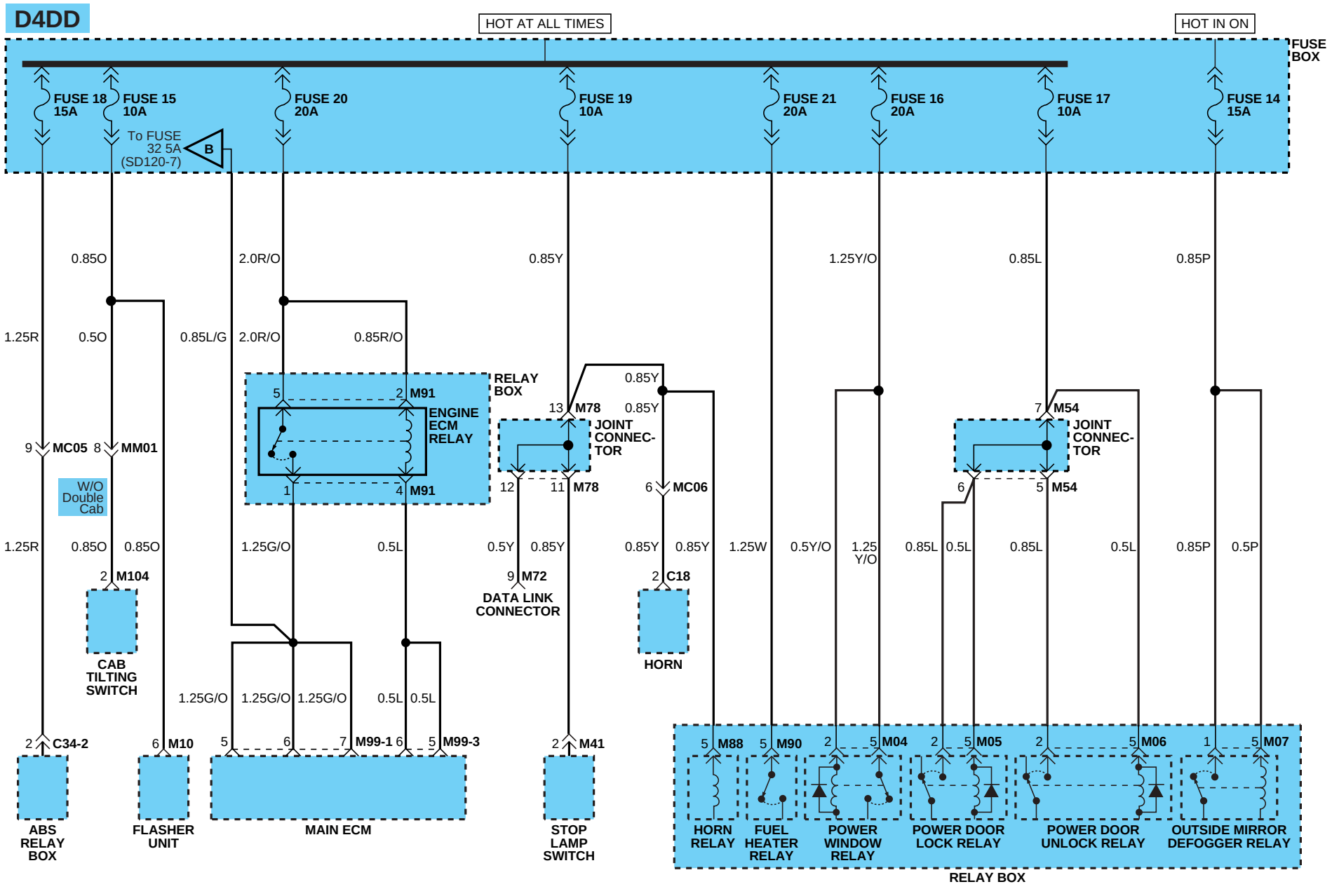
SD120-2



EVTSD7120BL

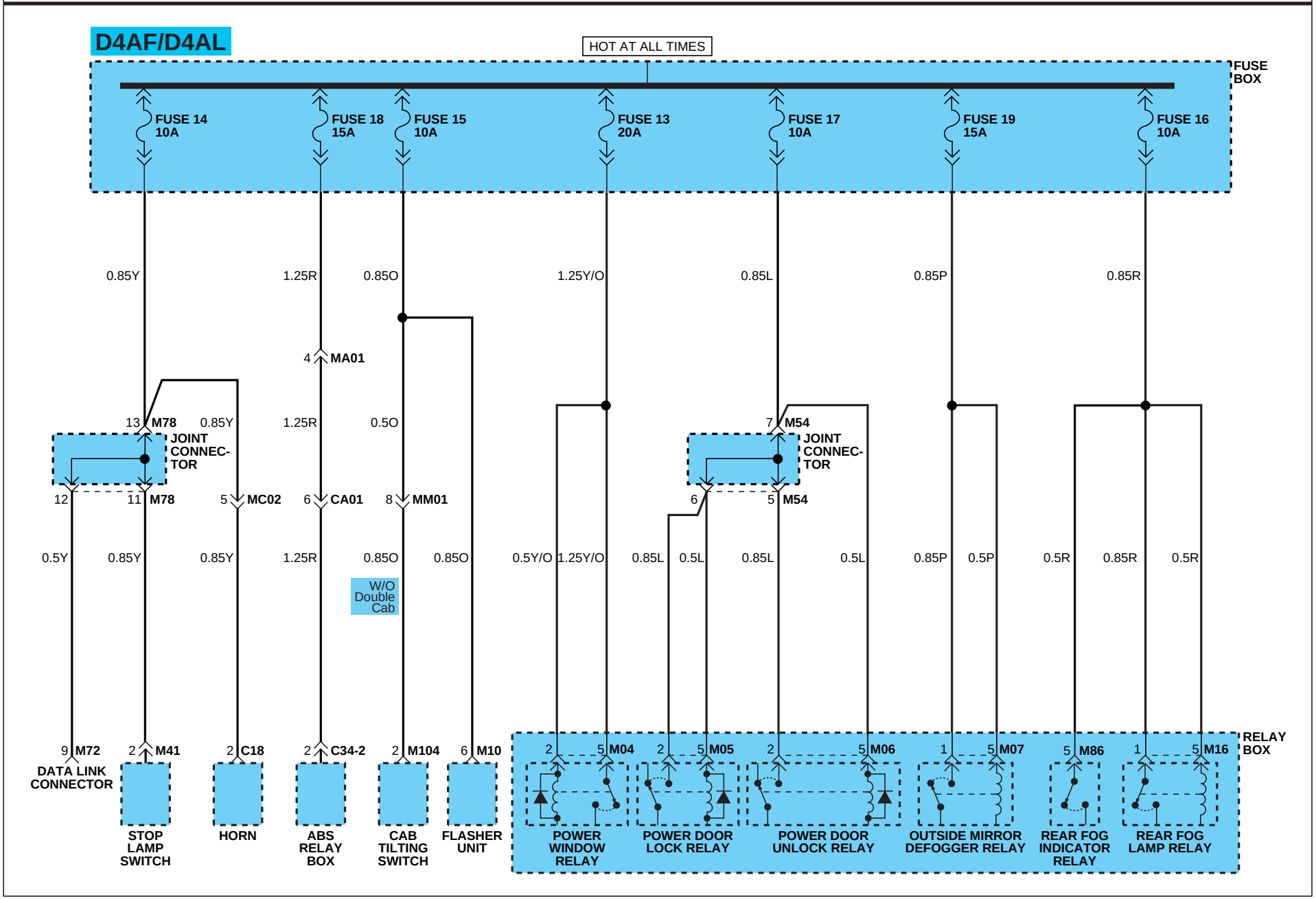
PASSENGER COMPARTMENT FUSE DETAILS (3)

SD120-3



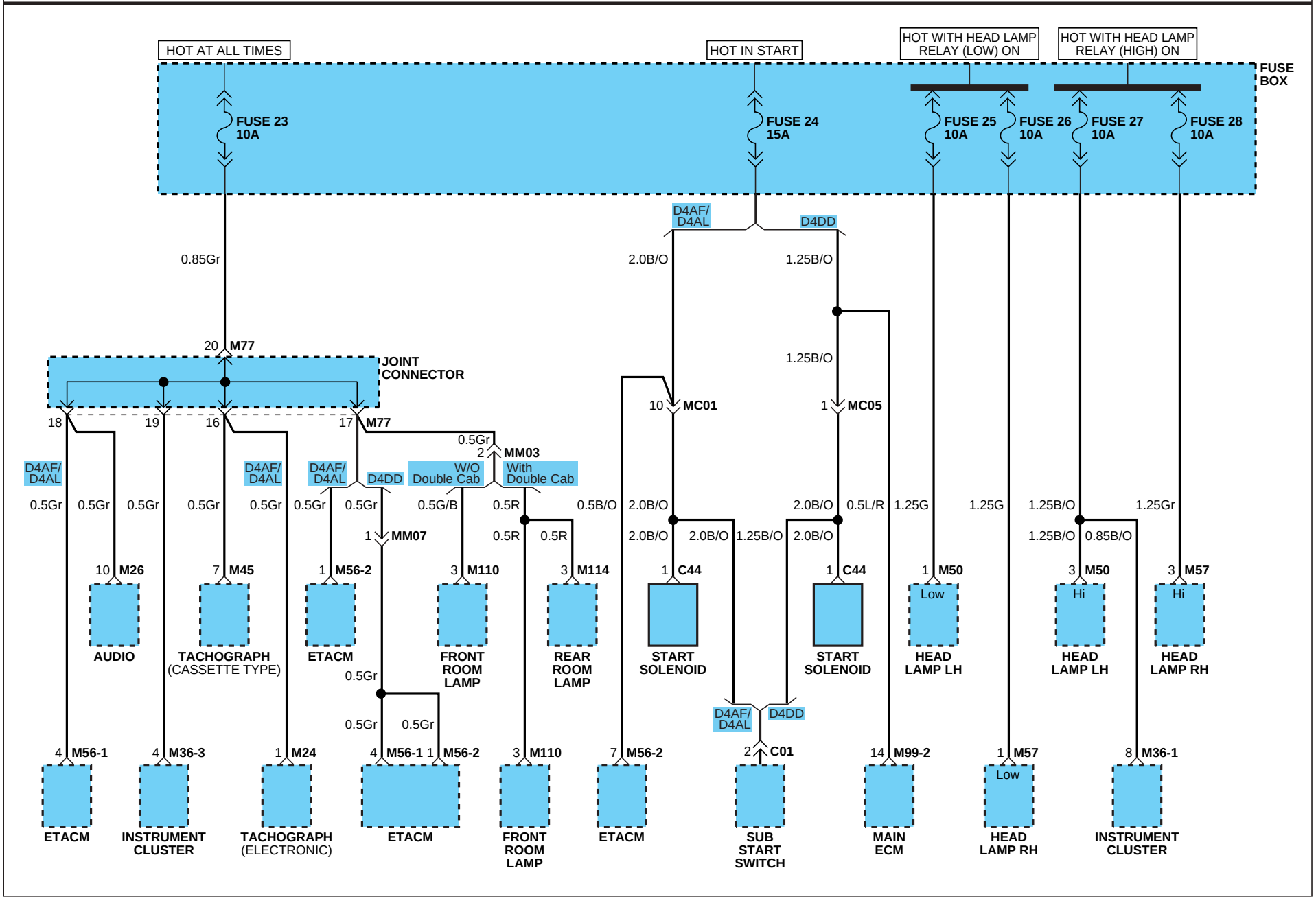
PASSENGER COMPARTMENT FUSE DETAILS (4)

SD120-4



PASSENGER COMPARTMENT FUSE DETAILS (5)

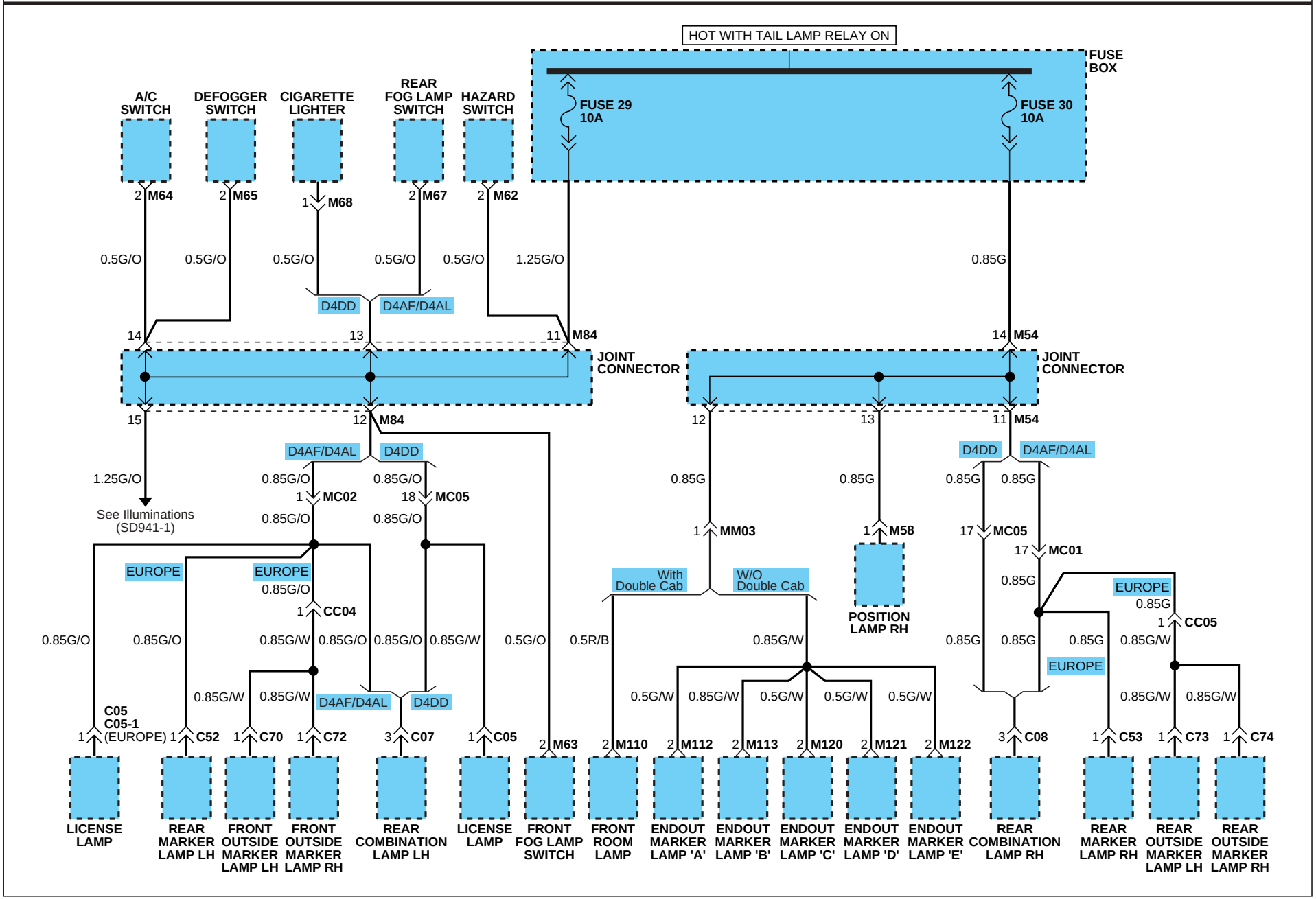
SD120-5



EVTSD7120EL

PASSENGER COMPARTMENT FUSE DETAILS (6)

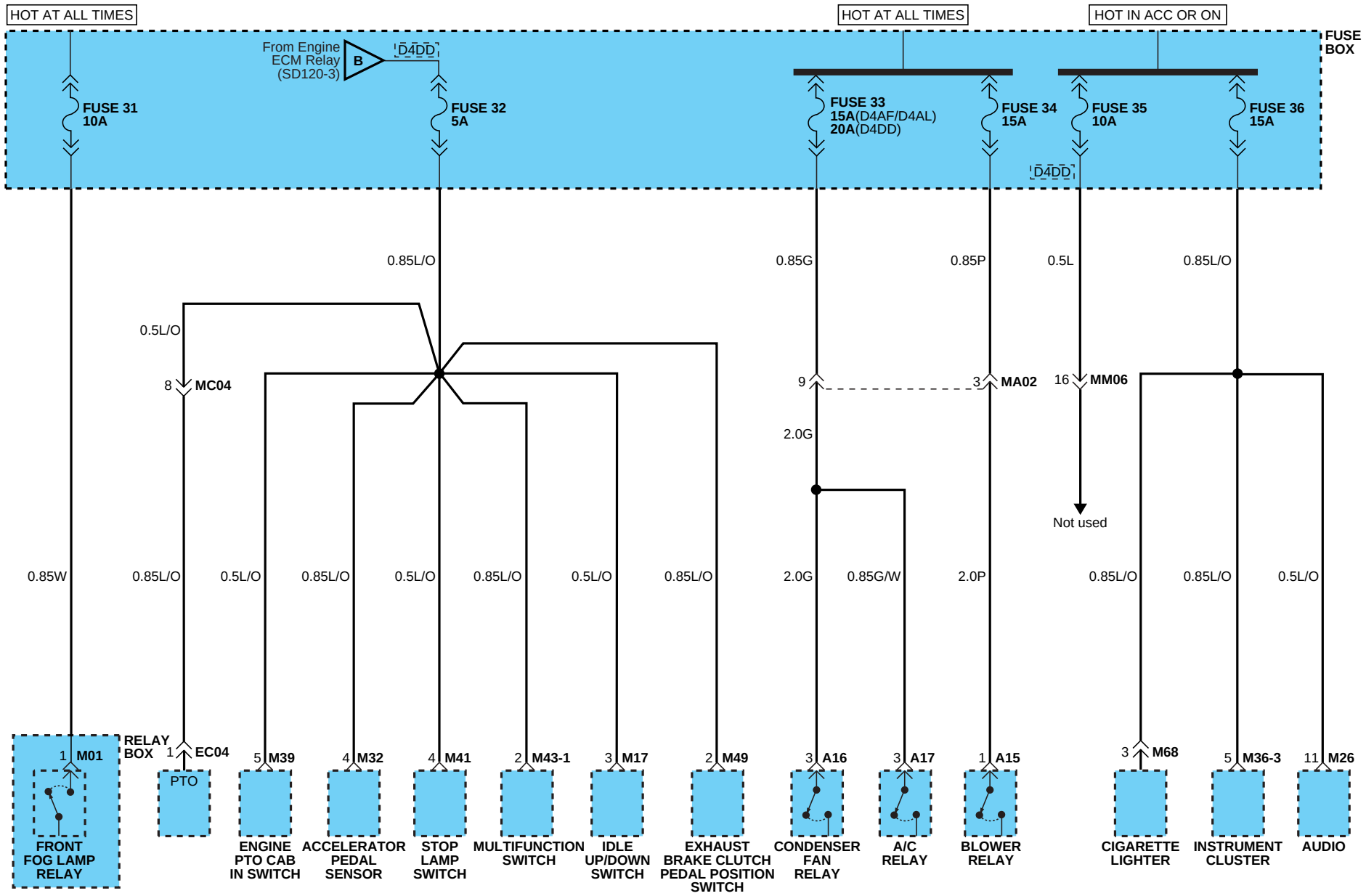
SD120-6



EVTSD7120FL

PASSENGER COMPARTMENT FUSE DETAILS (7)

SD120-7

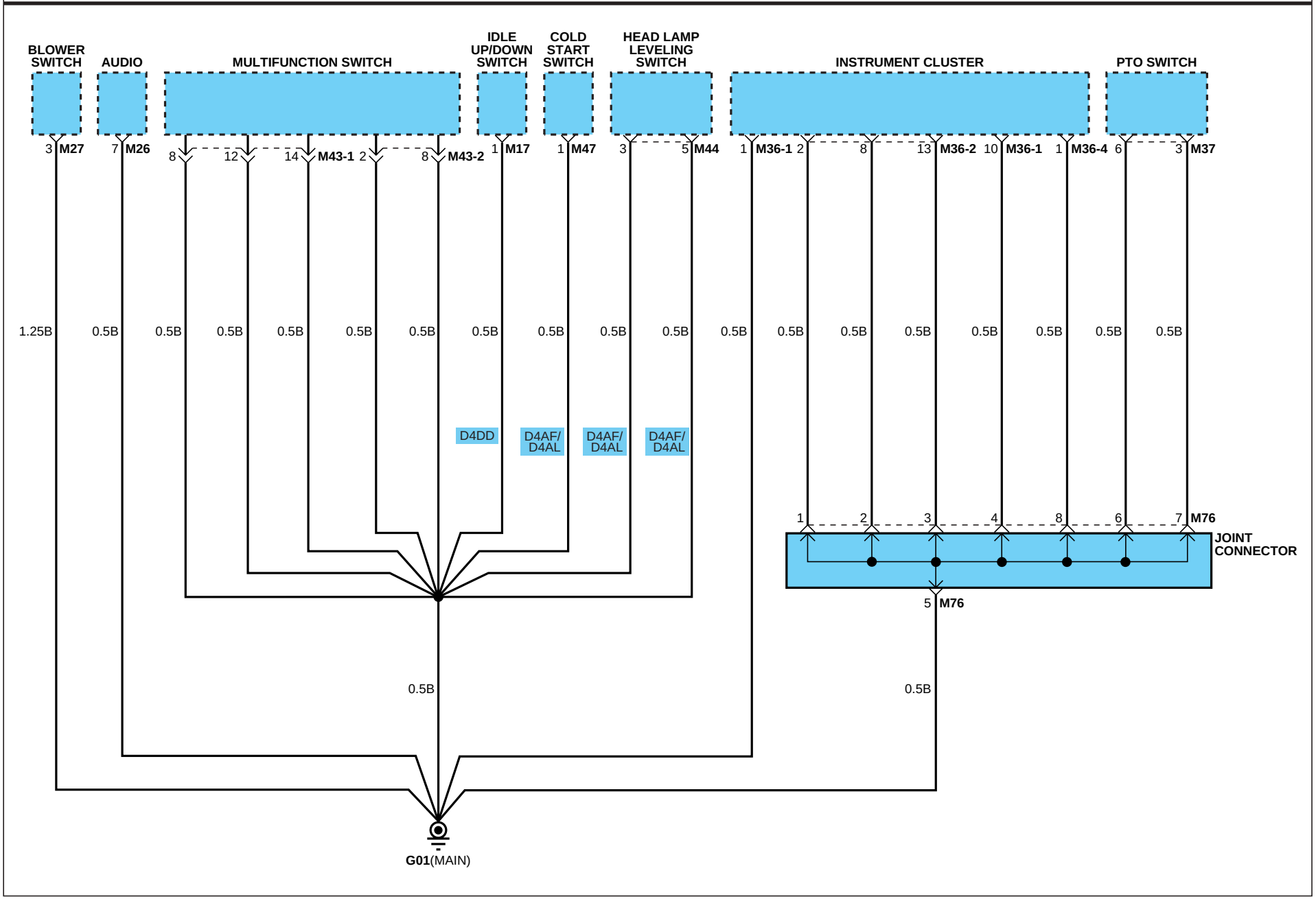


PASSENGER COMPARTMENT FUSE DETAILS (8)

MEMO

GROUND DISTRIBUTION EC2E9F76

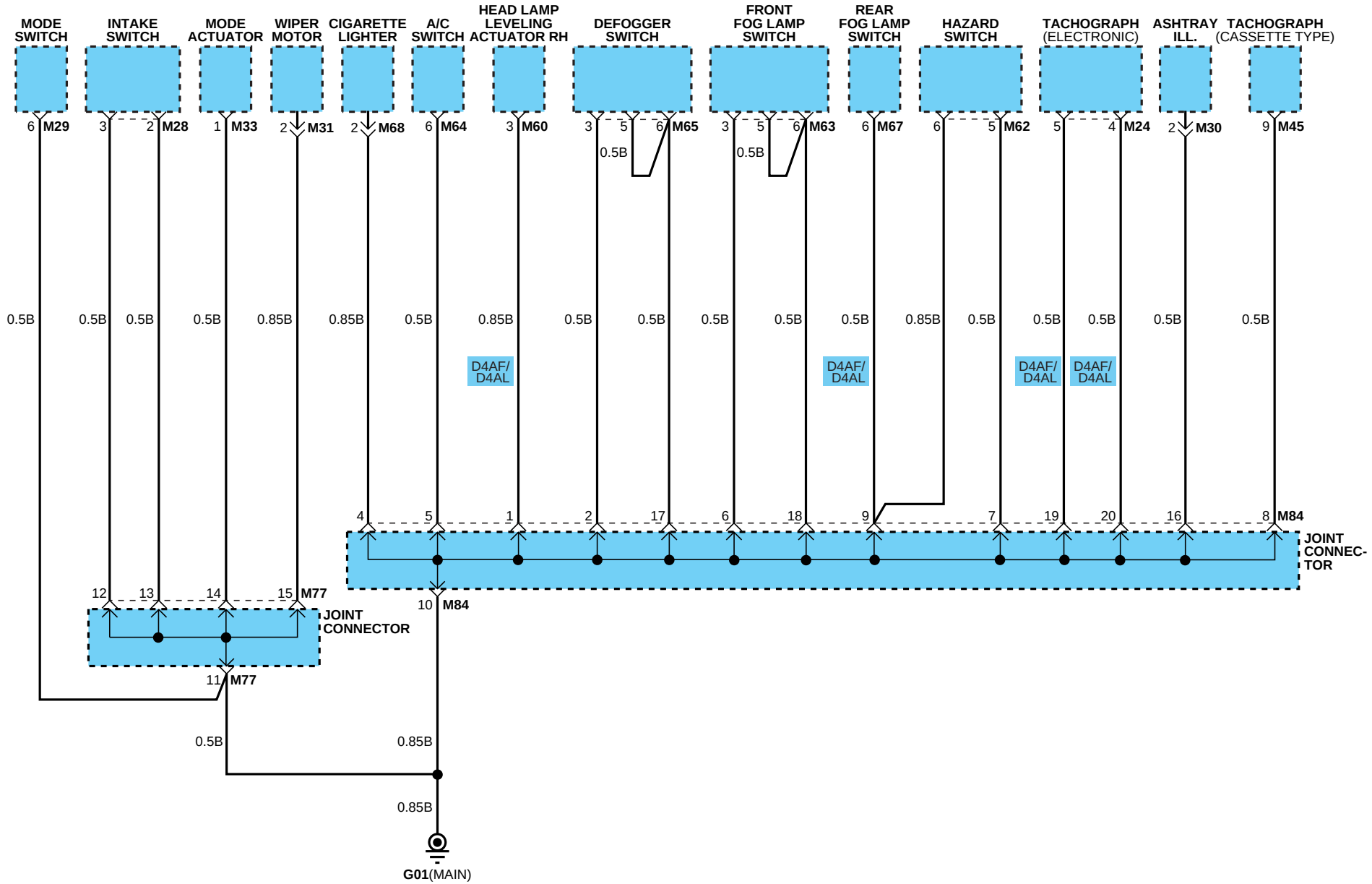
GROUND DISTRIBUTION (1) SD130-1



EVTSD7130AL

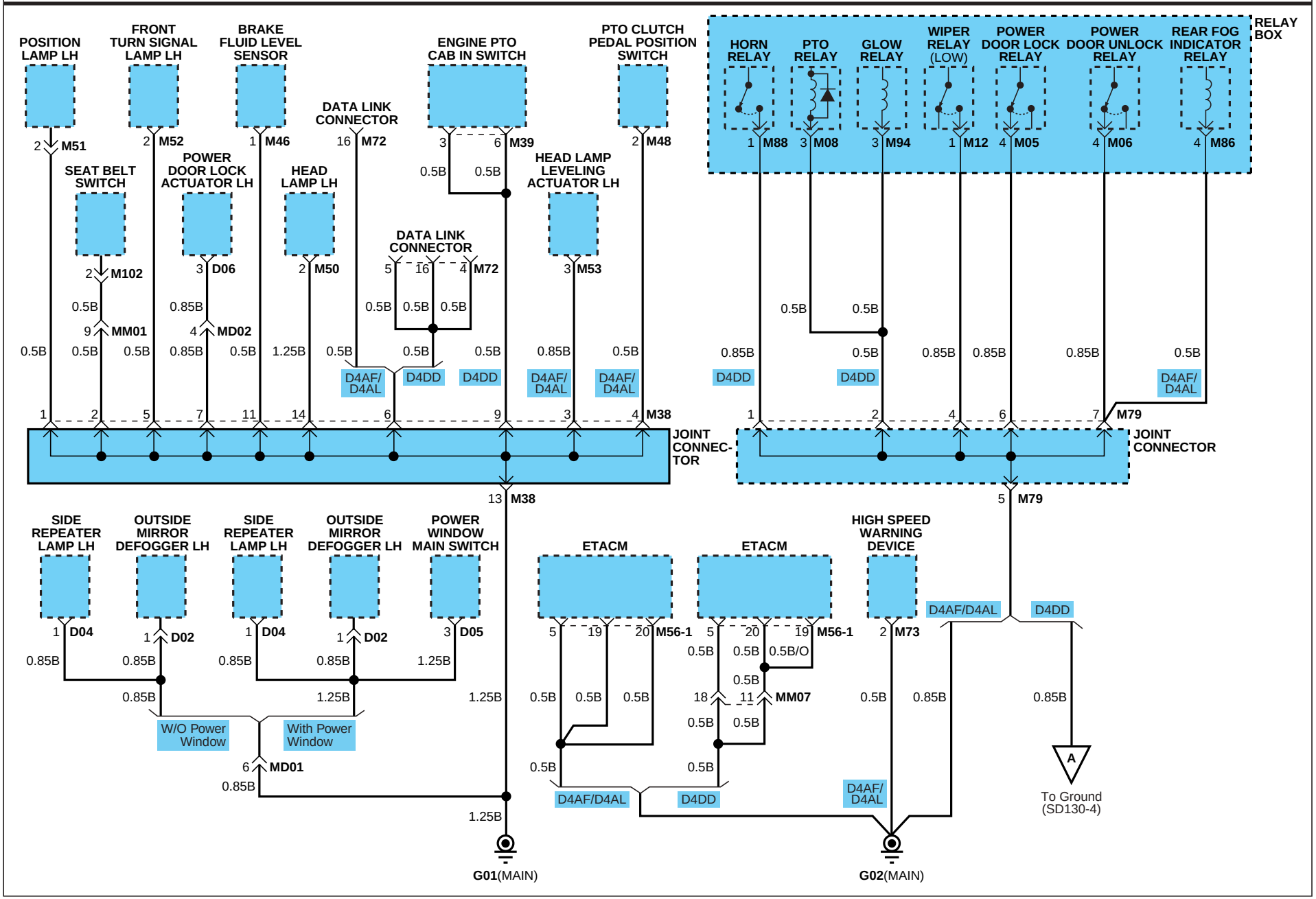
GROUND DISTRIBUTION (2)

SD130-2

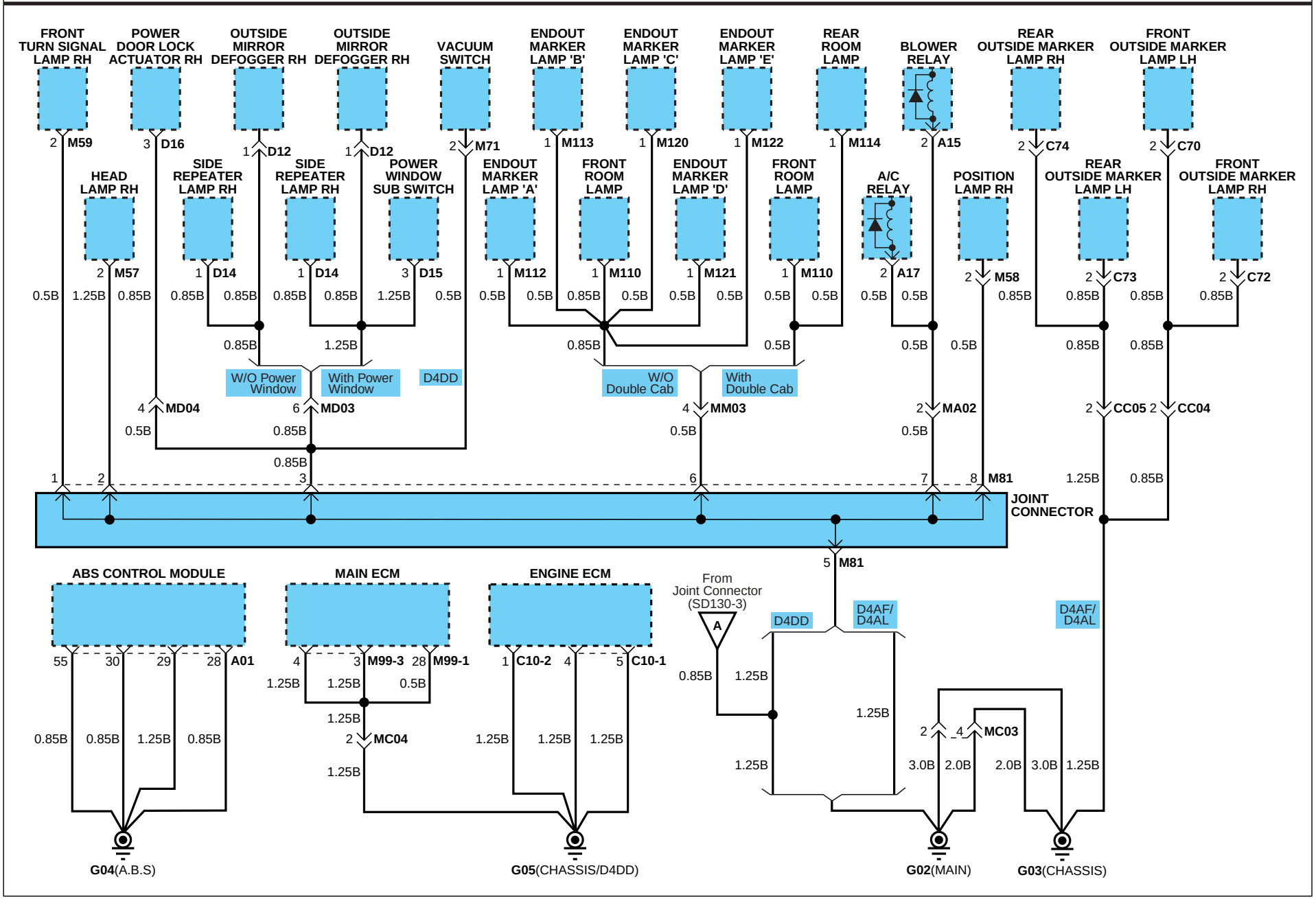


GROUND DISTRIBUTION (3)

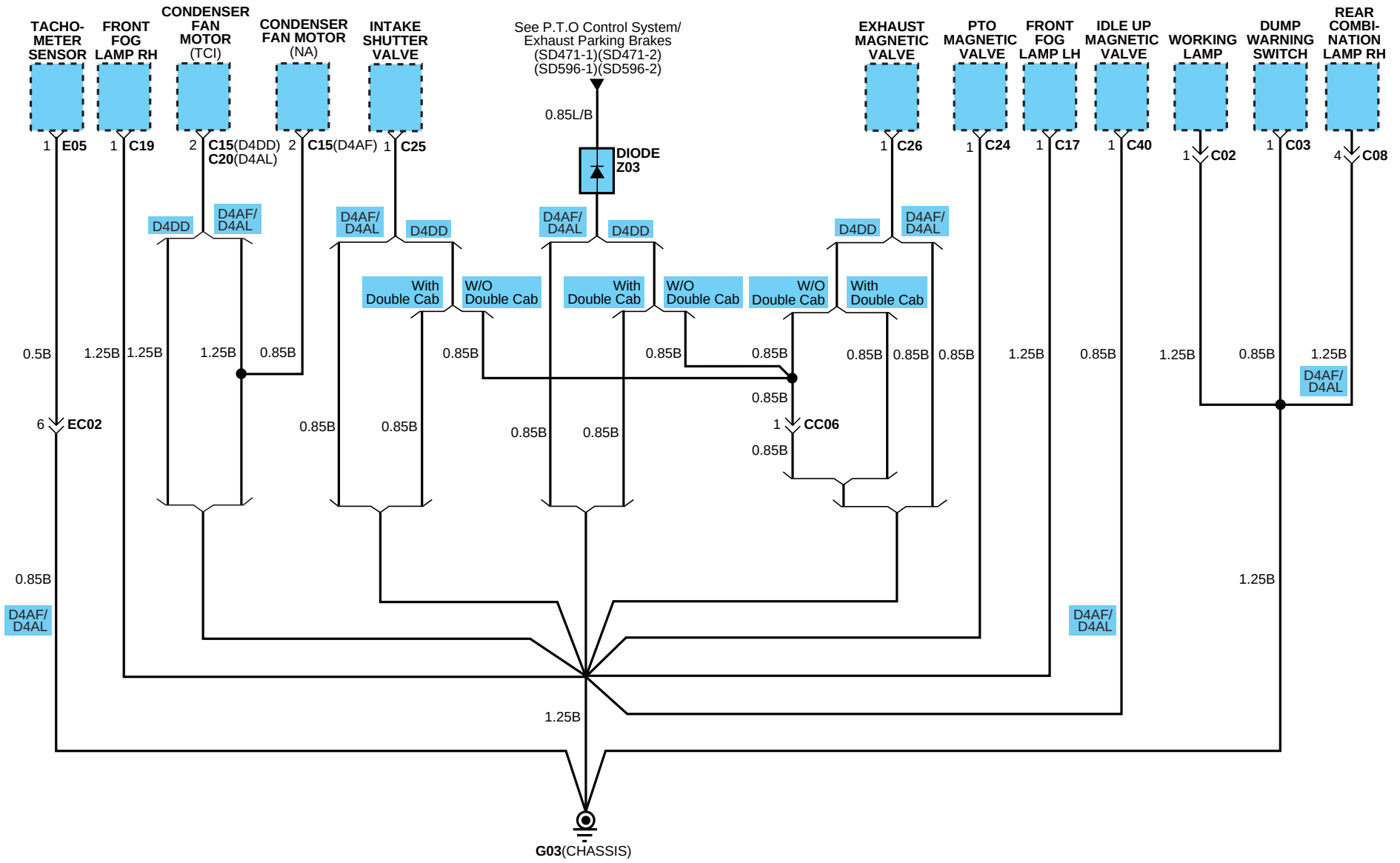
SD130-3



GROUND DISTRIBUTION (4)



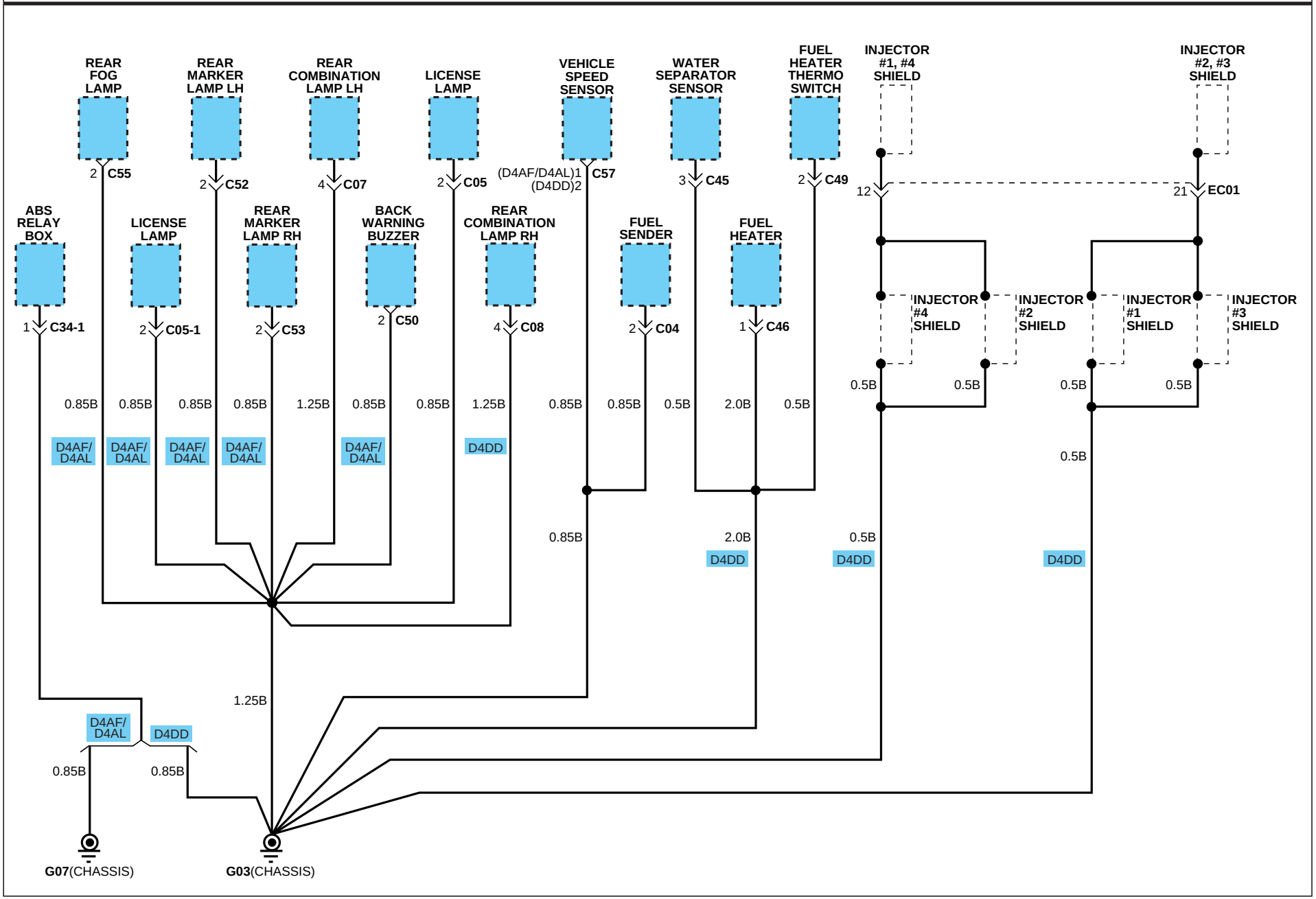
GROUND DISTRIBUTION (5)



EVTSD7130EL

GROUND DISTRIBUTION (6)

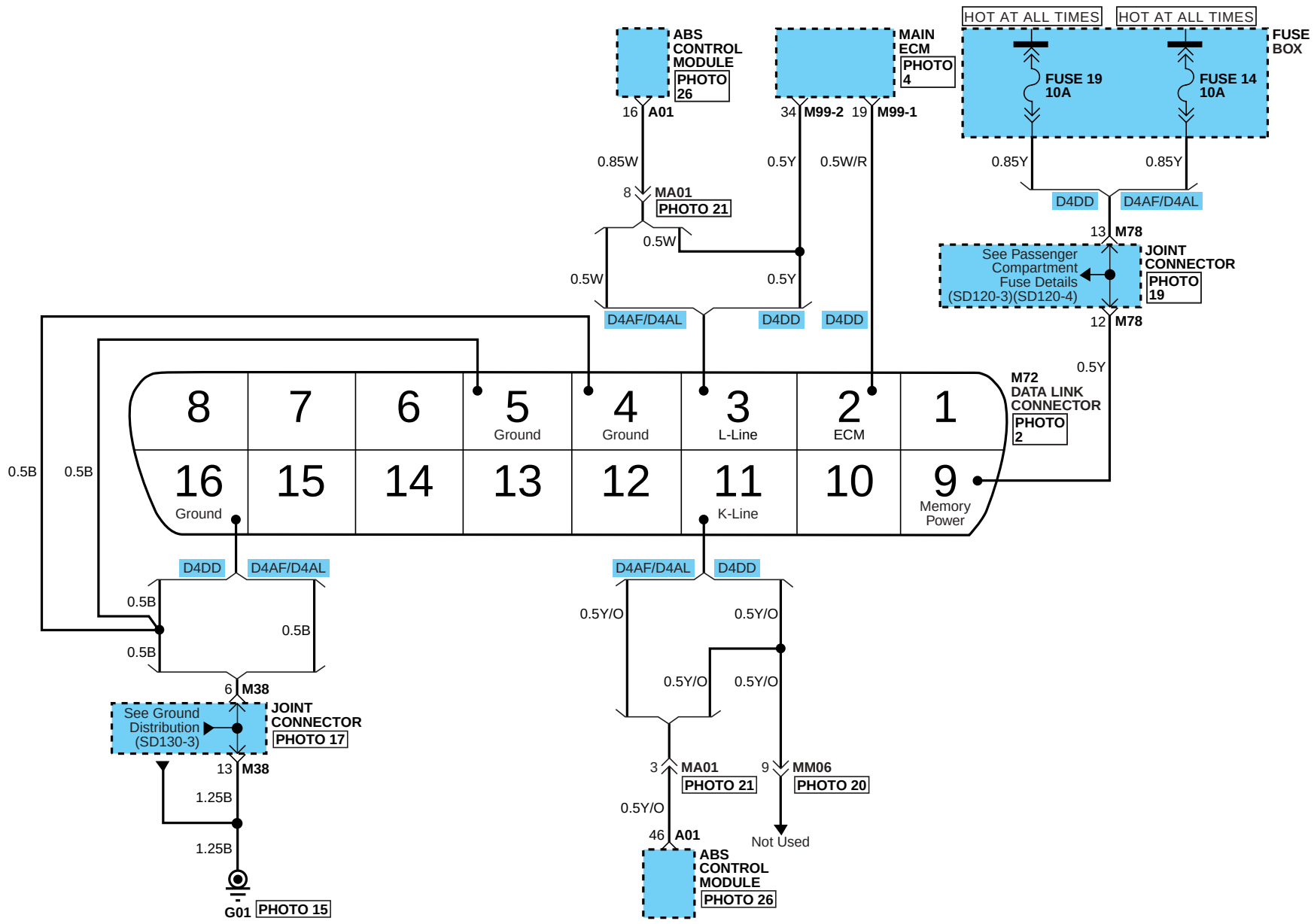
SD130-6



EVTSD7130FL

DATA LINK DETAILS (1)

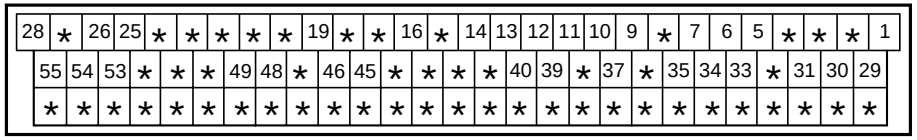
SD200-1



DATA LINK DETAILS (2)

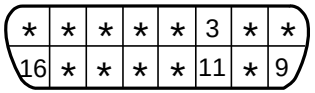
SD200-2

A01



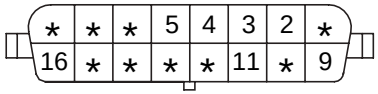
CR55F005

M72(D4AF/D4AL)



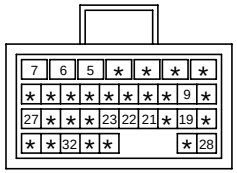
CR16F007

M72(D4DD)



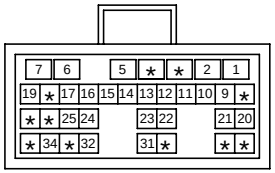
CR16F044

M99-1



CR34F003

M99-2



CR35F009

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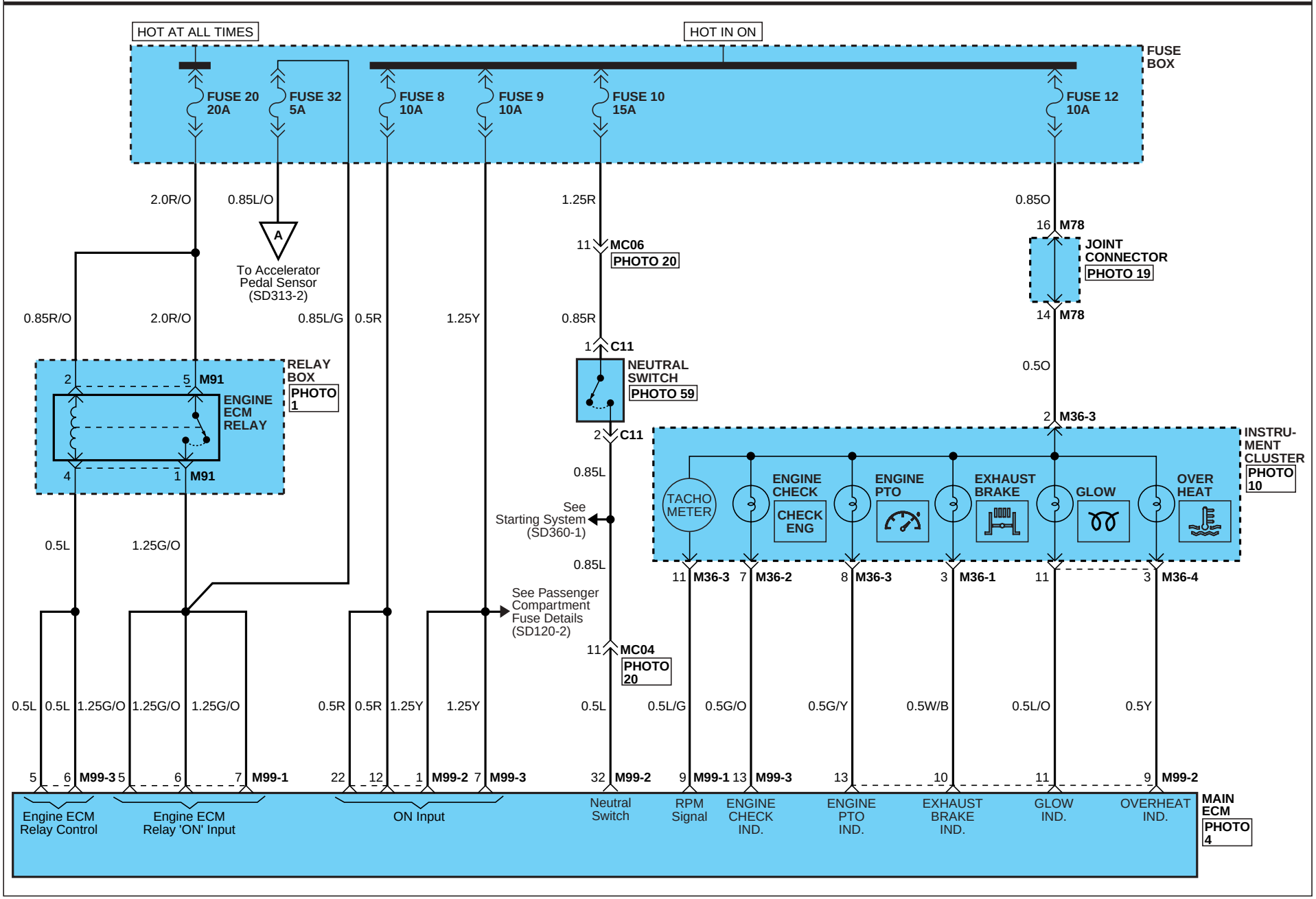
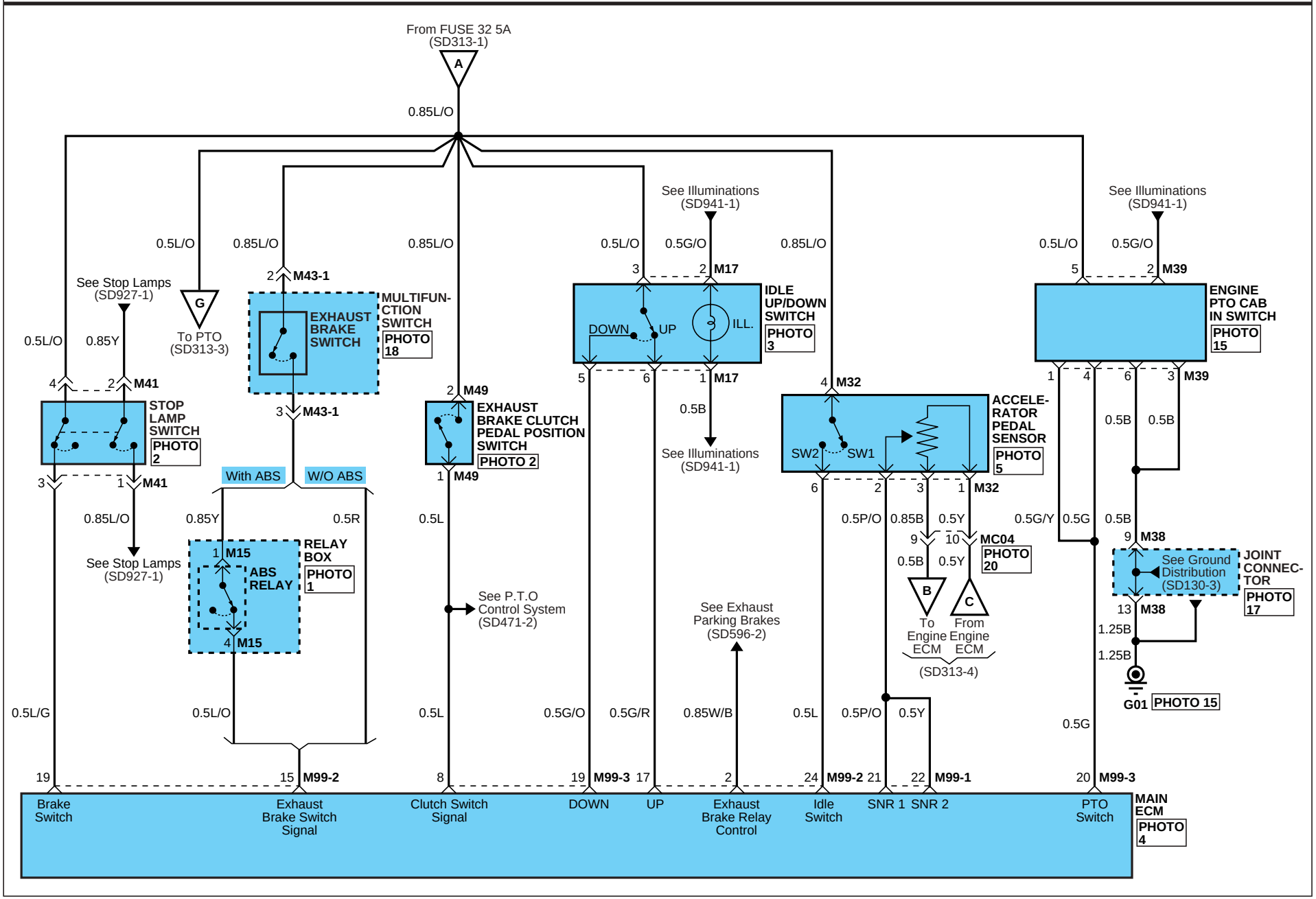
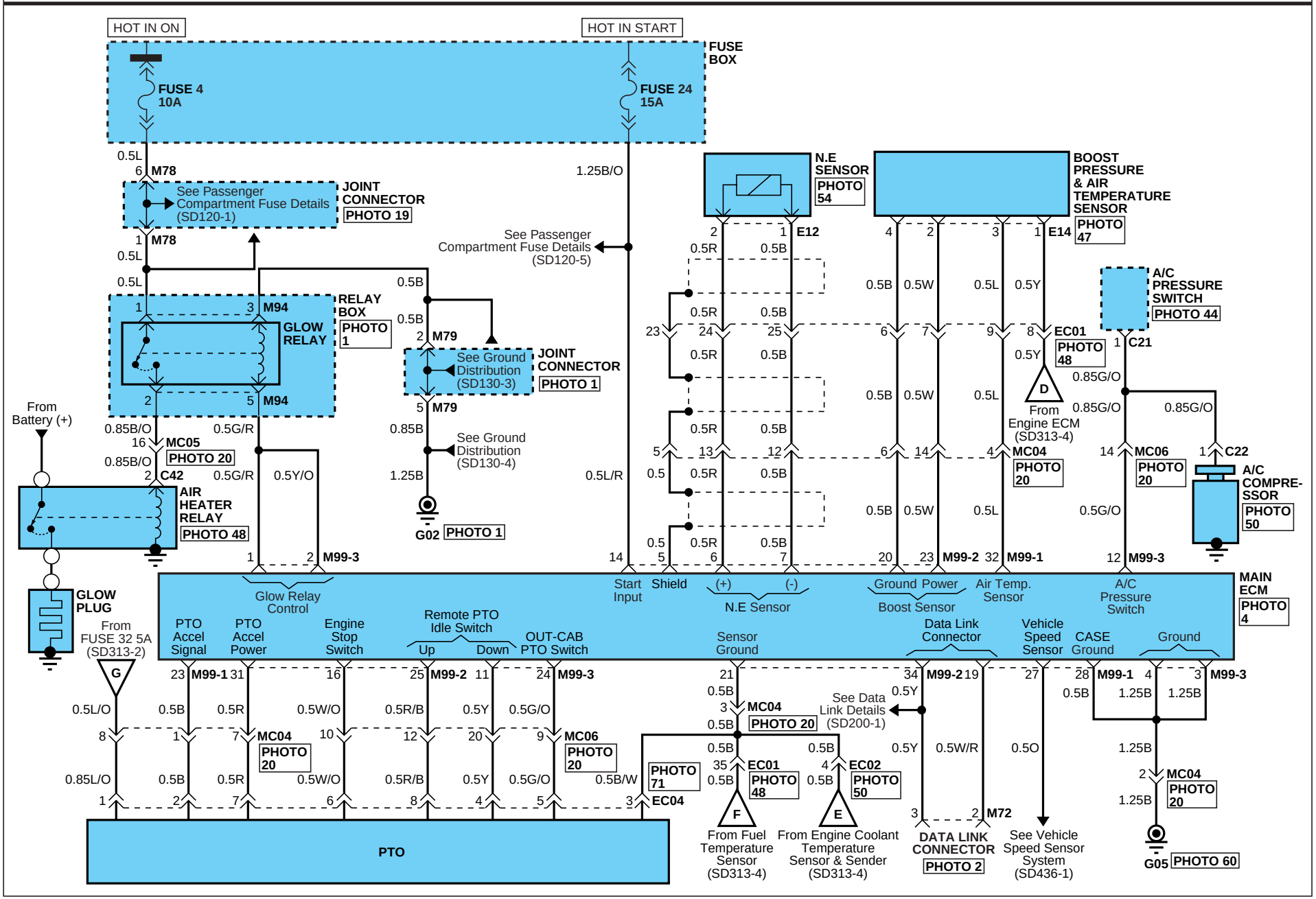
MFI CONTROL SYSTEM (D4DD) (1) SD313-1



MFI CONTROL SYSTEM (D4DD) (2)

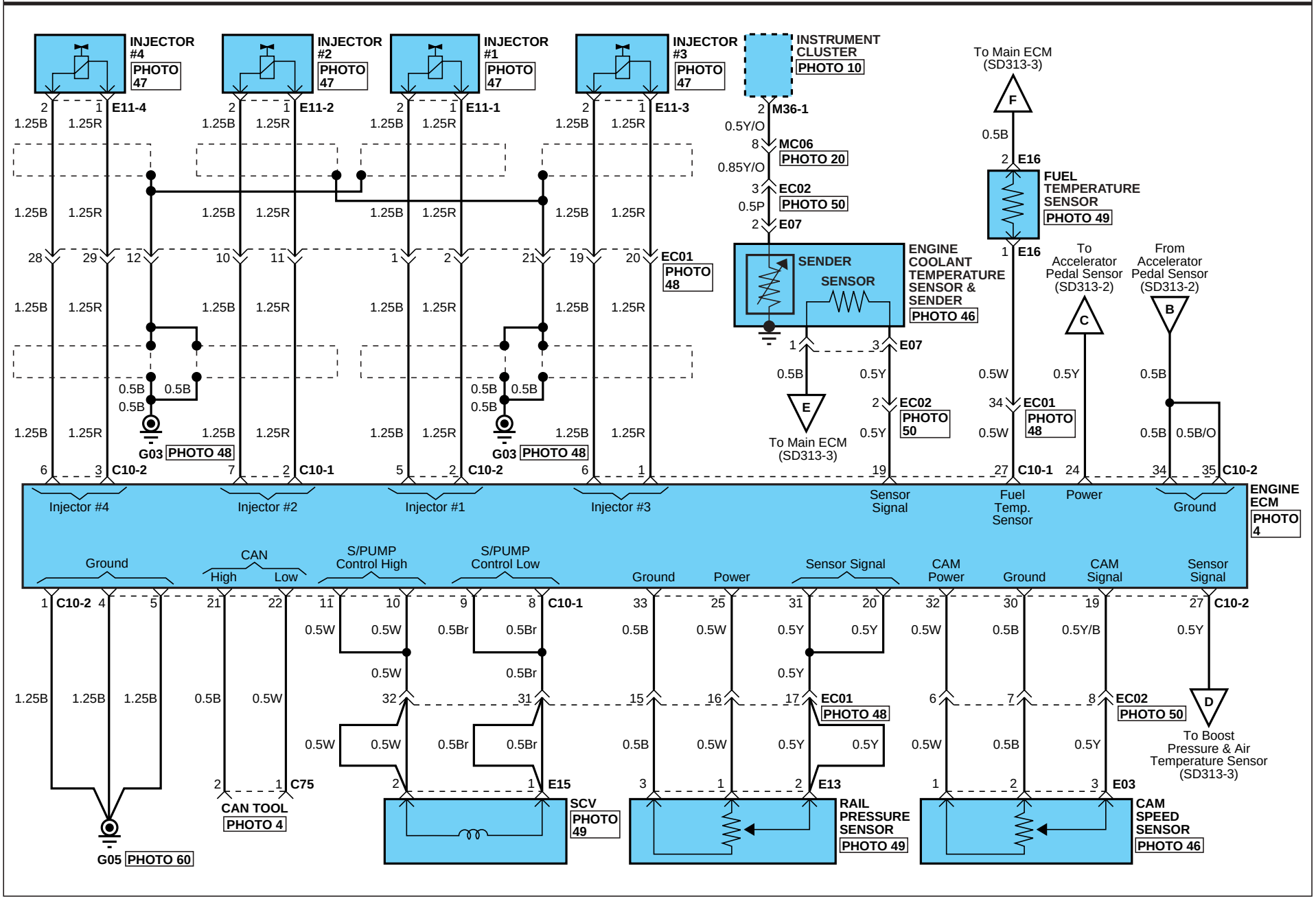


MFI CONTROL SYSTEM (D4DD) (3)



MFI CONTROL SYSTEM (D4DD) (4)

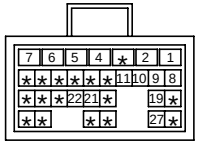
SD313-4



EVTSD7313DL

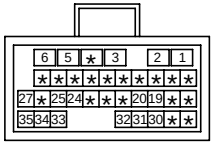
MFI CONTROL SYSTEM (D4DD) (5)

C10-1



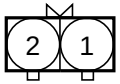
CR31F002

C10-2



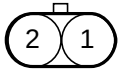
CR35F008

C11



CR02F040

C21

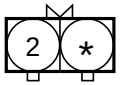


CR02F025

C22

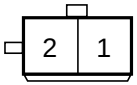
CR01F020

C42



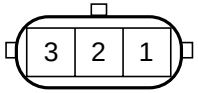
CR02F040

C75



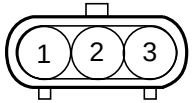
CR02F046

E03



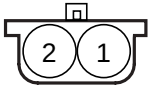
CR03F230

E07



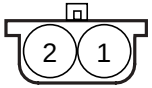
CR03M019

E11-1



CR02F152

E11-2



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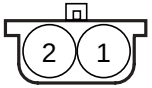
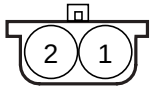
E11-3



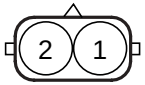
CR02F152

E11-4



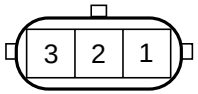
CR02F152

E12



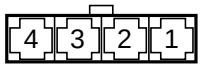
CR02F154

E13



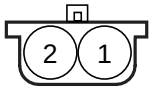
CR03F230

E14



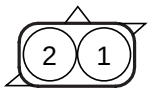
CR04F091

E15



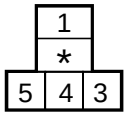
CR02F152

E16



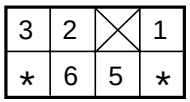
CR02F175

M15



CR05F011

M17

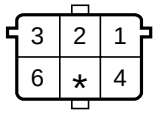


CR07F002

MFI CONTROL SYSTEM (D4DD) (6)

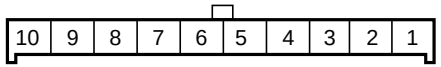
SD313-6

M32



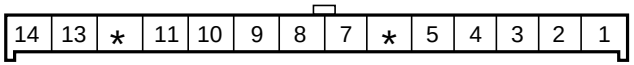
CR06F043

M36-1



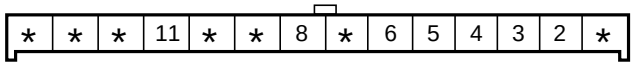
CR10F005

M36-2



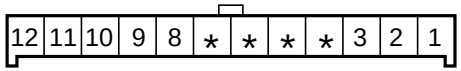
CR14F007

M36-3



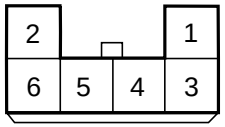
CR14F007

M36-4



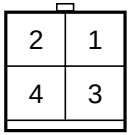
CR12F001

M39



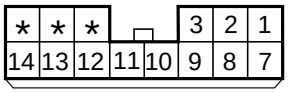
CR06F017

M41



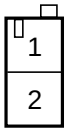
CR04F016

M43-1



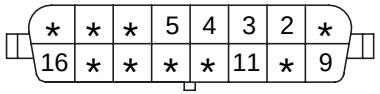
CR14F019

M49



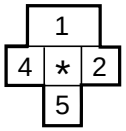
CR02F187

M72



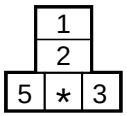
CR16F044

M91



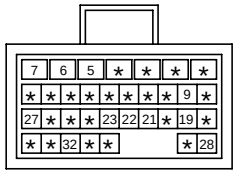
CR05F019

M94



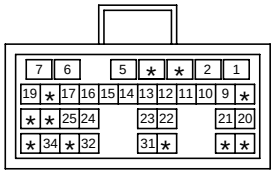
CR05F011

M99-1



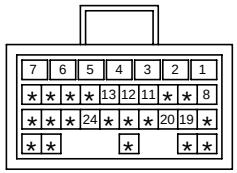
CR34F003

M99-2



CR35F009

M99-3



CR32F004

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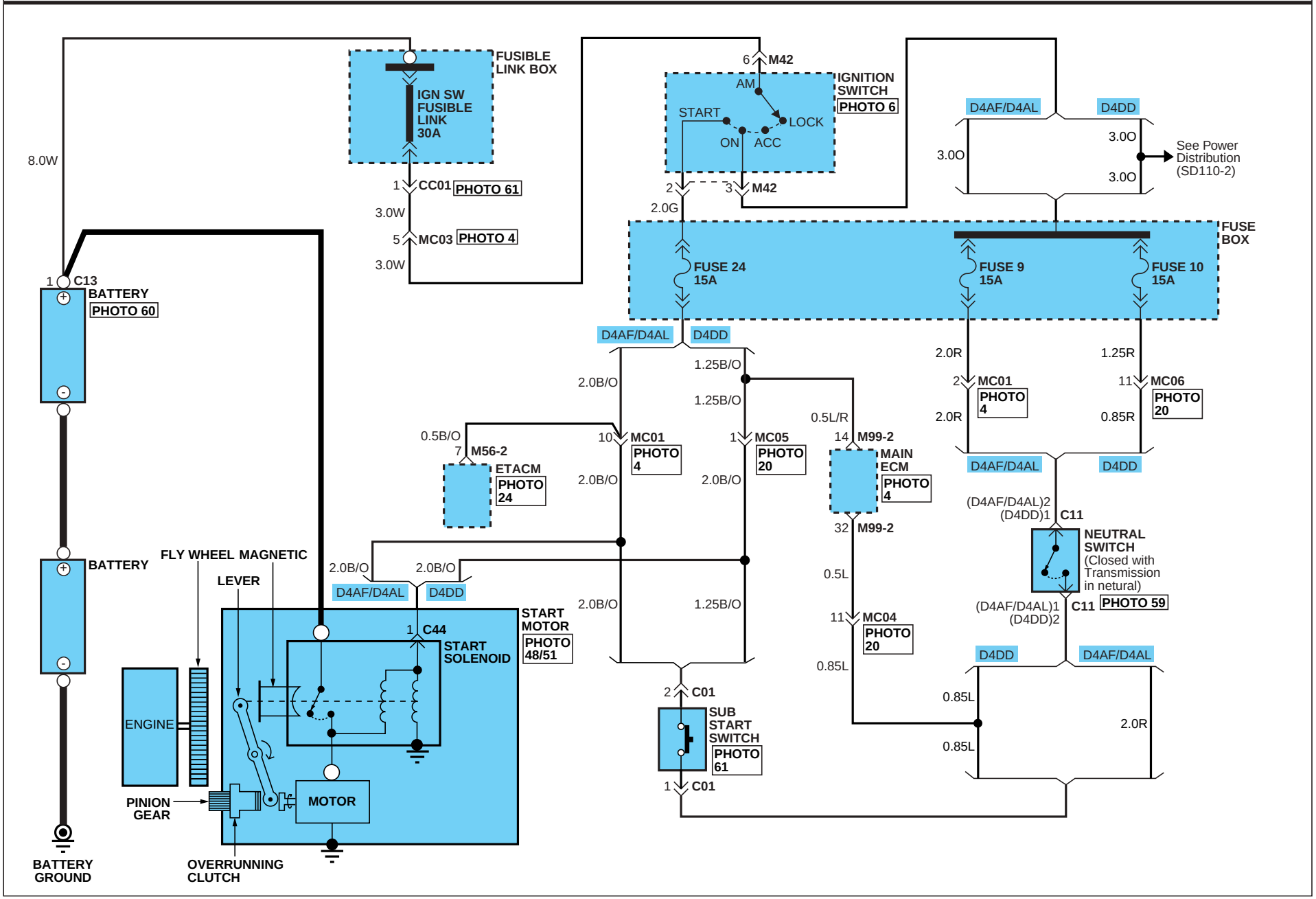
STARTING SYSTEM (1)

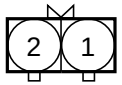
SD360-1



STARTING SYSTEM (2)

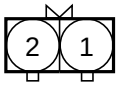
SD360-2

C01



CR02F040

C11



CR02F040

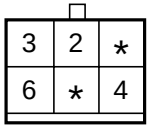
C13

CR01F002

C44

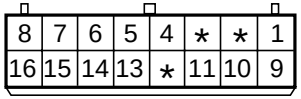
CR01F035

M42



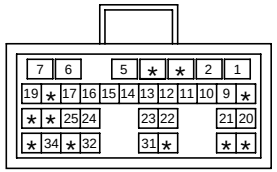
CR06F014

M56-2(D4AF/D4AL)



CR16F002

M99-2



CR35F009

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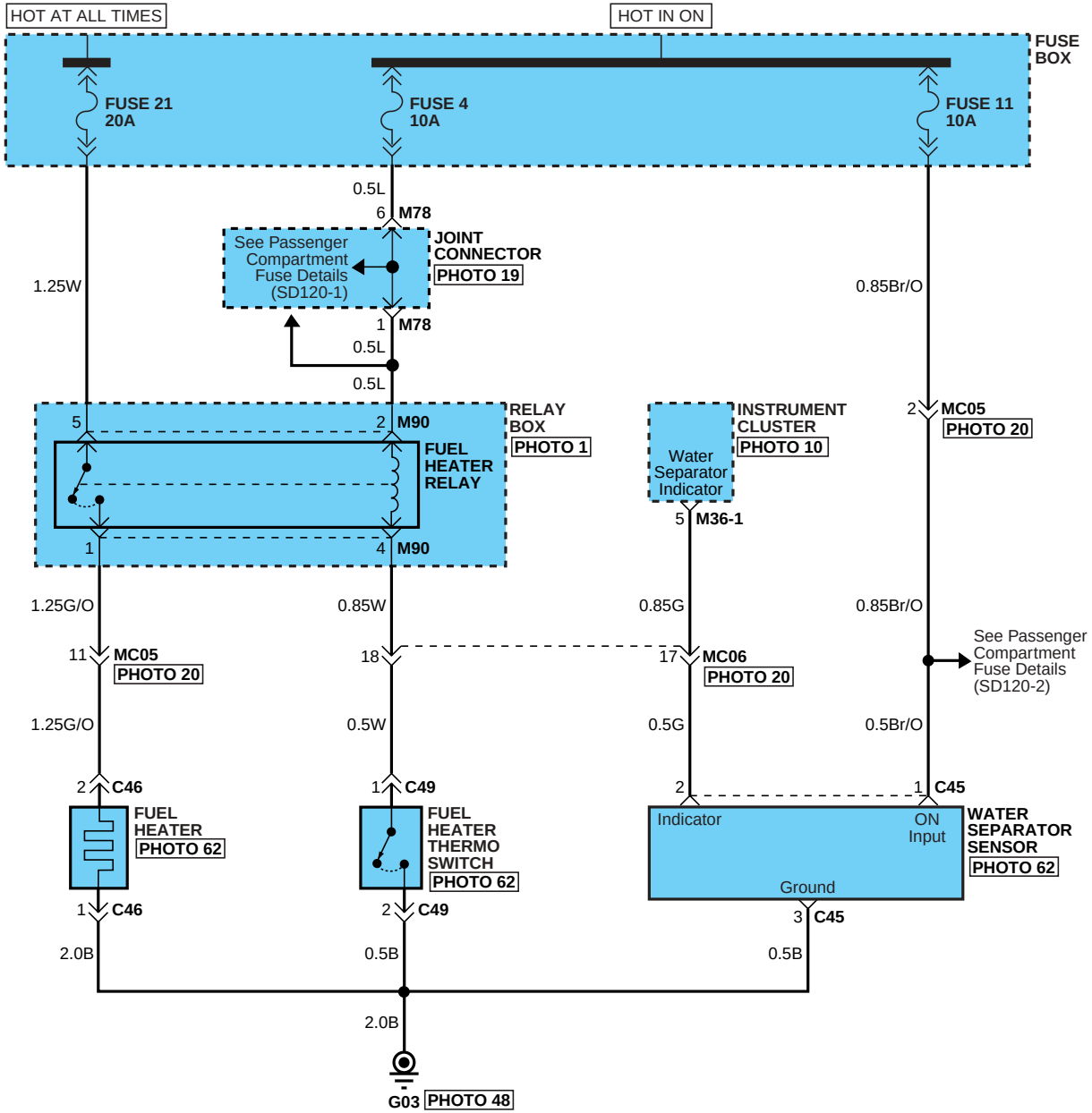
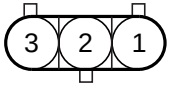
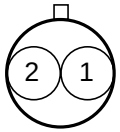
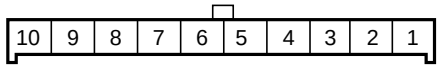
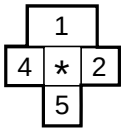
FUEL FILTER HEATING SYSTEM (D4DD) (1)

SD361-1



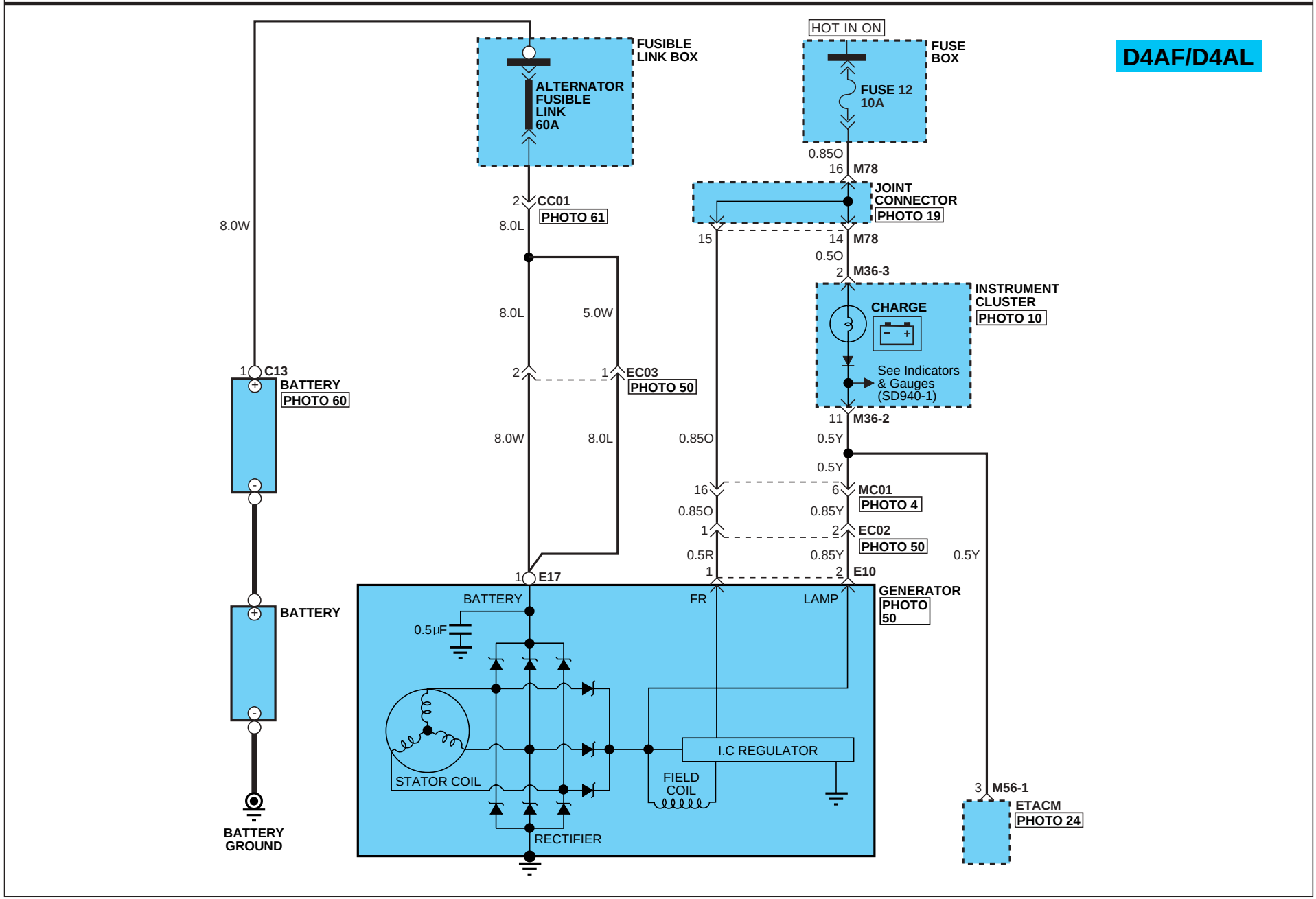
FUEL FILTER HEATING SYSTEM (D4DD) (2)

SD361-2

C45	C46	C49	M36-1
 CR03F083	CR02F156	 CR02F155	 CR10F005
M90			
 CR05F019	BLANK	BLANK	BLANK

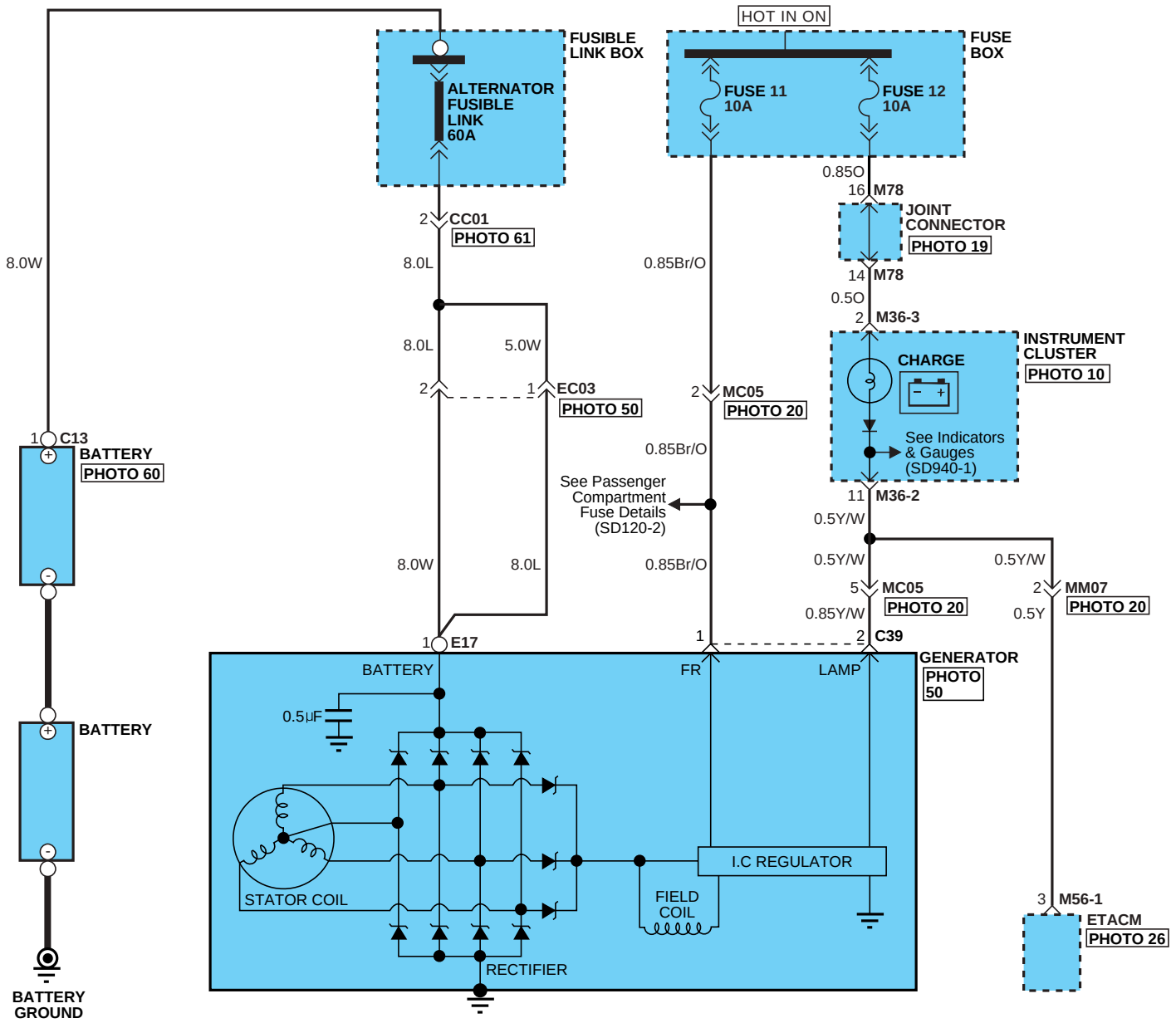
CHARGING SYSTEM (1)

SD373-1



CHARGING SYSTEM (2)

SD373-2



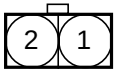
CHARGING SYSTEM (3)

SD373-3

C13

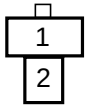
CR01F002

C39



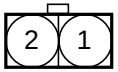
CR02F002

E10(D4AF)



CR02F012

E10(D4AL)

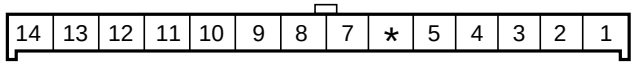


CR02F002

E17

CR01F002

M36-2(D4AF/D4AL)



CR14F007

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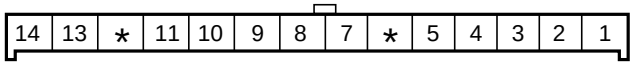
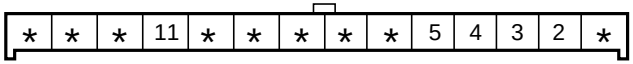
M36-2(D4DD)



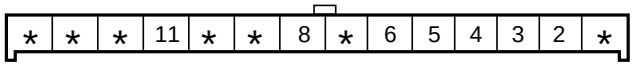
CR14F007

M36-3(D4AF/D4AL)



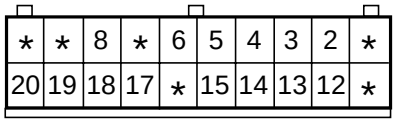
CR14F007

M36-3(D4DD)



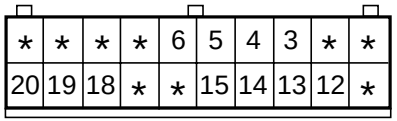
CR14F007

M56-1(D4AF/D4AL)



CR20F001

M56-1(D4DD)



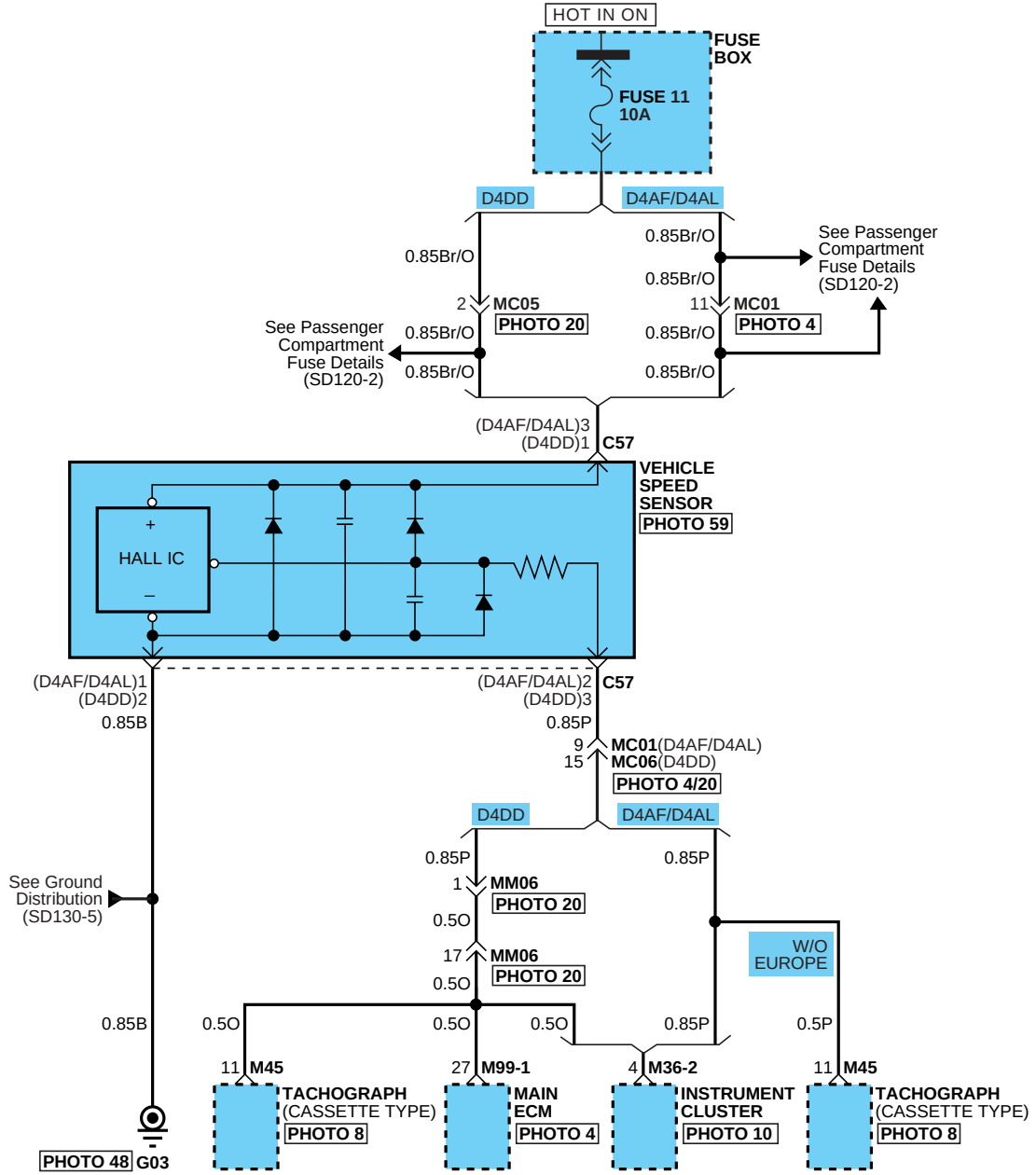
CR20F001

CHARGING SYSTEM (4)

MEMO

VEHICLE SPEED SENSOR SYSTEM (1)

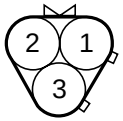
SD436-1



VEHICLE SPEED SENSOR SYSTEM (2)

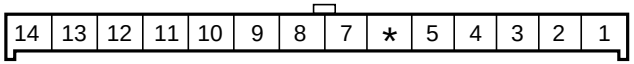
SD436-2

C57



CR03F020

M36-2(D4AF/D4AL)



CR14F007

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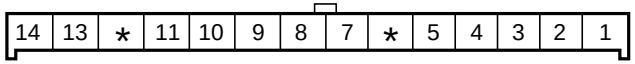
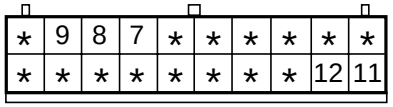
M36-2(D4DD)



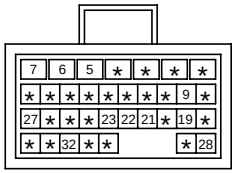
CR14F007

M45



CR20F001

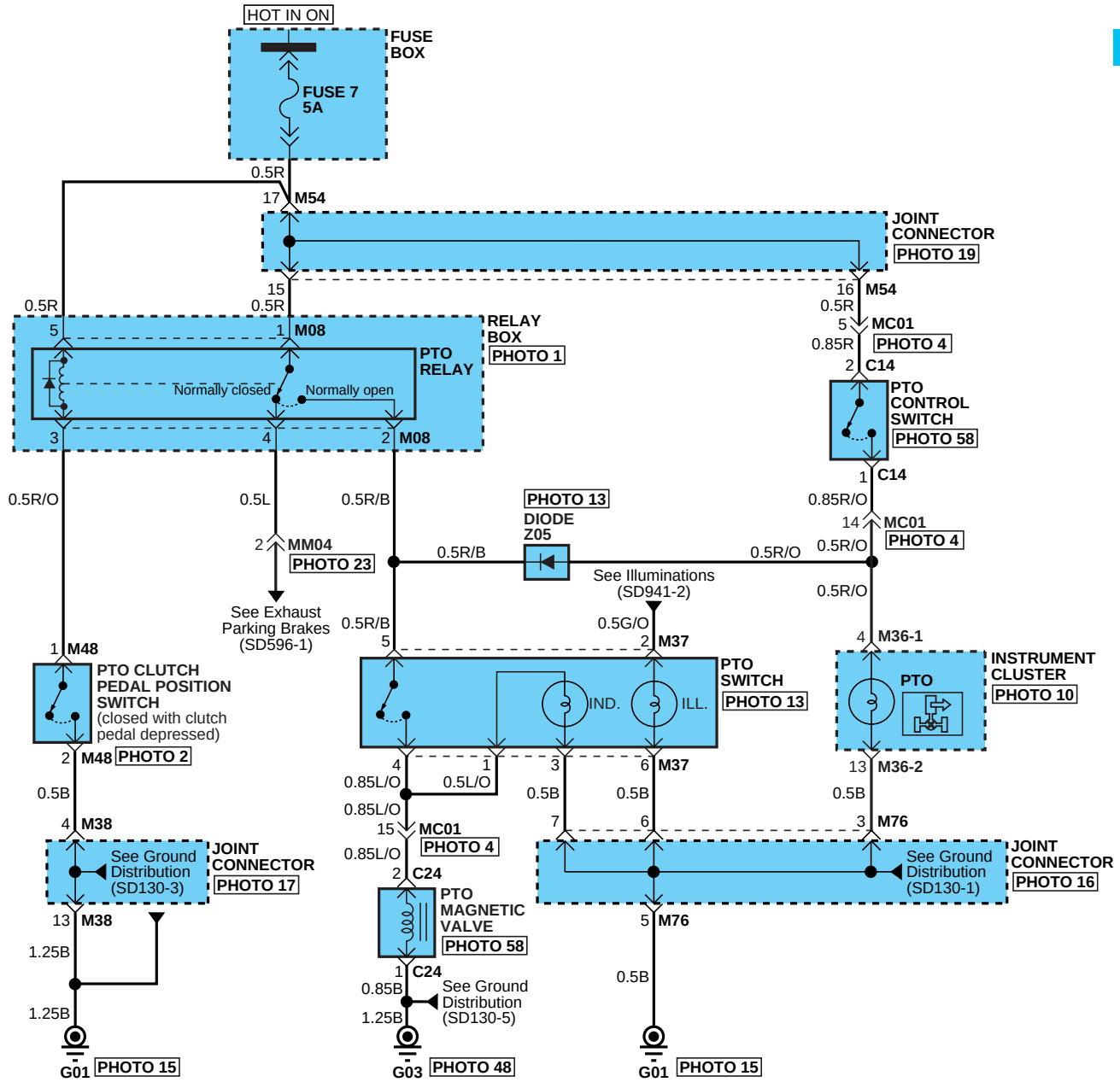
M99-1



CR34F003

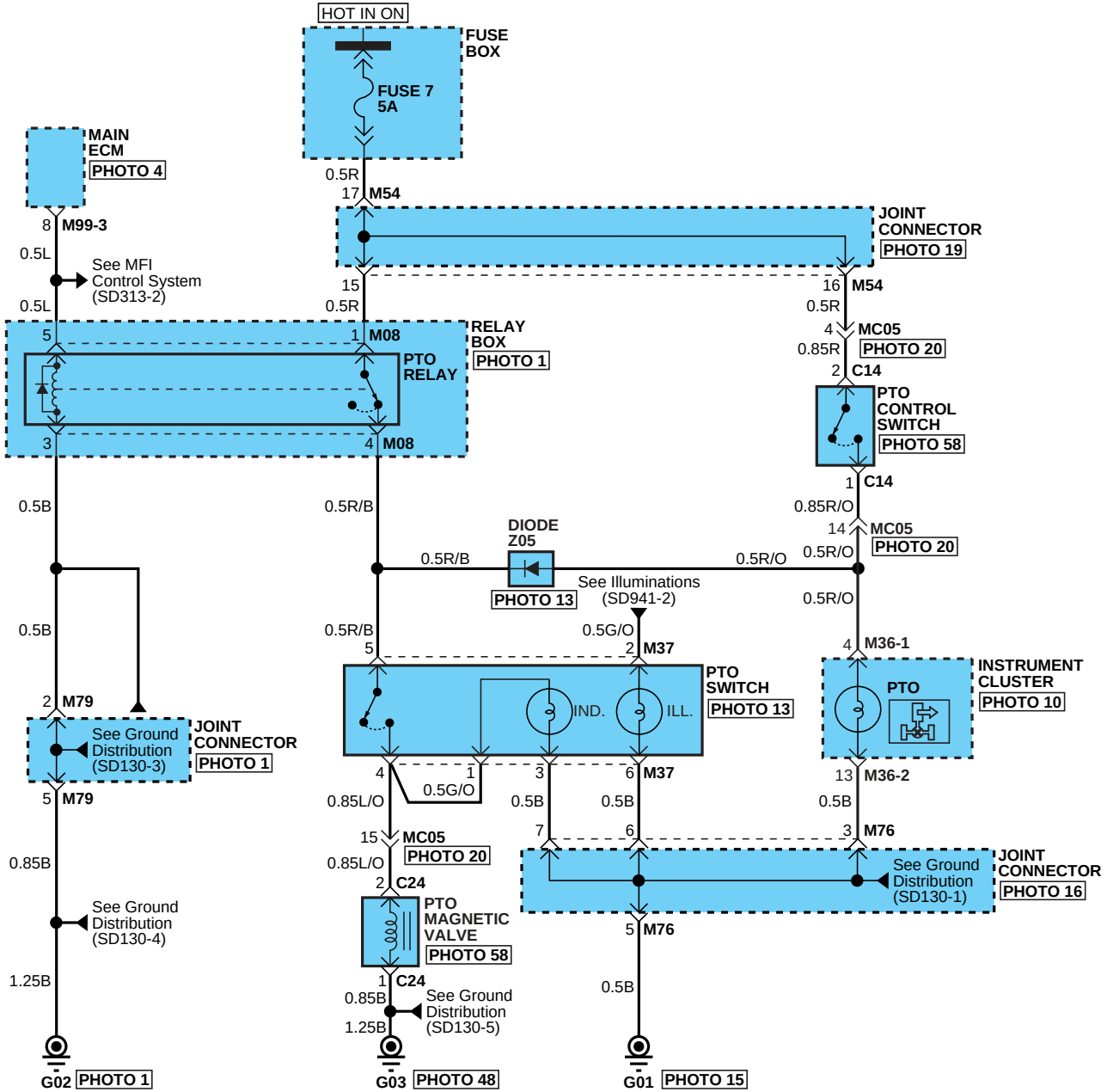
P.T.O CONTROL SYSTEM (1)

SD471-1



P.T.O CONTROL SYSTEM (2)

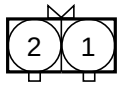
SD471-2



P.T.O CONTROL SYSTEM (3)

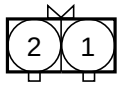
SD471-3

C14



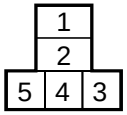
CR02F040

C24



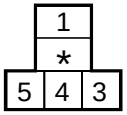
CR02F040

M08(D4AF/D4AL)



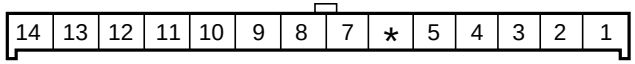
CR05F011

M08(D4DD)



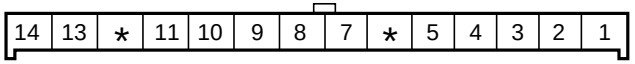
CR05F011

M36-2(D4AF/D4AL)



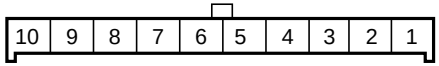
CR14F007

M36-2(D4DD)



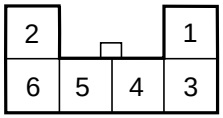
CR14F007

M36-1



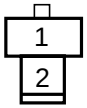
CR10F005

M37



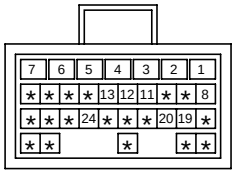
CR06F003

M48



CR02F051

M99-3

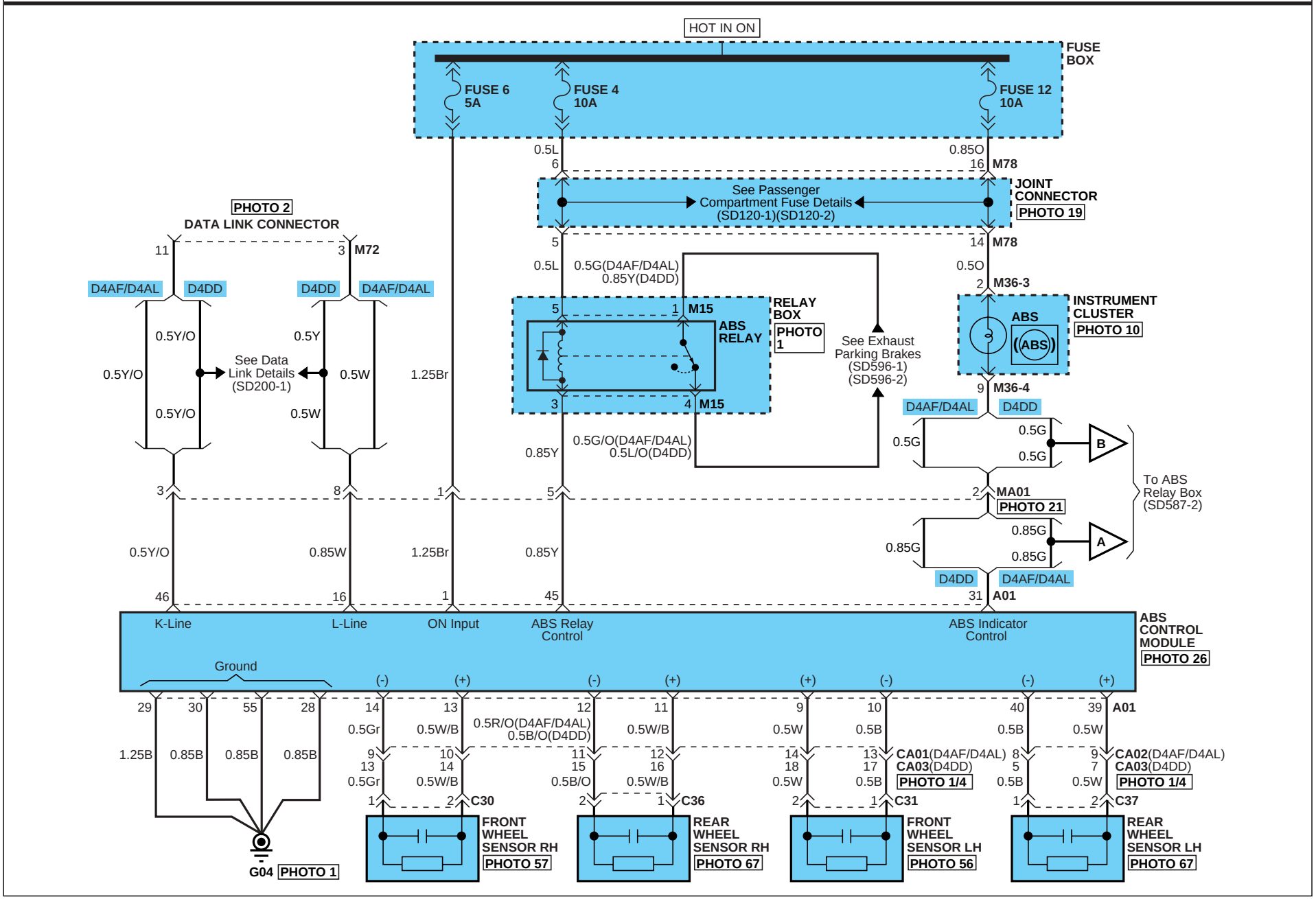


CR32F004

P.T.O CONTROL SYSTEM (4)

MEMO

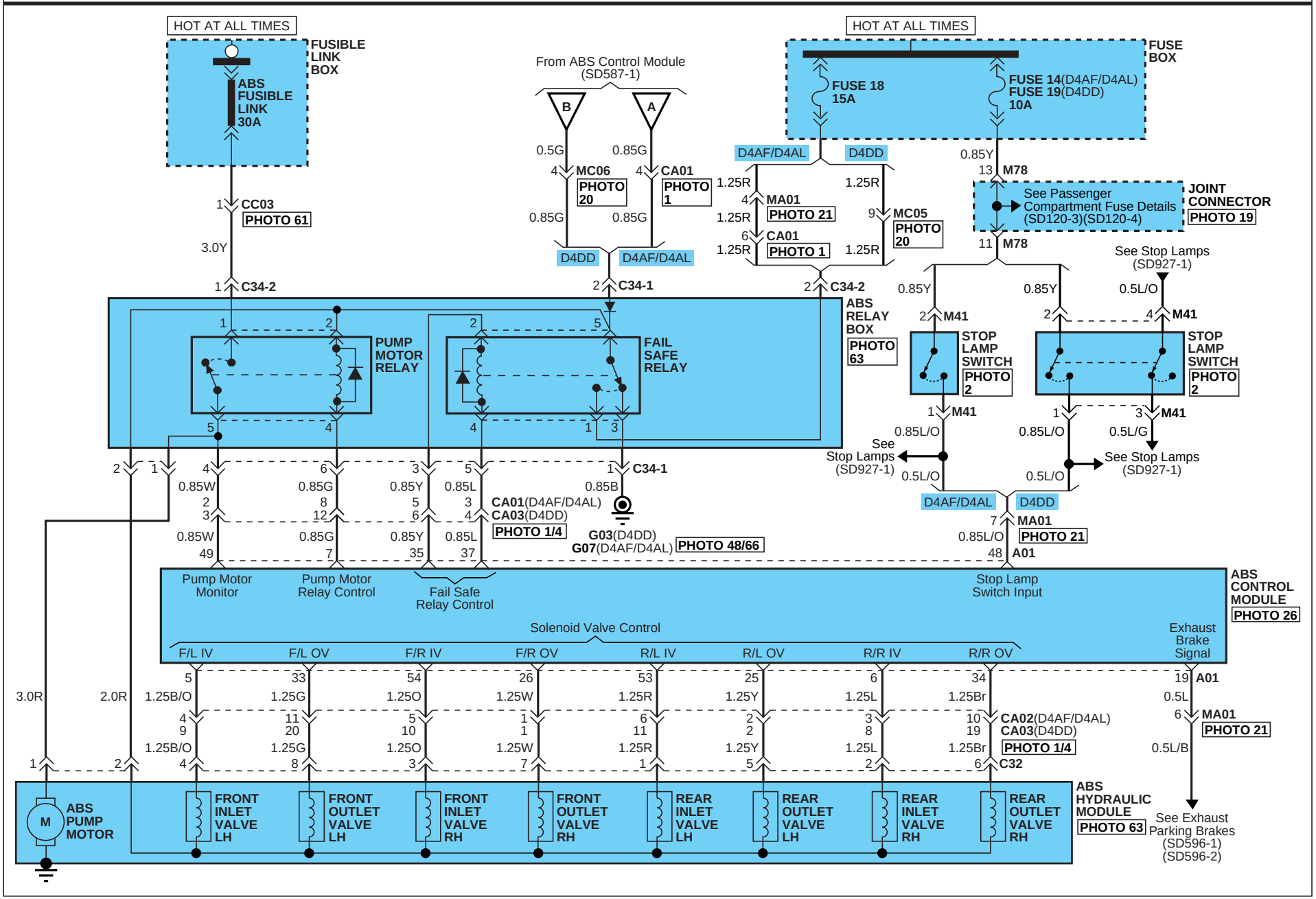
ABS CONTROL SYSTEM (1) SD587-1



EVTSD7587AL

ABS CONTROL SYSTEM (2)

SD587-2

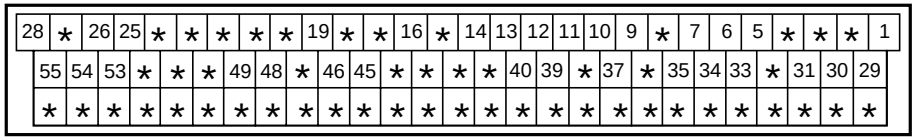


EVTSD7587BL

ABS CONTROL SYSTEM (3)

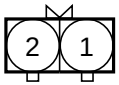
SD587-3

A01



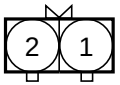
CR55F005

C30



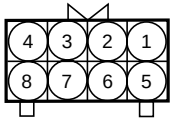
CR02F040

C31



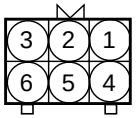
CR02F040

C32



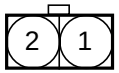
CR08F021

C34-1



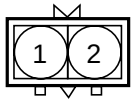
CR06F016

C34-2



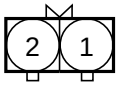
CR02F002

C36



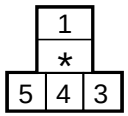
CR02M017

C37



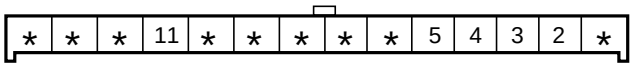
CR02F040

M15



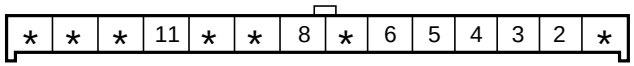
CR05F011

M36-3(D4AF/D4AL)



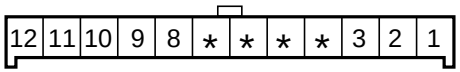
CR14F007

M36-3(D4DD)



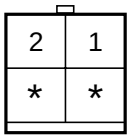
CR14F007

M36-4



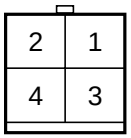
CR12F001

M41(D4AF/D4AL)



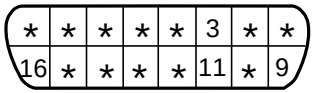
CR04F016

M41(D4DD)



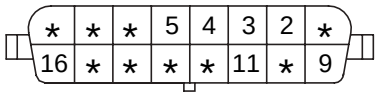
CR04F016

M72(D4AF/D4AL)



CR16F007

M72(D4DD)



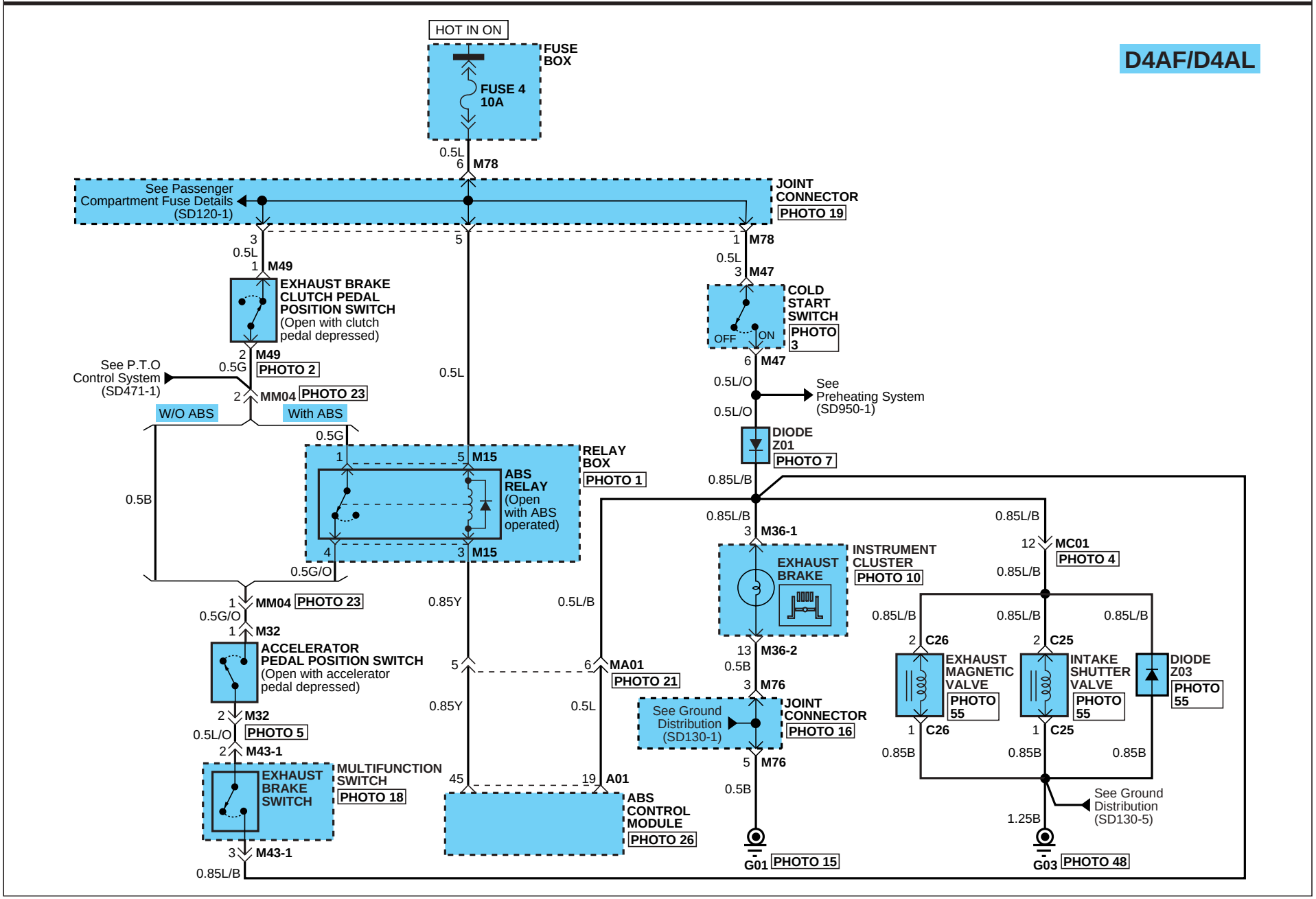
CR16F044

ABS CONTROL SYSTEM (4)

MEMO

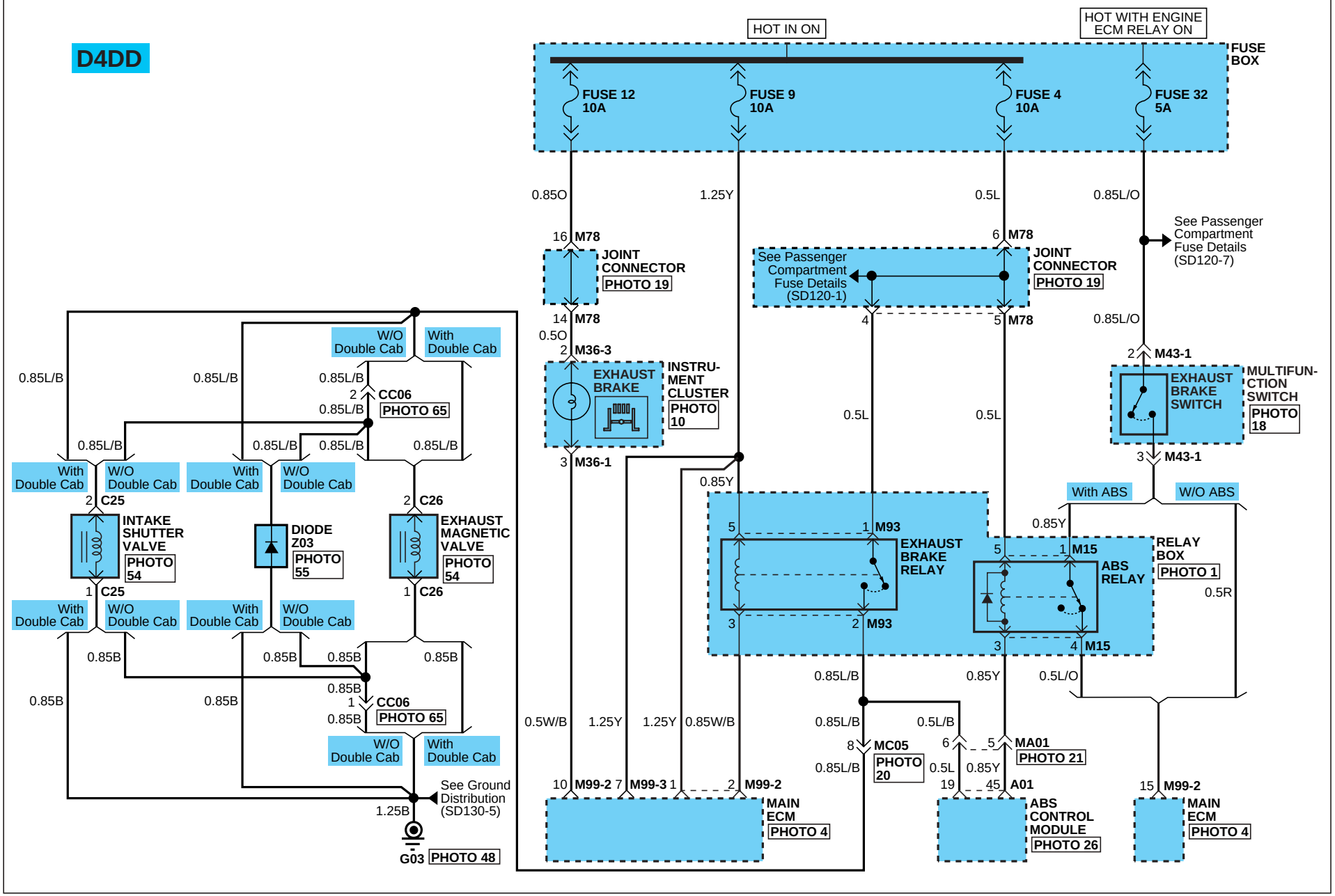
EXHAUST PARKING BRAKES (1)

SD596-1



EXHAUST PARKING BRAKES (2)

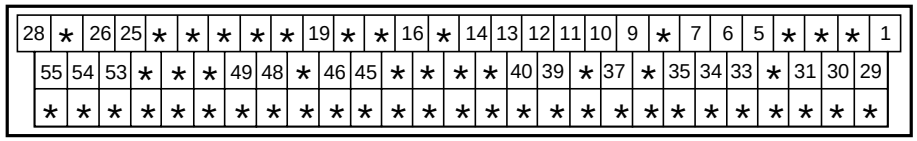
SD596-2



EXHAUST PARKING BRAKES (3)

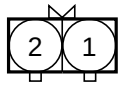
SD596-3

A01



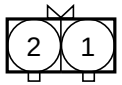
CR55F005

C25



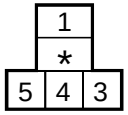
CR02F040

C26



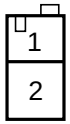
CR02F040

M15



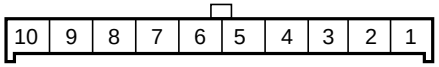
CR05F011

M32



CR02F187

M36-1



CR10F005

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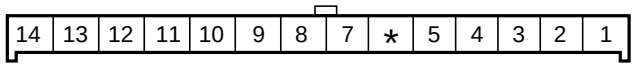
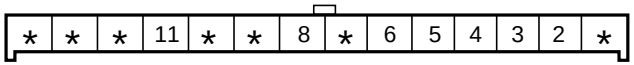
M36-2(D4AF/D4AL)



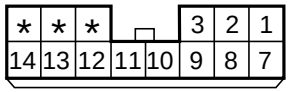
CR14F007

M36-3(D4DD)



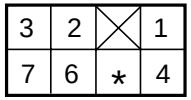
CR14F007

M43-1



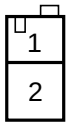
CR14F019

M47



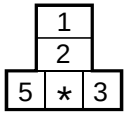
CR07F002

M49



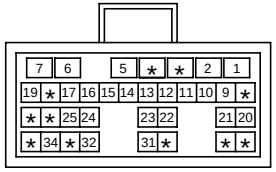
CR02F187

M93



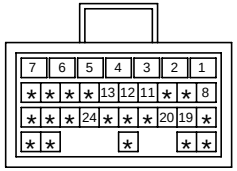
CR05F011

M99-2



CR35F009

M99-3



CR32F004

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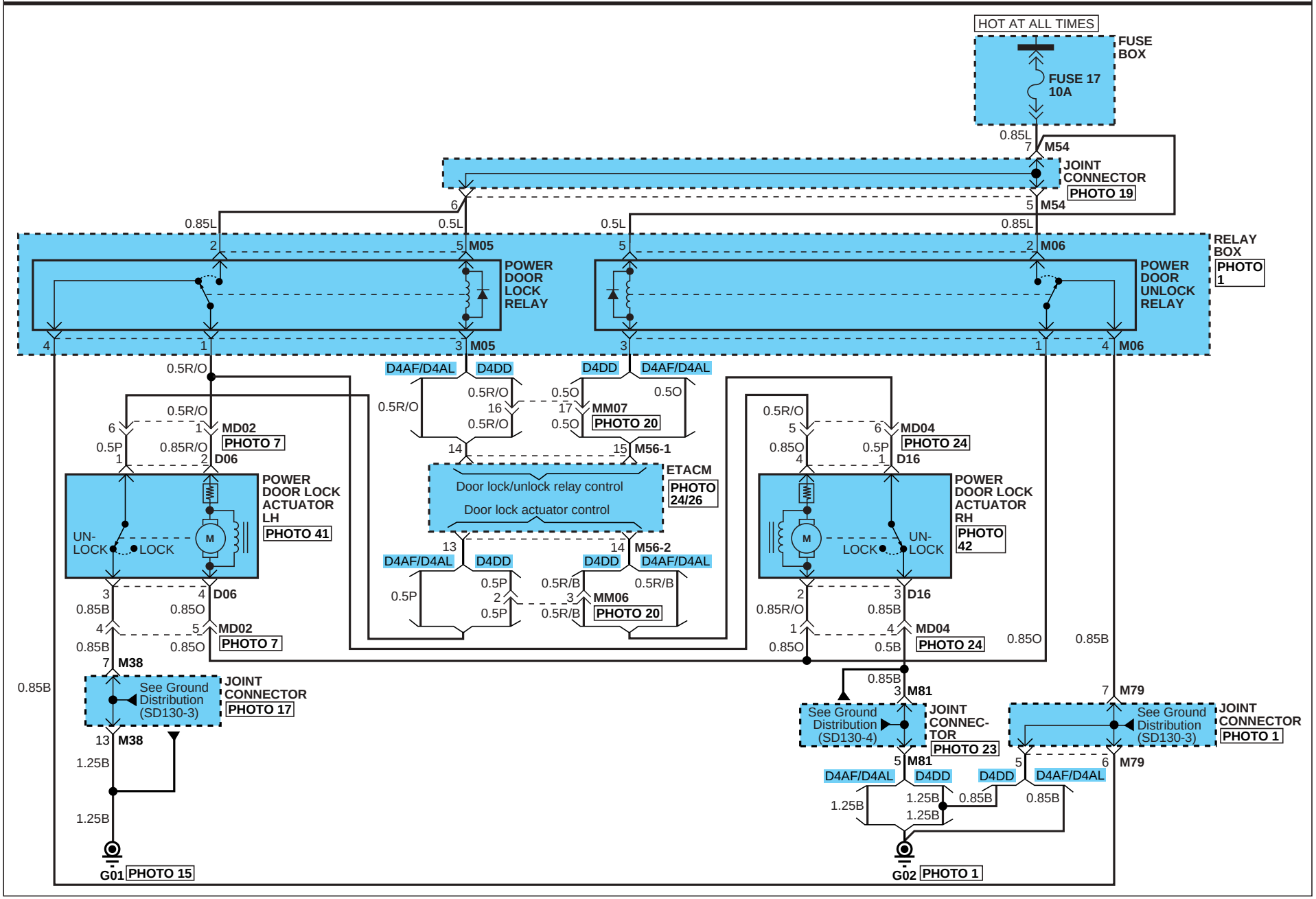
EXHAUST PARKING BRAKES (4)

MEMO

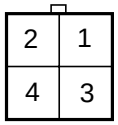
POWER DOOR LOCKS (1) SD813-1



POWER DOOR LOCKS (2)

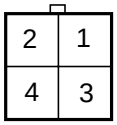
SD813-2

D06



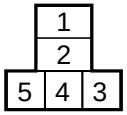
CR04F001

D16



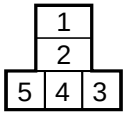
CR04F001

M05



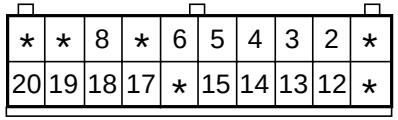
CR05F011

M06



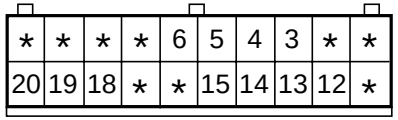
CR05F011

M56-1(D4AF/D4AL)



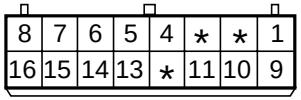
CR20F001

M56-1(D4DD)



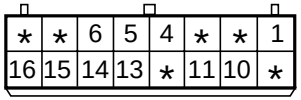
CR20F001

M56-2(D4AF/D4AL)



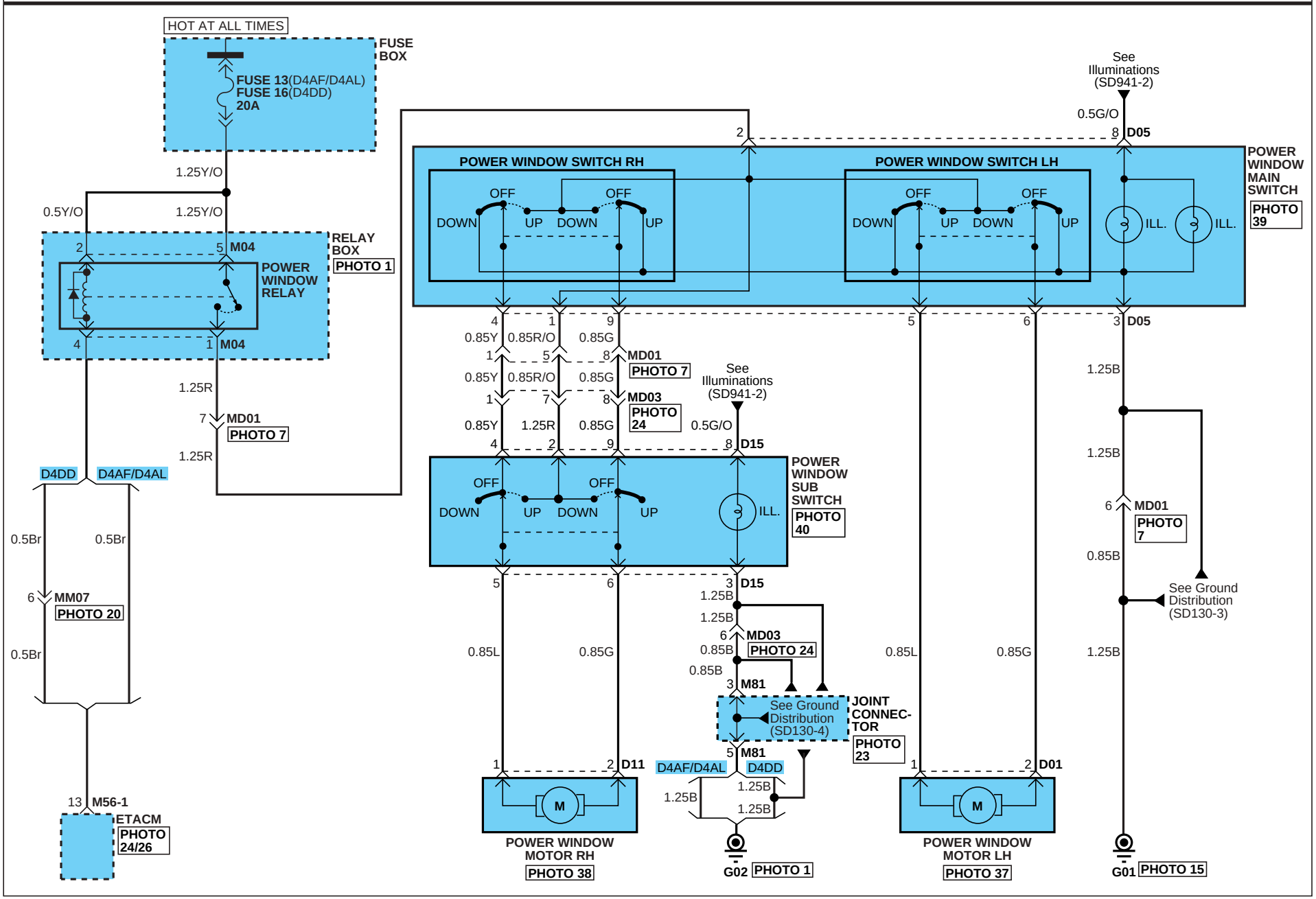
CR16F002

M56-2(D4DD)



CR16F002

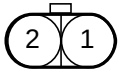
POWER WINDOWS (1) SD824-1



POWER WINDOWS (2)

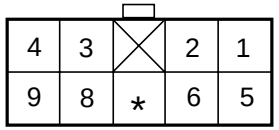
SD824-2

D01



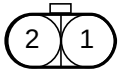
CR02F001

D05



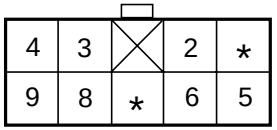
CR09F001

D11



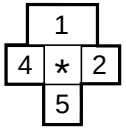
CR02F011

D15



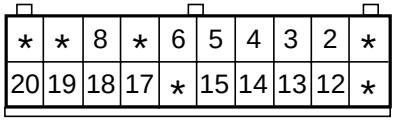
CR09F001

M04



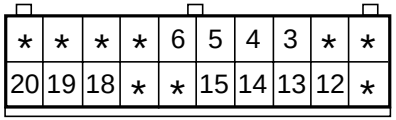
CR05F019

M56-1(D4AF/D4AL)



CR20F001

M56-1(D4DD)



CR20F001

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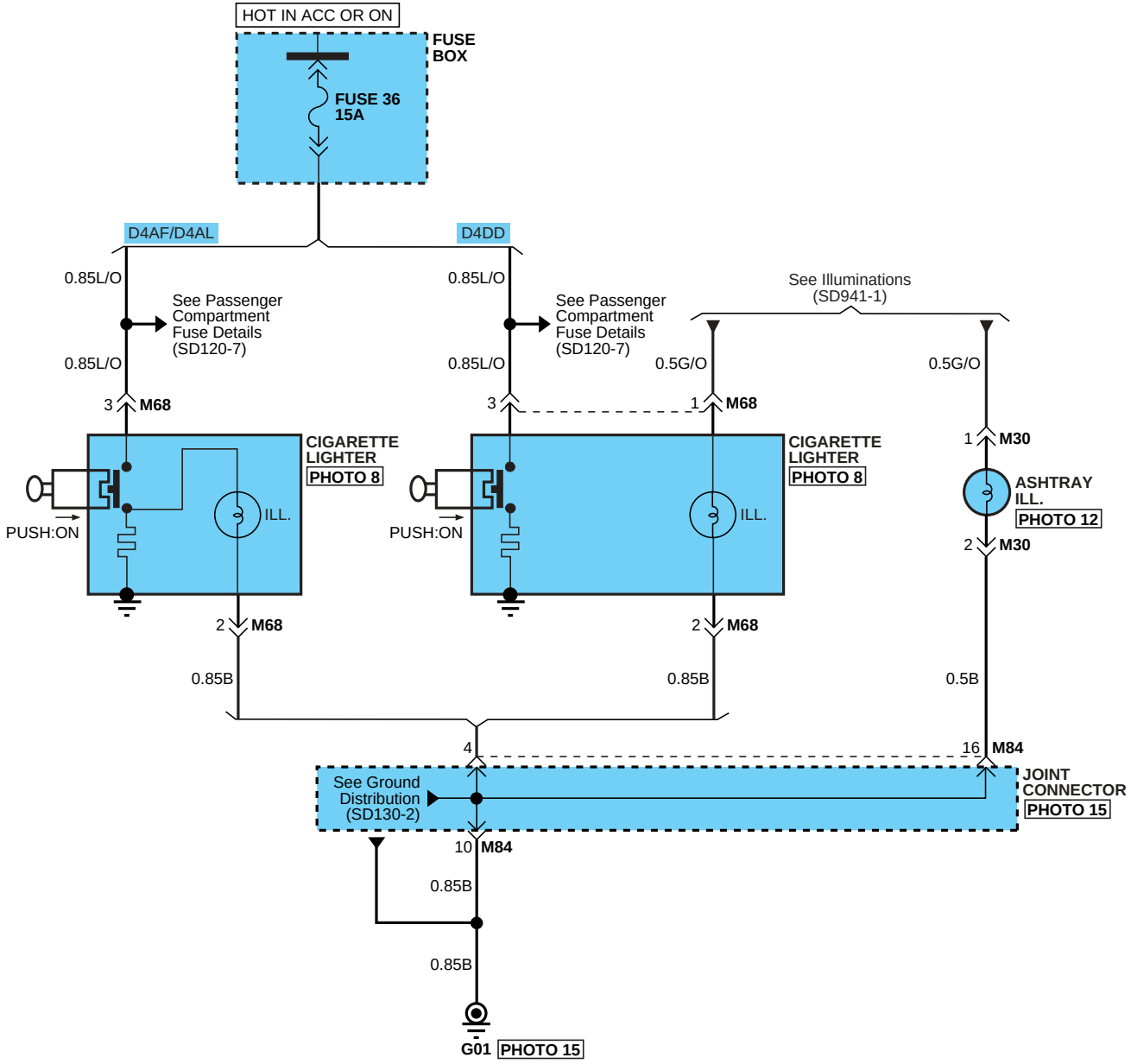
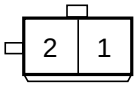
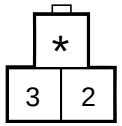
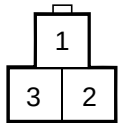
CIGARETTE LIGHTER (1)

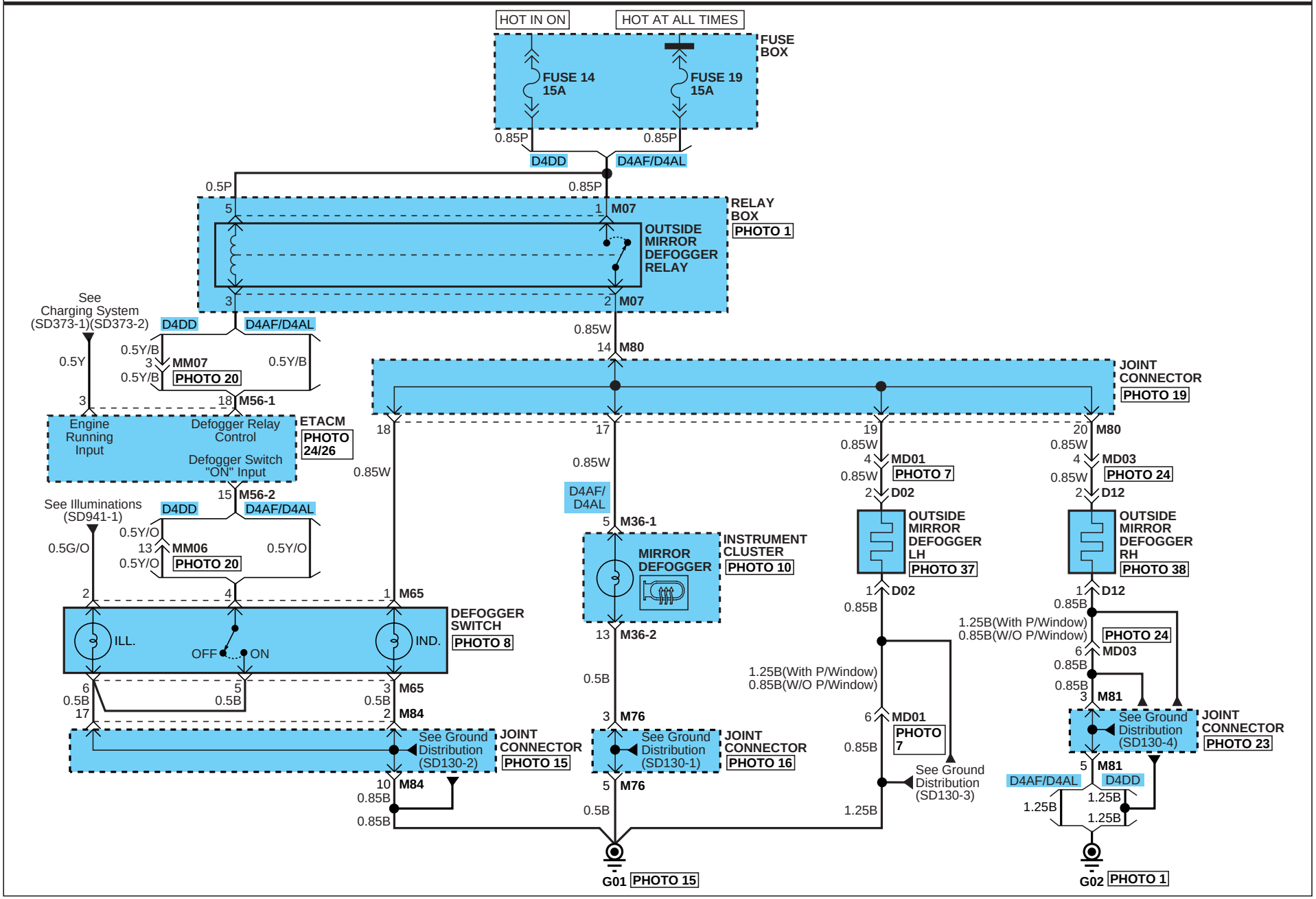
SD846-1



CIGARETTE LIGHTER (2)

M30	M68(D4AF/D4AL)	M68(D4DD)	BLANK
 CR02F046	 CR03F005	 CR03F005	

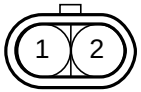
OUTSIDE MIRROR DEFOGGER (1) SD879-1



OUTSIDE MIRROR DEFOGGER (2)

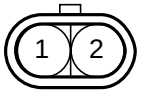
SD879-2

D02



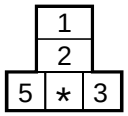
CR02M002

D12



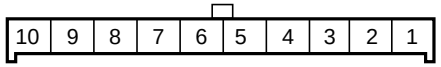
CR02M002

M07



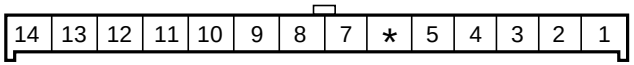
CR05F011

M36-1



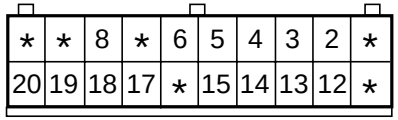
CR10F005

M36-2(D4AF/D4AL)



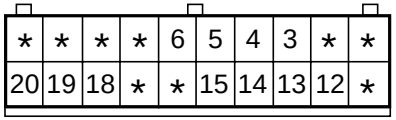
CR14F007

M56-1(D4AF/D4AL)



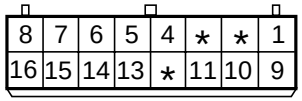
CR20F001

M56-1(D4DD)



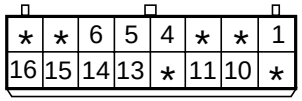
CR20F001

M56-2(D4AF/D4AL)



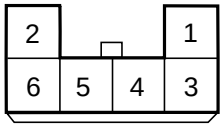
CR16F002

M56-2(D4DD)



CR16F002

M65



CR06F017

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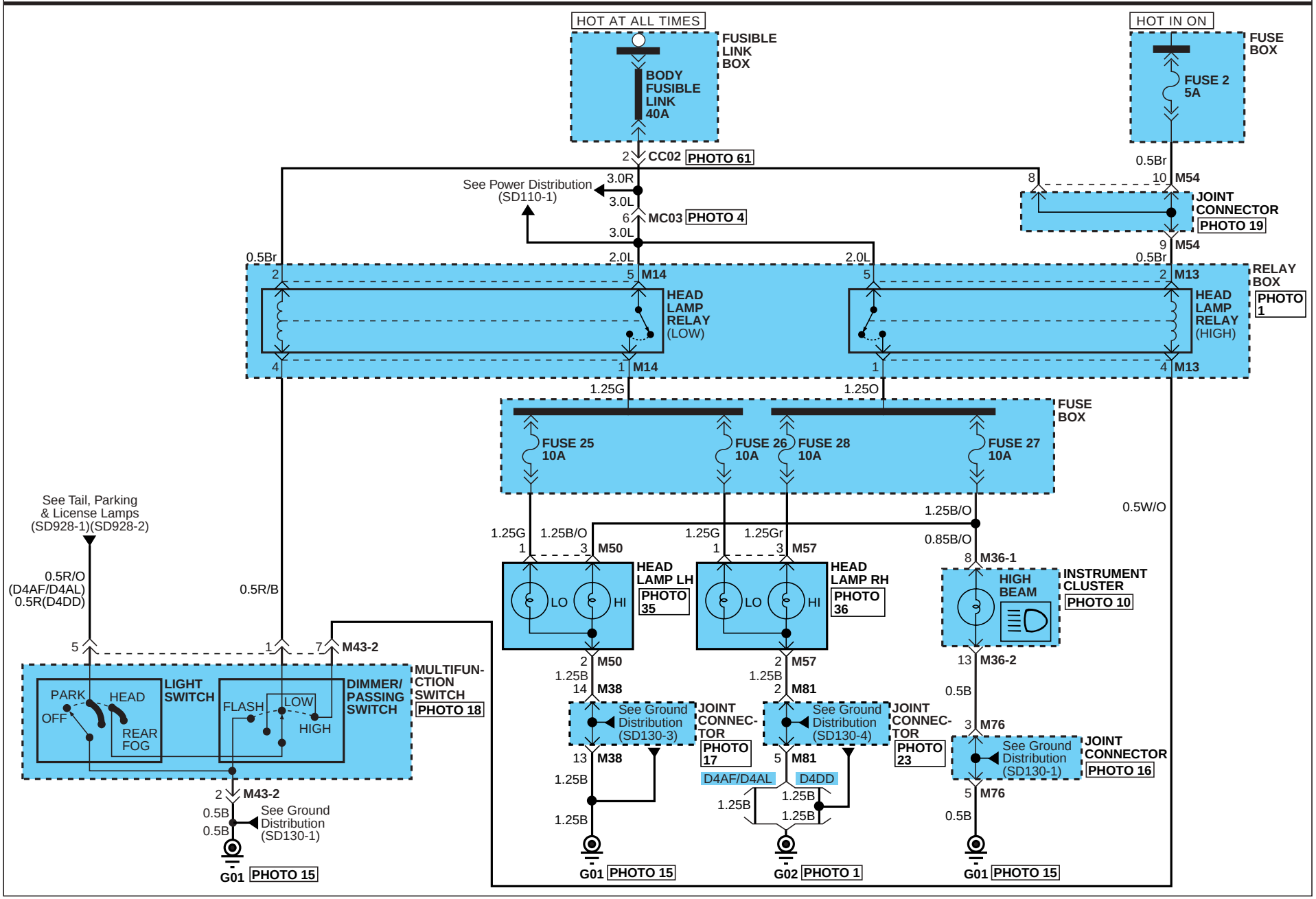
HEAD LAMPS (1)

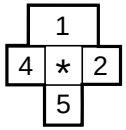
SD921-1



HEAD LAMPS (2)

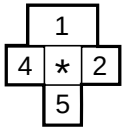
SD921-2

M13



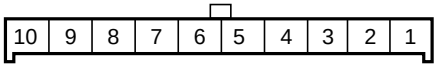
CR05F019

M14



CR05F019

M36-1



CR10F005

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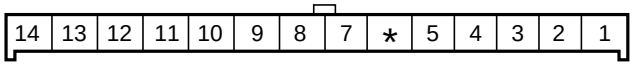
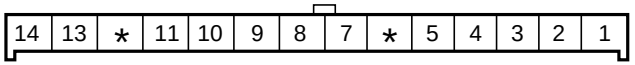
M36-2(D4AF/D4AL)



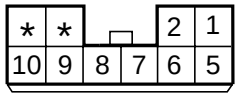
CR14F007

M36-2(D4DD)



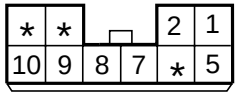
CR14F007

M43-2(D4AF/D4AL)



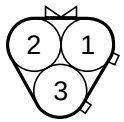
CR10F014

M43-2(D4DD)



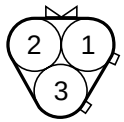
CR10F014

M50



CR03F020

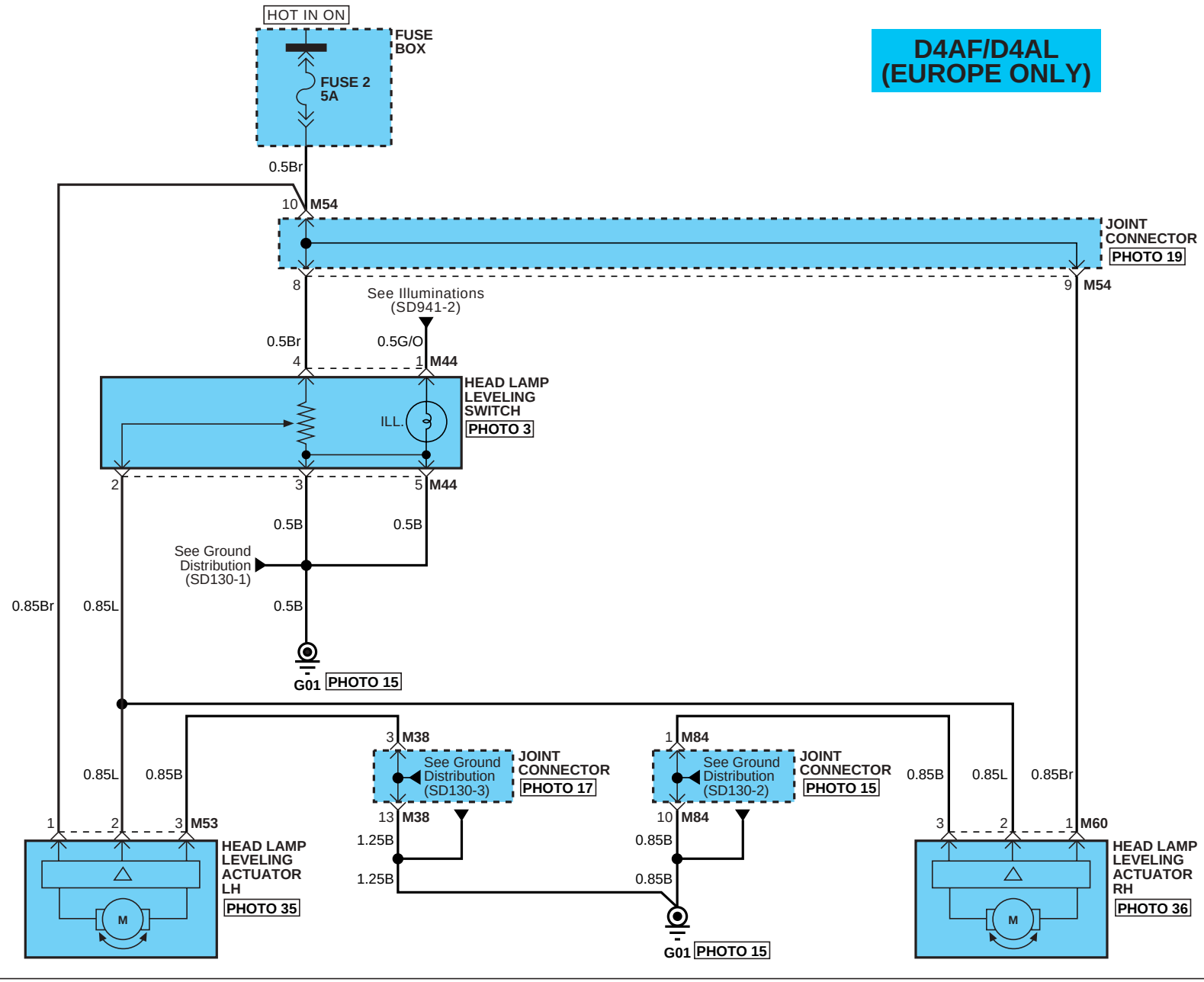
M57



CR03F020

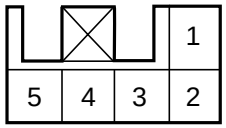
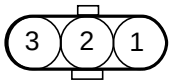
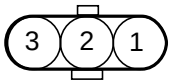
HEAD LAMP LEVELING DEVICE (1)

SD922-1

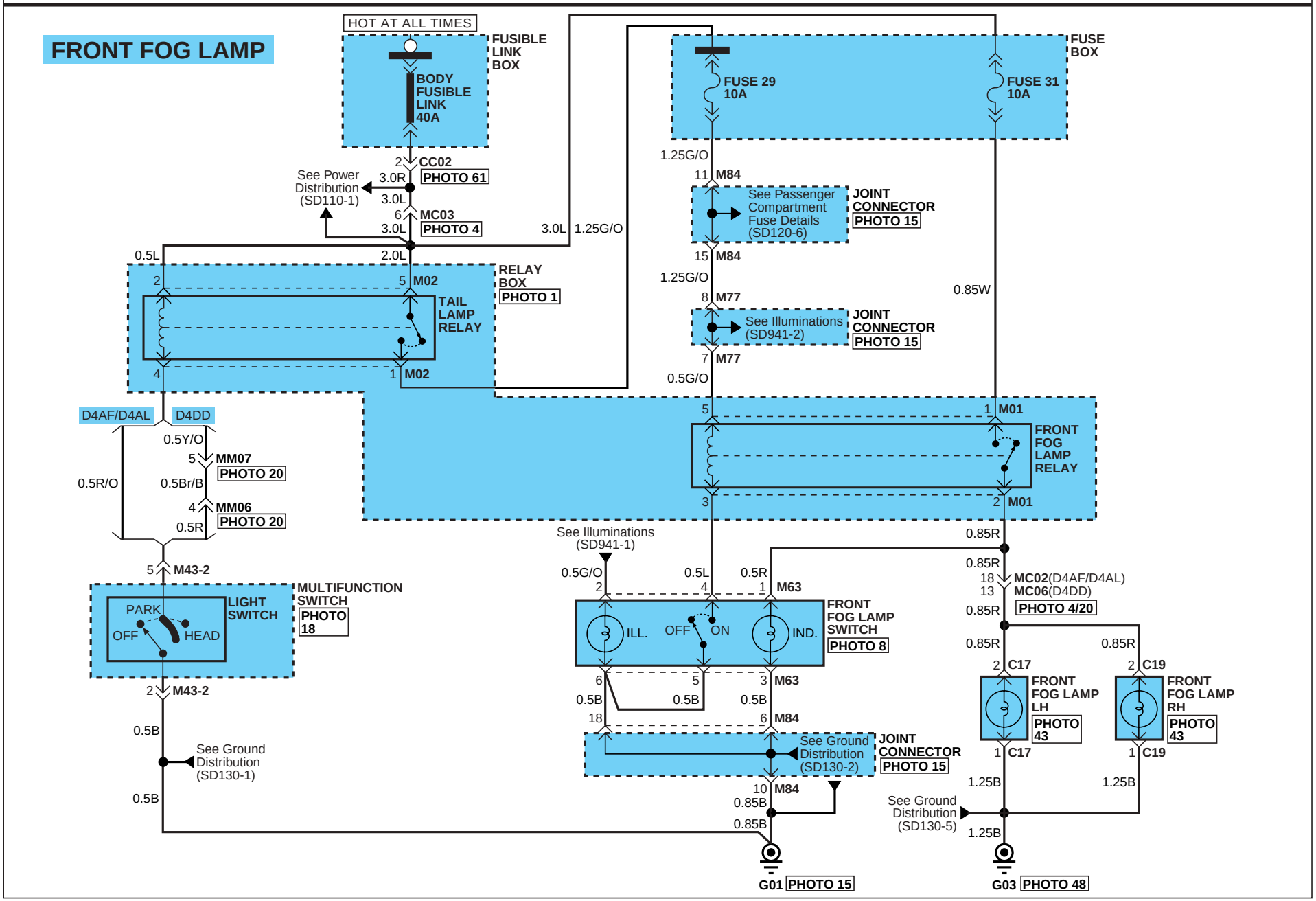


HEAD LAMP LEVELING DEVICE (2)

SD922-2

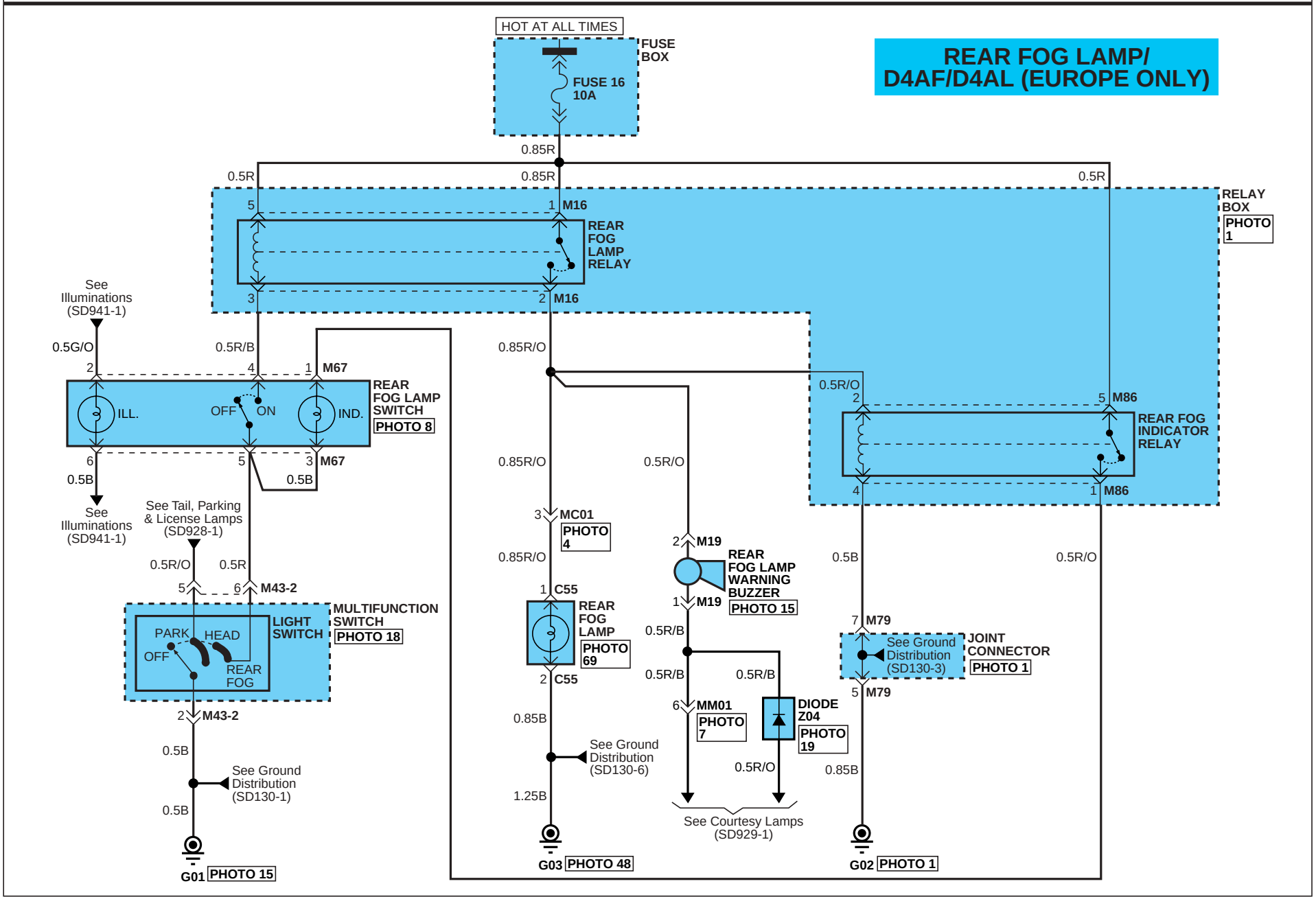
M44	M53	M60	
 CR05F013	 CR03F001	 CR03F001	**BLANK**

FOG LAMPS (1) SD924-1



FOG LAMPS (2)

SD924-2

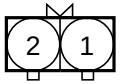


EVTSD7924BL

FOG LAMPS (3)

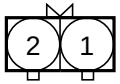
SD924-3

C17



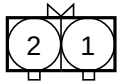
CR02F040

C19



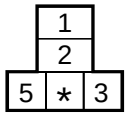
CR02F040

C55



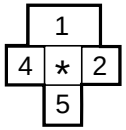
CR02F040

M01



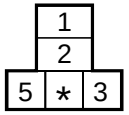
CR05F011

M02



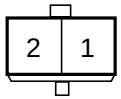
CR05F019

M16



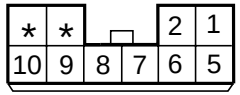
CR05F011

M19



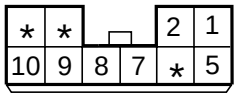
CR02F049

M43-2(D4AF/D4AL)



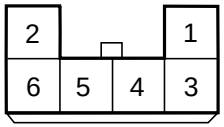
CR10F014

M43-2(D4DD)



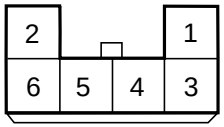
CR10F014

M63



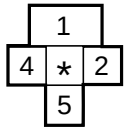
CR06F017

M67



CR06F017

M86

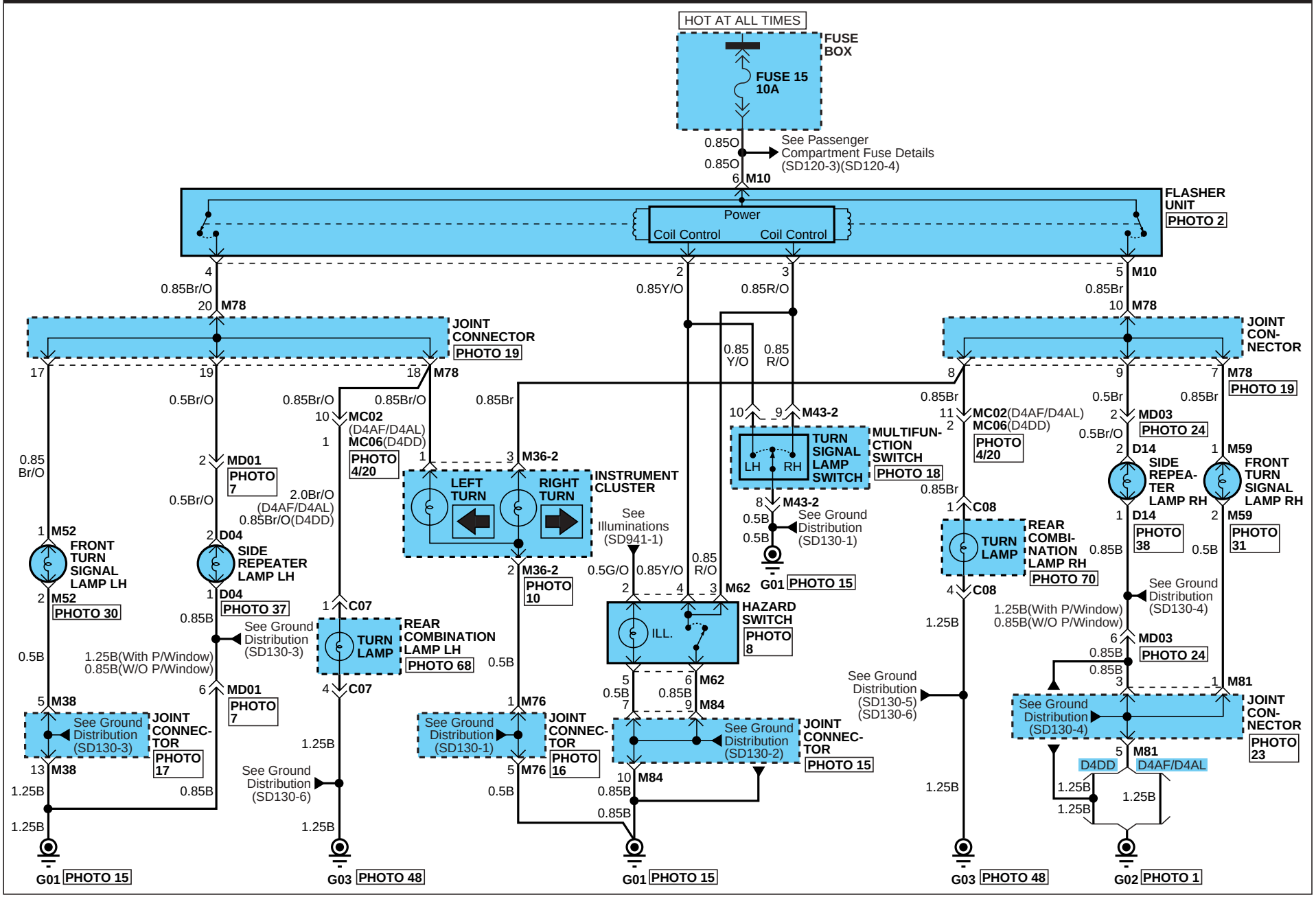


CR05F019

FOG LAMPS (4)

MEMO

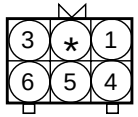
TURN & HAZARD LAMPS (1) SD925-1



TURN & HAZARD LAMPS (2)

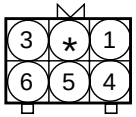
SD925-2

C07



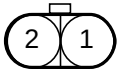
CR06F016

C08



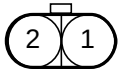
CR06F016

D04



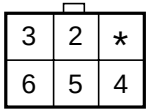
CR02F001

D14



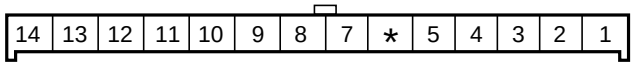
CR02F001

M10



CR06F002

M36-2(D4AF/D4AL)



CR14F007

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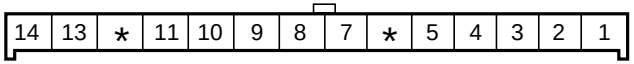
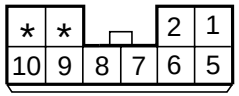
M36-2(D4DD)



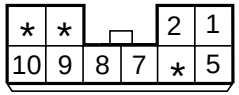
CR14F007

M43-2(D4AF/D4AL)



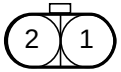
CR10F014

M43-2(D4DD)



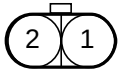
CR10F014

M52



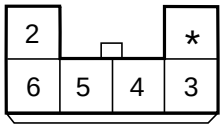
CR02F001

M59



CR02F001

M62



CR06F017

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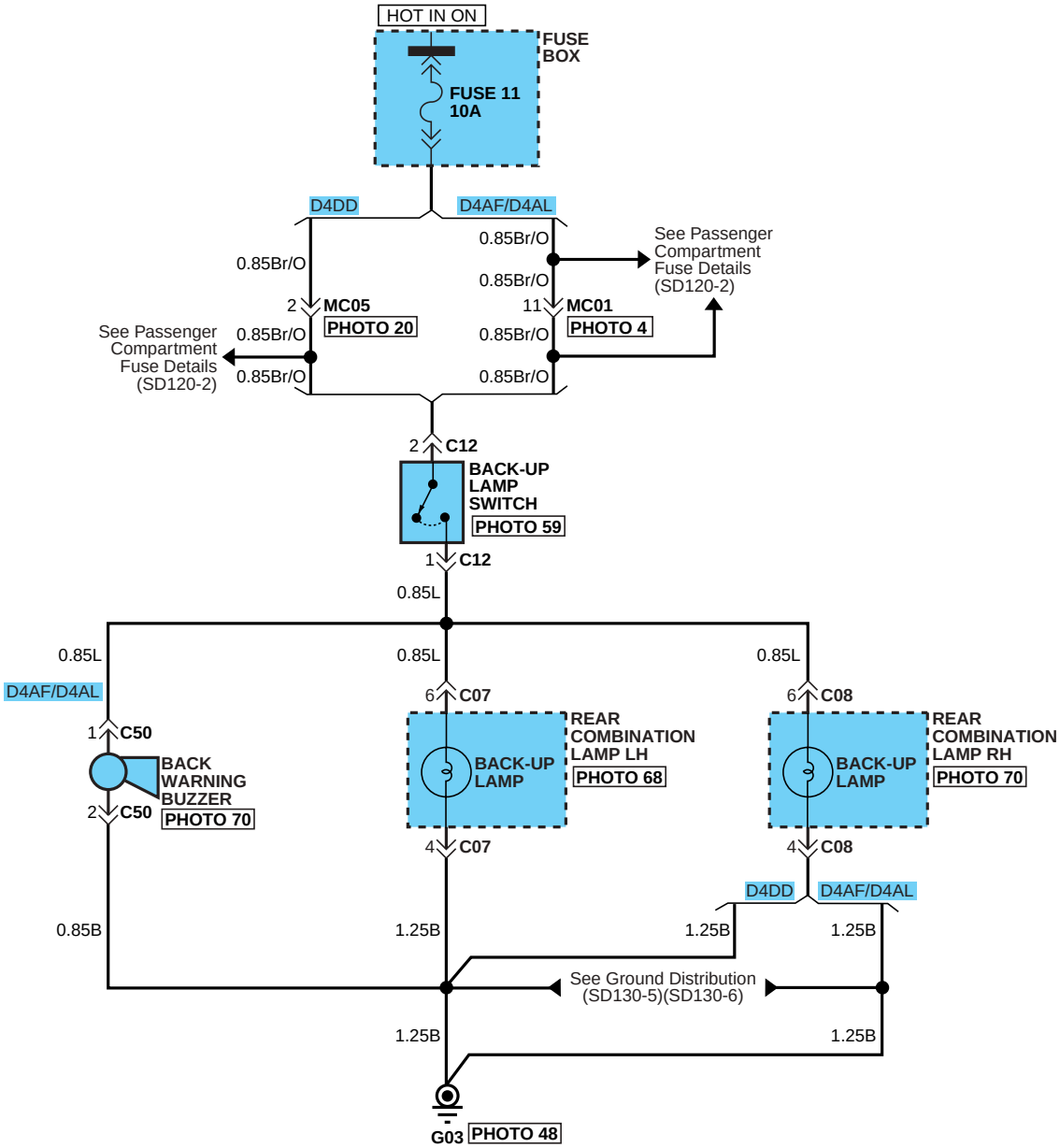
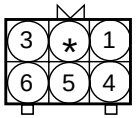
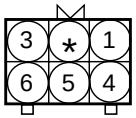
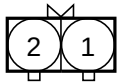
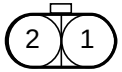
BACK-UP LAMPS (1) SD926-1

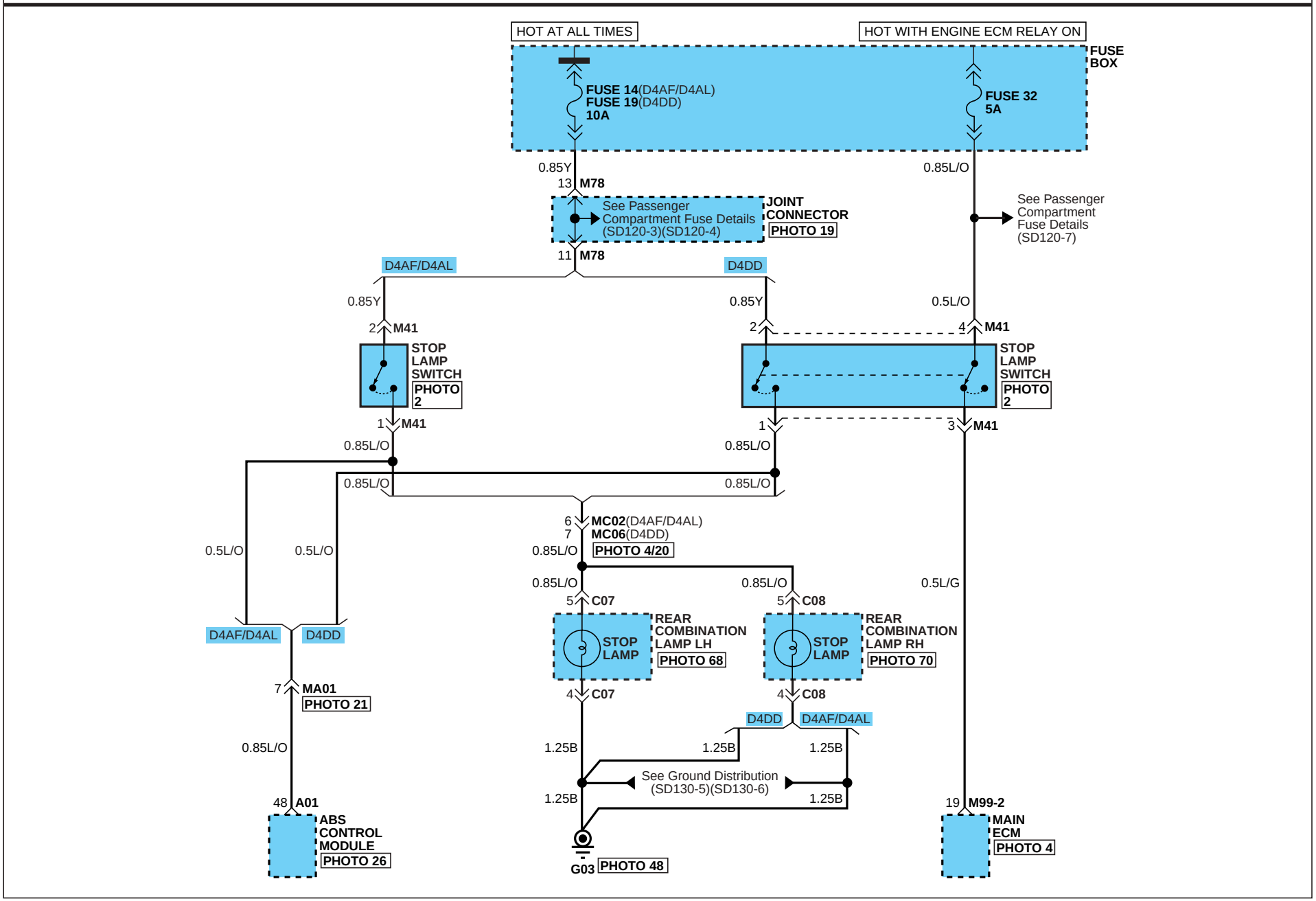


BACK-UP LAMPS (2)

SD926-2

C07	C08	C12	C50
 CR06F016	 CR06F016	 CR02F040	 CR02F001

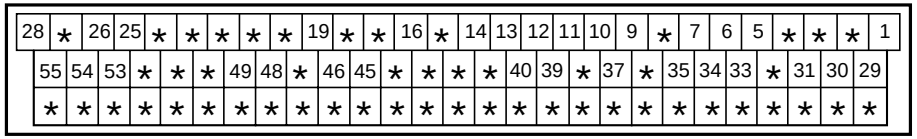
STOP LAMPS (1) SD927-1



STOP LAMPS (2)

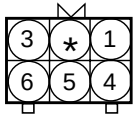
SD927-2

A01



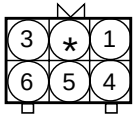
CR55F005

C07



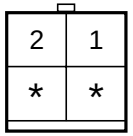
CR06F016

C08



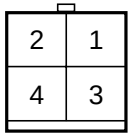
CR06F016

M41(D4AF/D4AL)



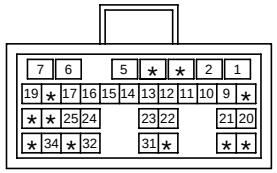
CR04F016

M41(D4DD)



CR04F016

M99-2



CR35F009

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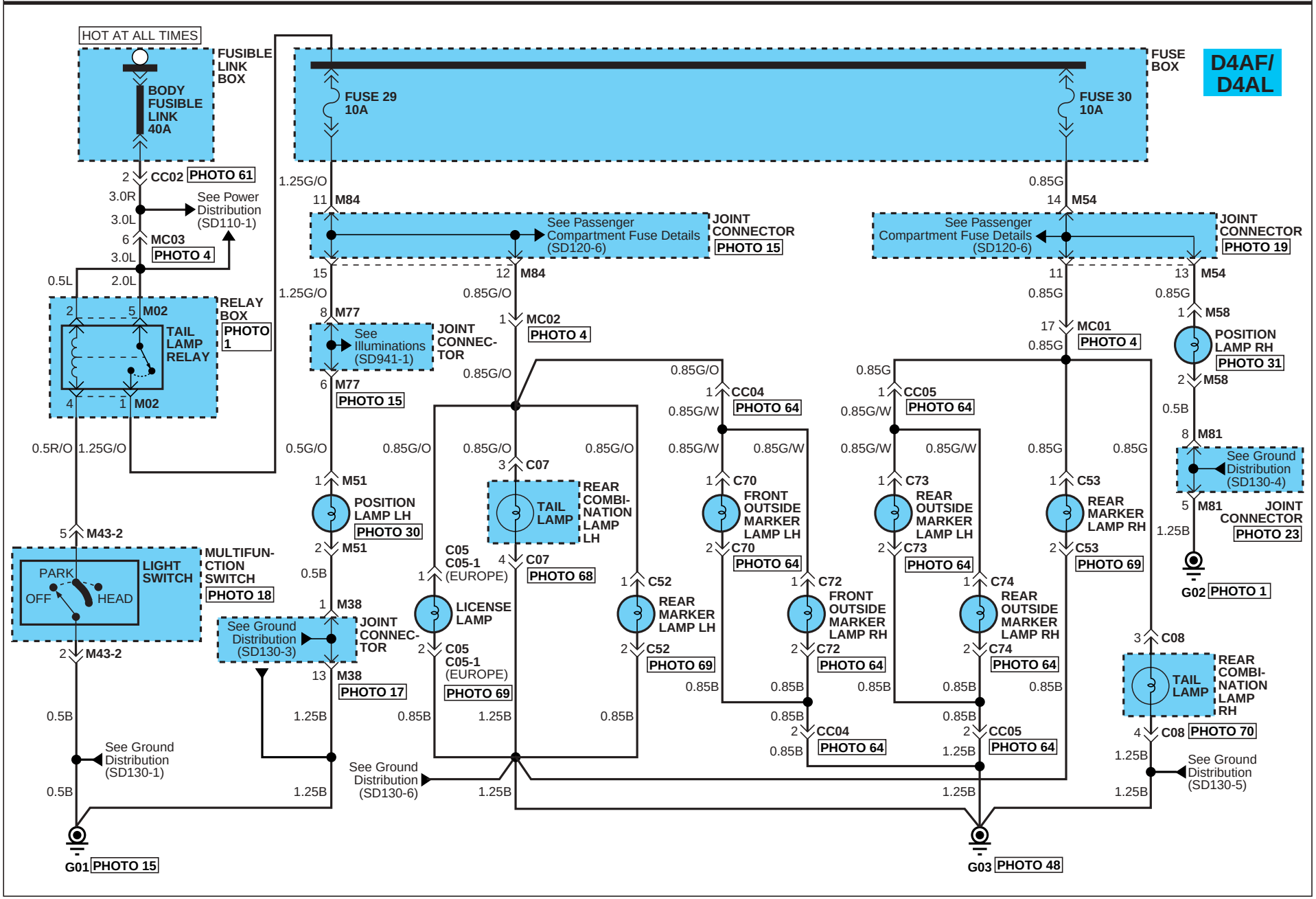
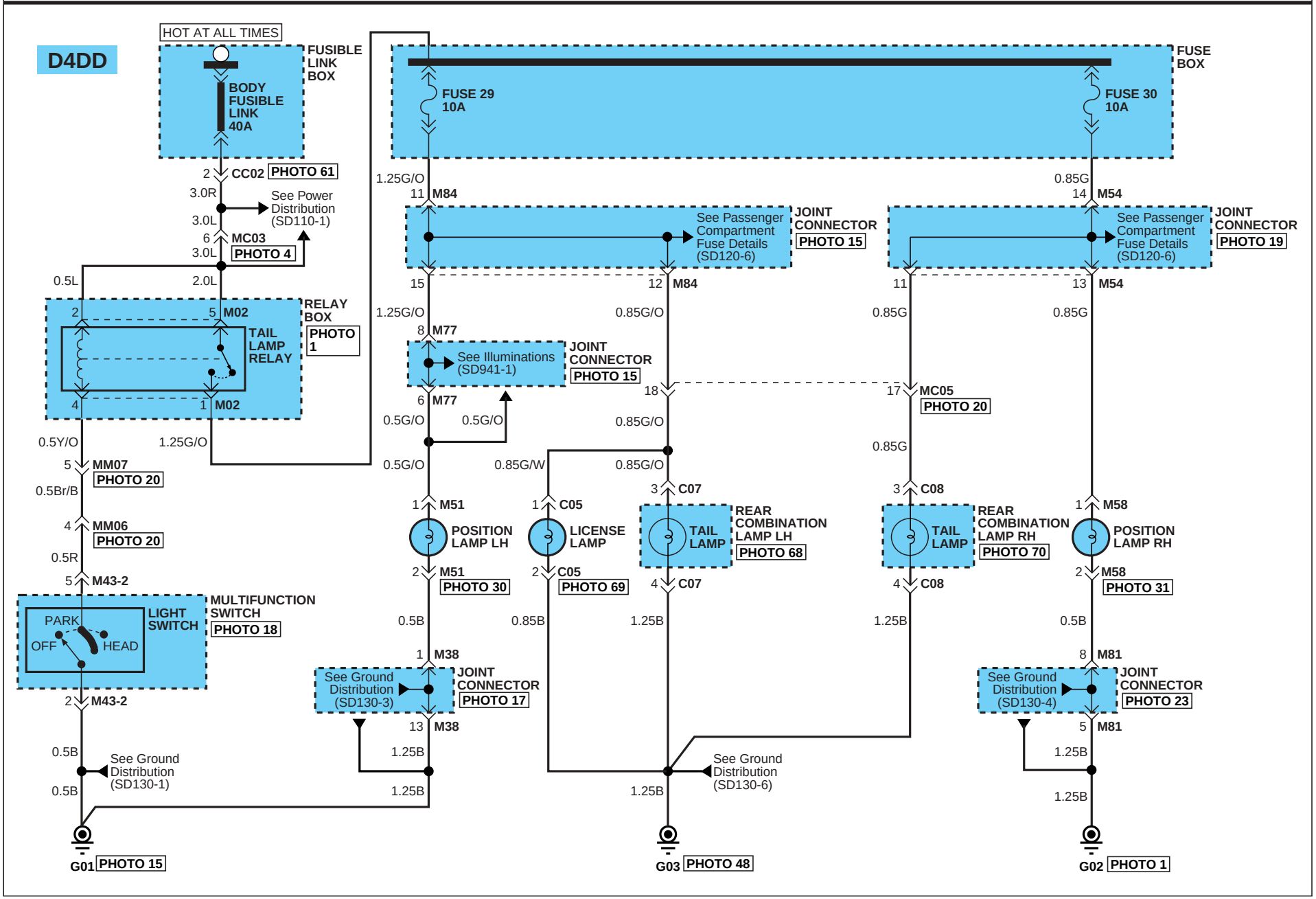
TAIL, PARKING & LICENSE LAMPS (1) SD928-1



TAIL, PARKING & LICENSE LAMPS (2)

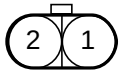
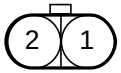
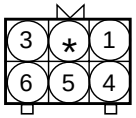
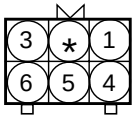
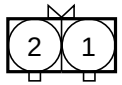
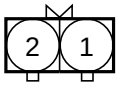
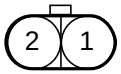
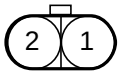
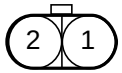
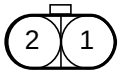
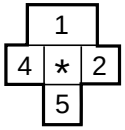
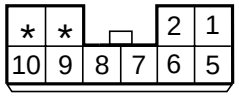
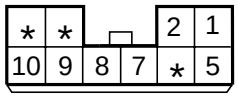
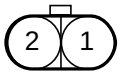
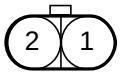
SD928-2



EVTSD7928BL

TAIL, PARKING & LICENSE LAMPS (3)

SD928-3

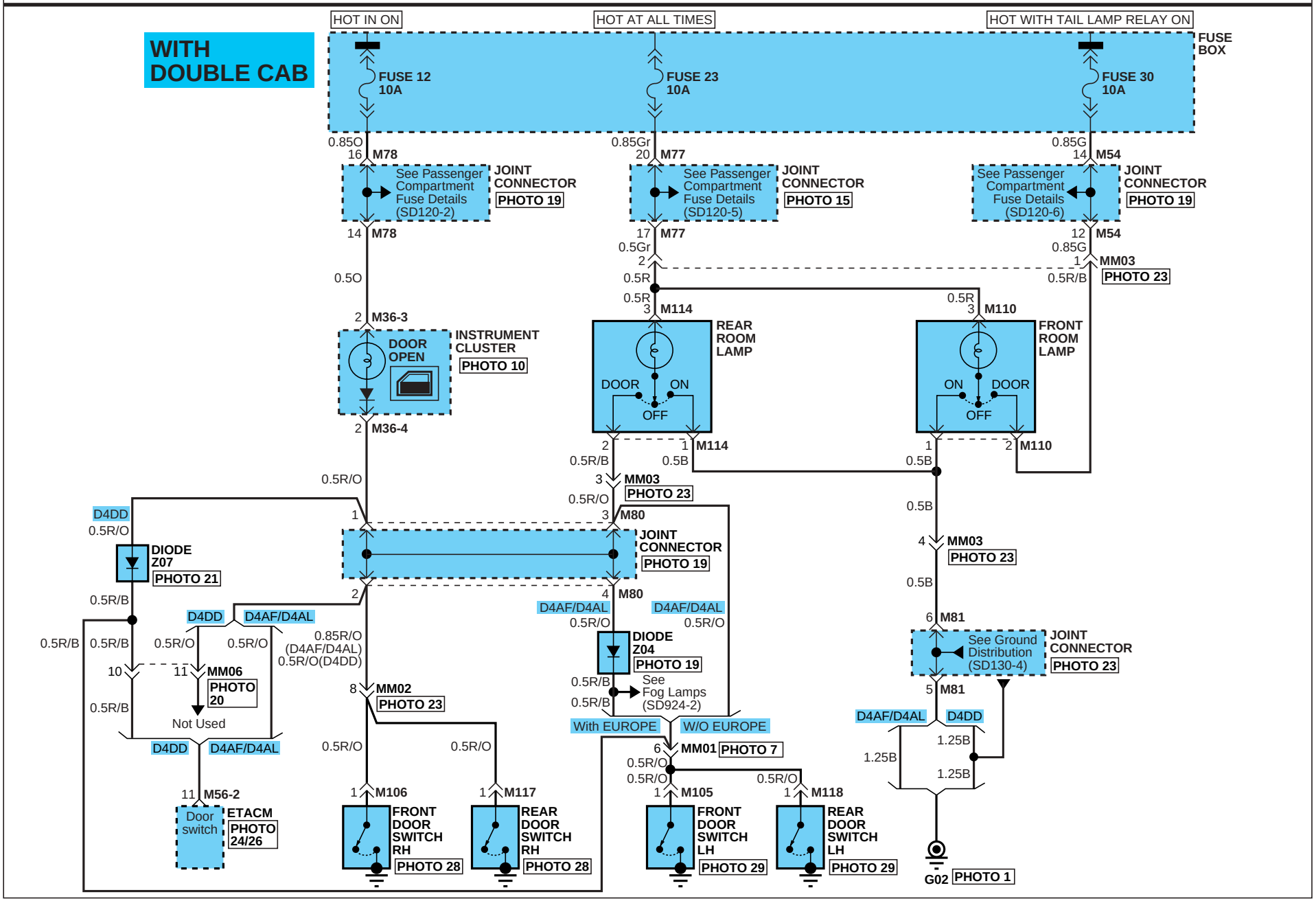
C05  CR02F001	**C05-1**  CR02F001	**C07**  CR06F016	**C08**  CR06F016
C52  CR02F040	**C53**  CR02F040	**C70**  CR02F001	**C72**  CR02F001
C73  CR02F001	**C74**  CR02F001	**M02**  CR05F019	**M43-2(D4AF/D4AL)**  CR10F014
M43-2(D4DD)  CR10F014	**M51**  CR02F001	**M58**  CR02F001	**BLANK**

TAIL, PARKING & LICENSE LAMPS (4)

MEMO

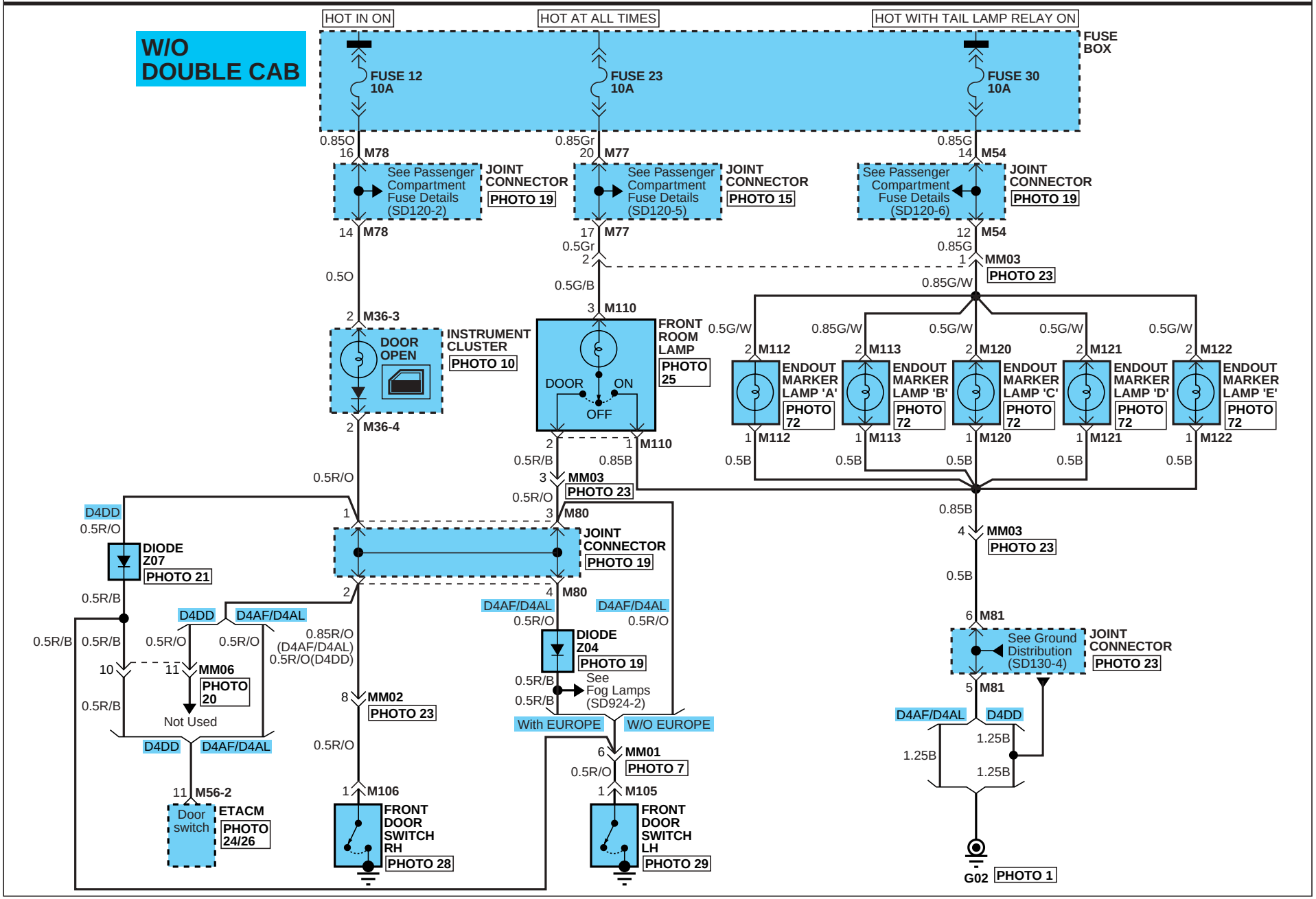
COURTESY LAMPS (1)

SD929-1



COURTESY LAMPS (2)

SD929-2

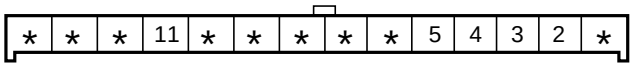


EVTSD7929BL

COURTESY LAMPS (3)

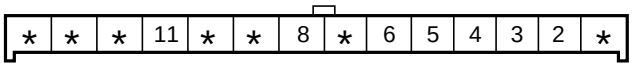
SD929-3

M36-3(D4AF/D4AL)



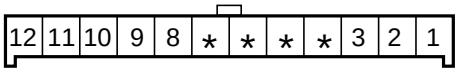
CR14F007

M36-3(D4DD)



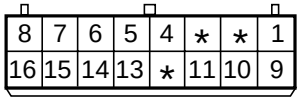
CR14F007

M36-4



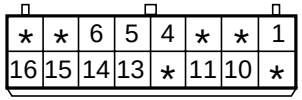
CR12F001

M56-2(D4AF/D4AL)



CR16F002

M56-2(D4DD)



CR16F002

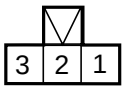
M105

CR01F043

M106

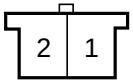
CR01F043

M110



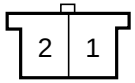
CR03F007

M112



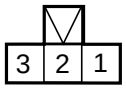
CR02F096

M113



CR02F096

M114



CR03F007

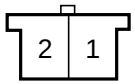
M117

CR01F043

M118

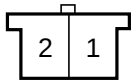
CR01F043

M120



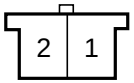
CR02F096

M121



CR02F096

M122



CR02F096

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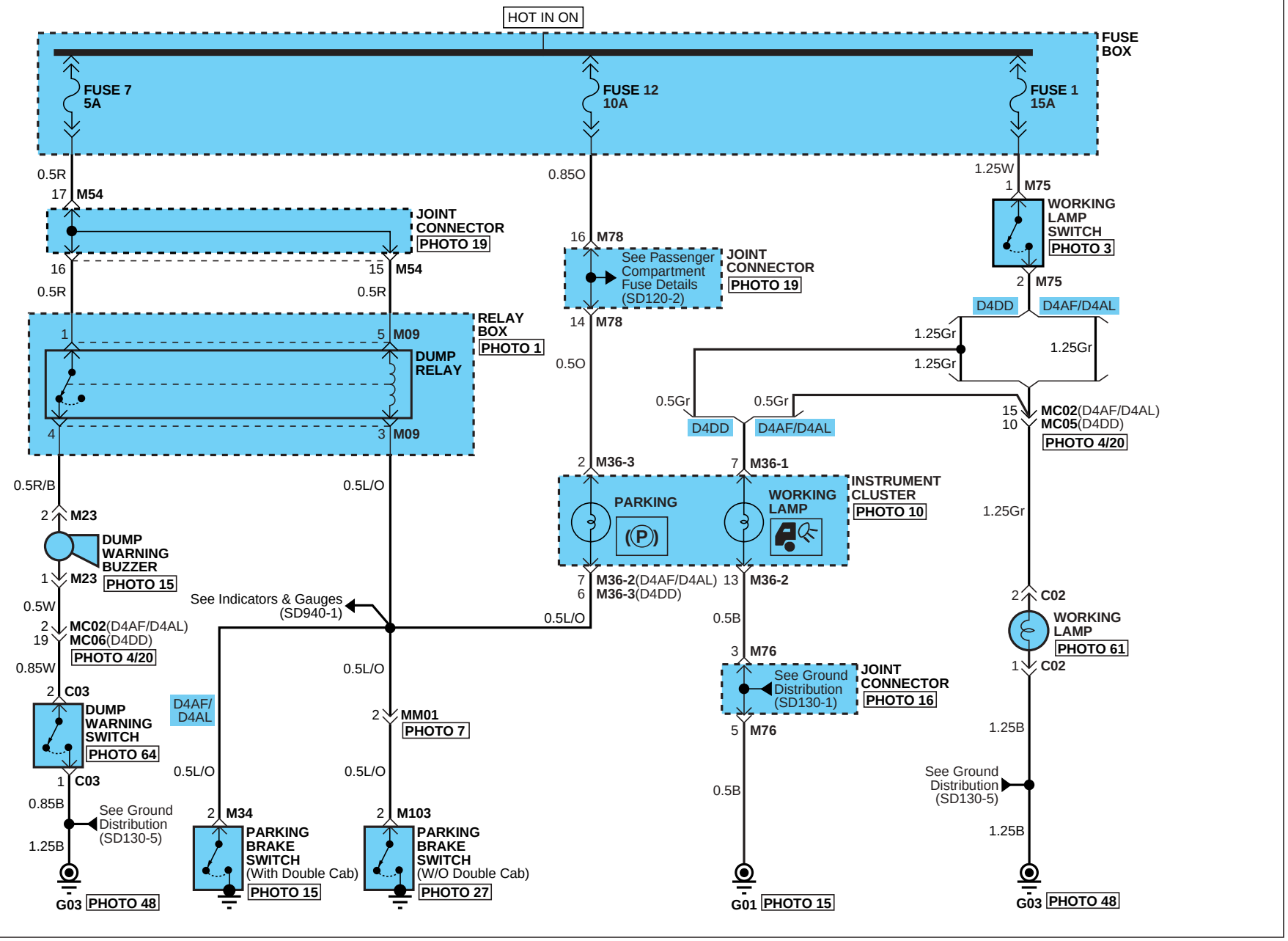
COURTESY LAMPS (4)

MEMO

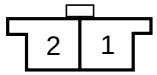
WORKING LAMP & DUMP WARNING BUZZER (1) SD930-1



WORKING LAMP & DUMP WARNING BUZZER (2)

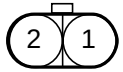
SD930-2

C02



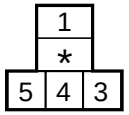
CR02F010

C03



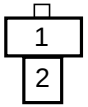
CR02F001

M09



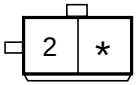
CR05F011

M23



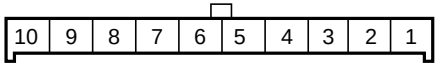
CR02F012

M34



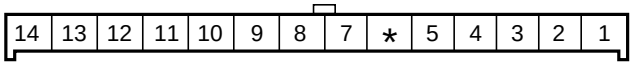
CR02F046

M36-1



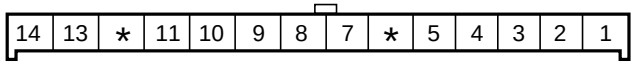
CR10F005

M36-2(D4AF/D4AL)



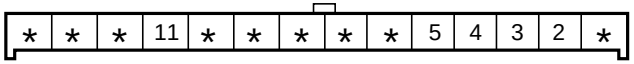
CR14F007

M36-2(D4DD)



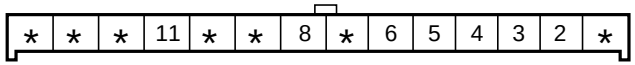
CR14F007

M36-3(D4AF/D4AL)



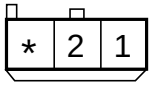
CR14F007

M36-3(D4DD)



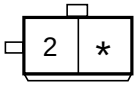
CR14F007

M75



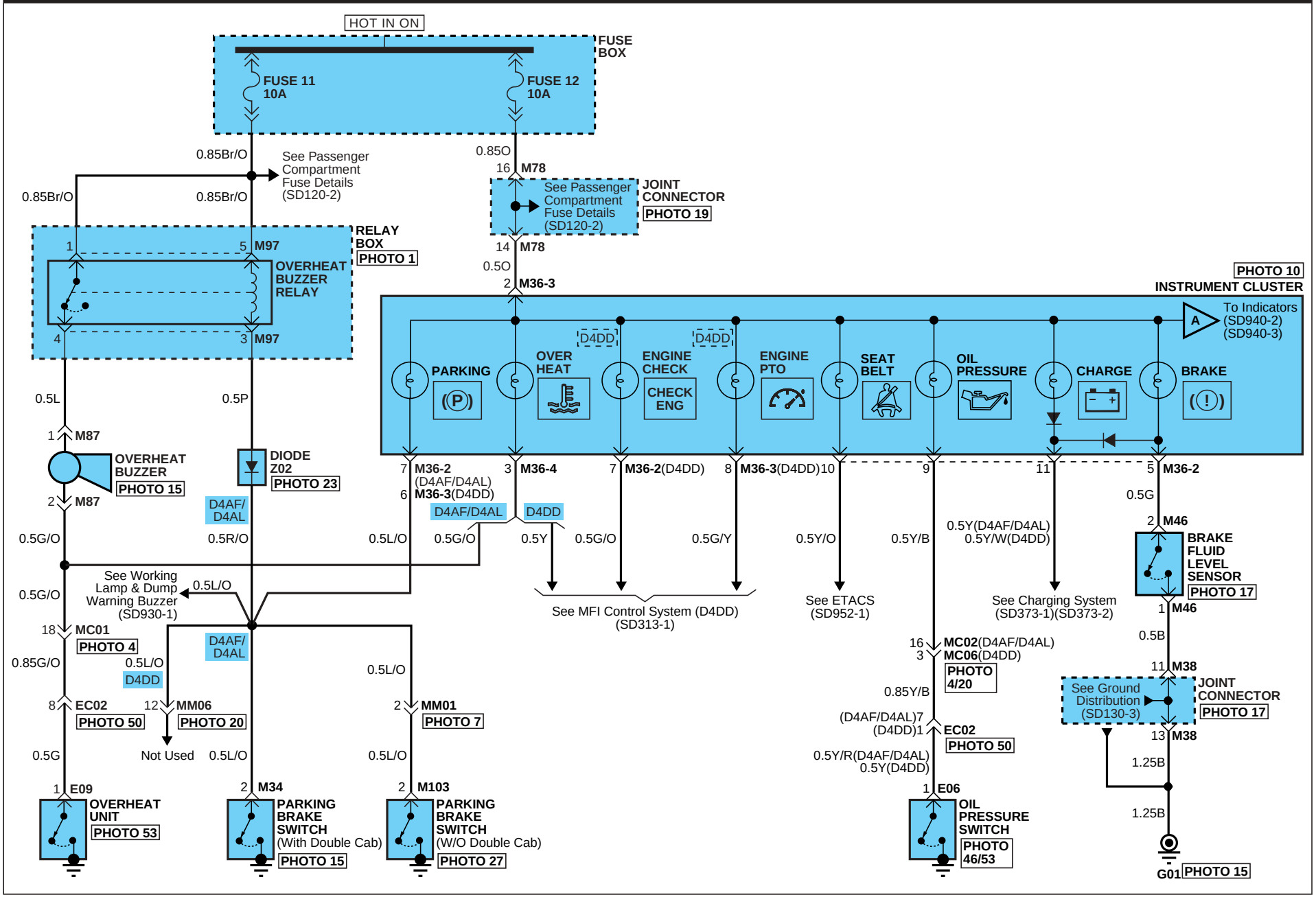
CR03F026

M103



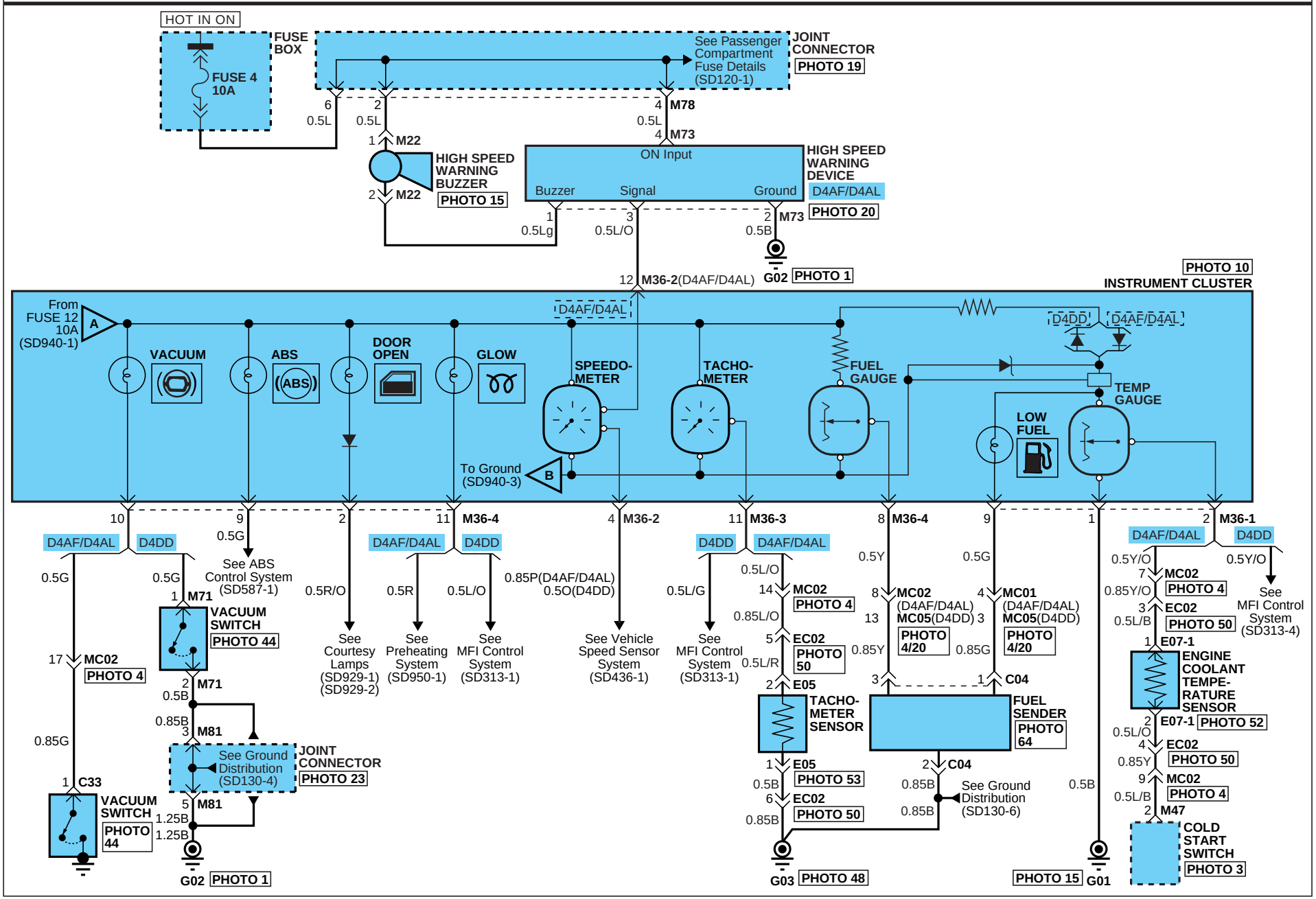
CR02F046

INDICATORS & GAUGES (1) SD940-1



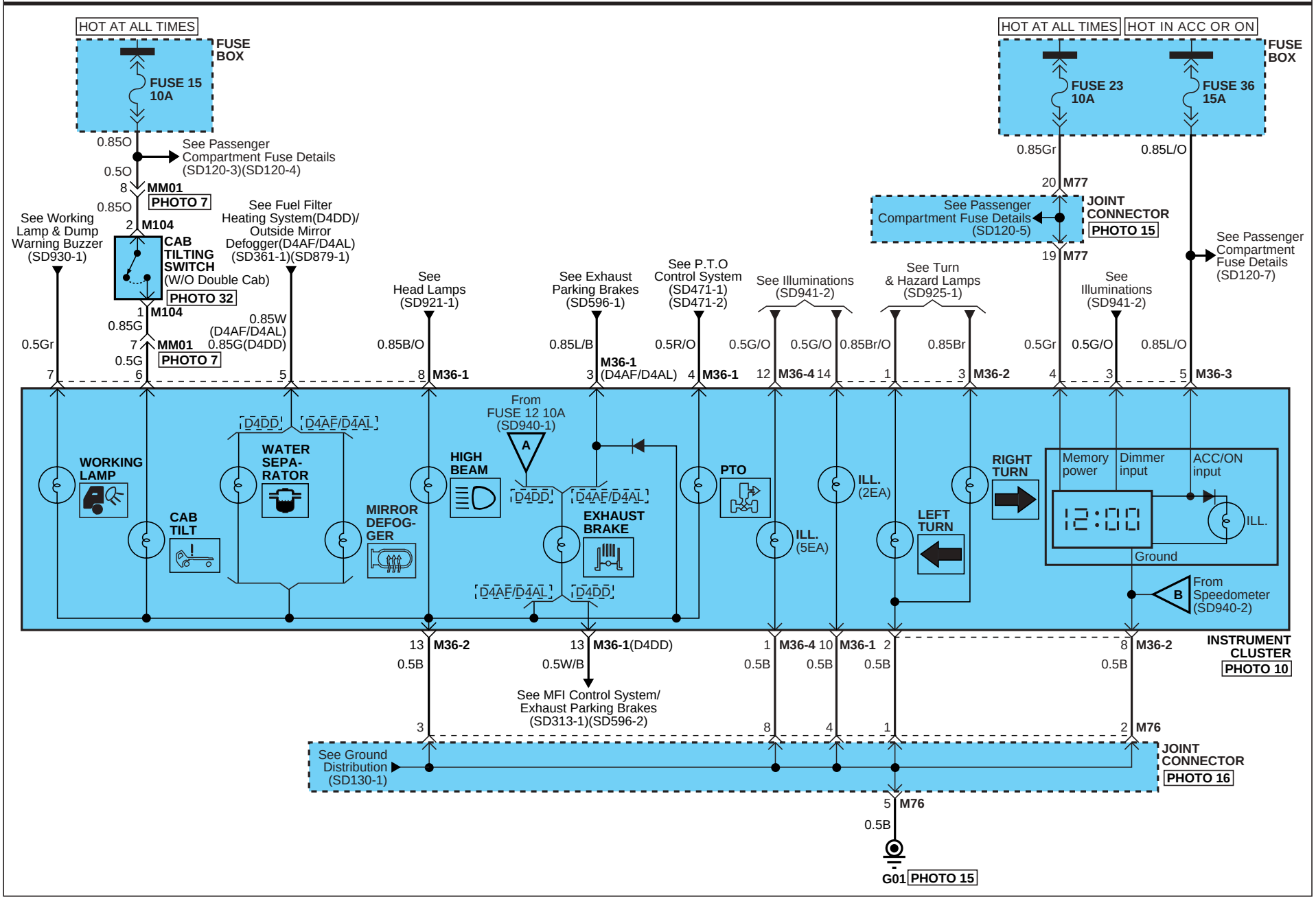
INDICATORS & GAUGES (2)

SD940-2



INDICATORS & GAUGES (3)

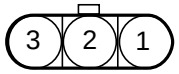
SD940-3



INDICATORS & GAUGES (4)

SD940-4

C04

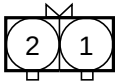


CR03F016

C33

CR01F001

E05



CR02F040

E06

CR01F020

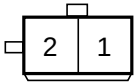
E07-1

CR02F064

E09

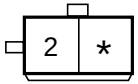
CR01F002

M22



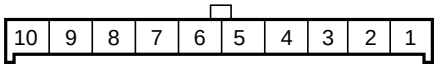
CR02F046

M34



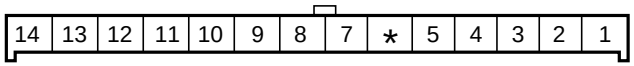
CR02F046

M36-1



CR10F005

M36-2(D4AF/D4AL)



CR14F007

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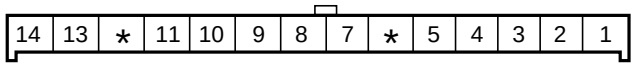
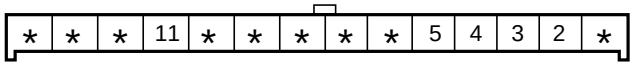
M36-2(D4DD)



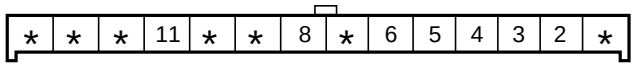
CR14F007

M36-3(D4AF/D4AL)



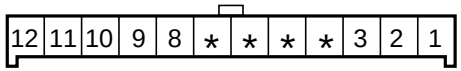
CR14F007

M36-3(D4DD)



CR14F007

M36-4

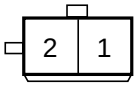


CR12F001

INDICATORS & GAUGES (5)

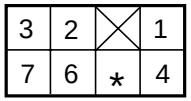
SD940-5

M46



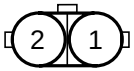
CR02F046

M47



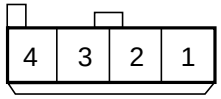
CR07F002

M71



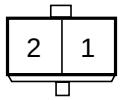
CR02F118

M73



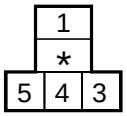
CR04F048

M87



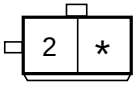
CR02F049

M97



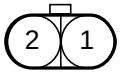
CR05F011

M103



CR02F046

M104



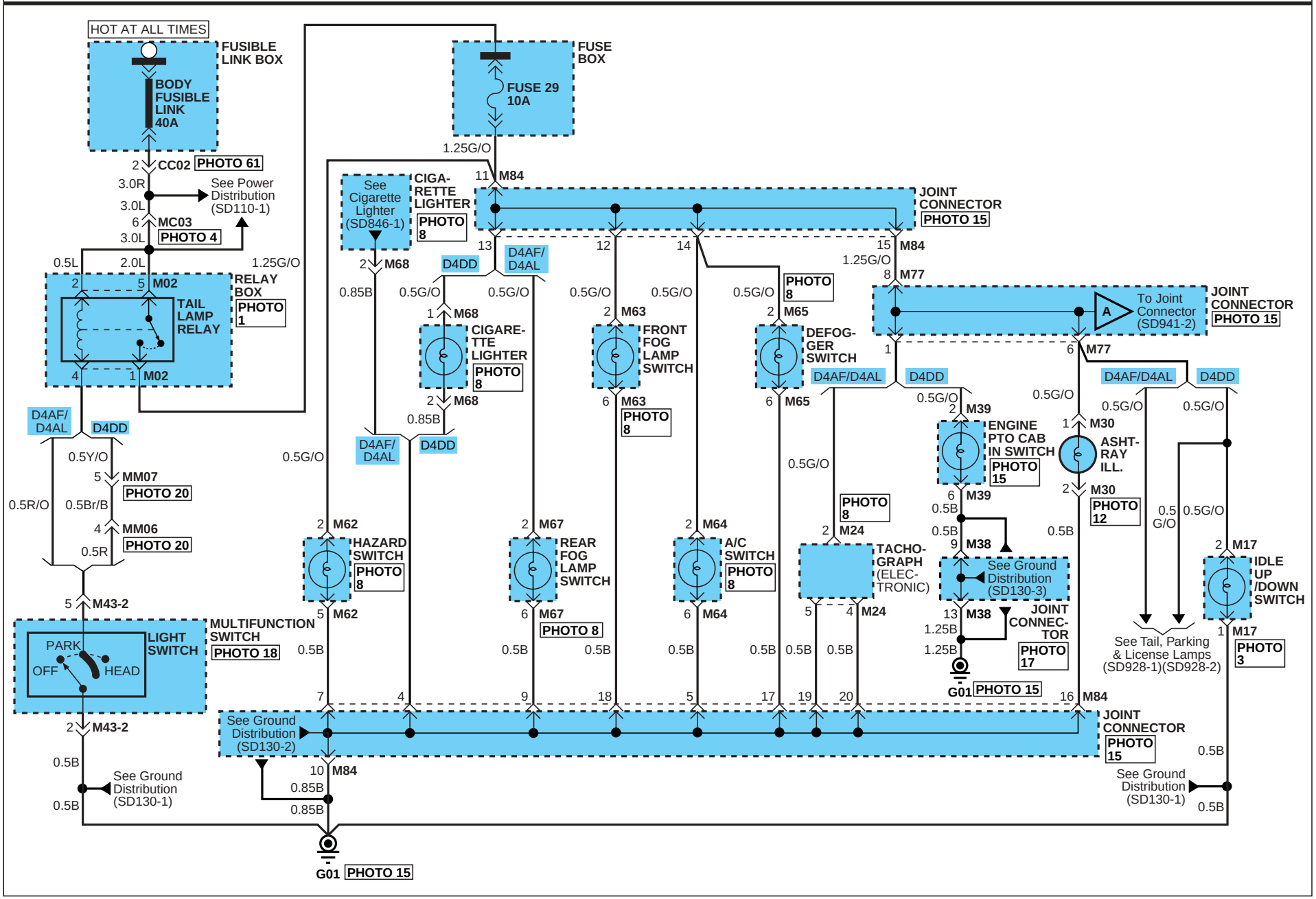
CR02F001

INDICATORS & GAUGES (6)

MEMO

ILLUMINATIONS (1)

SD941-1



EVTSD7941AL