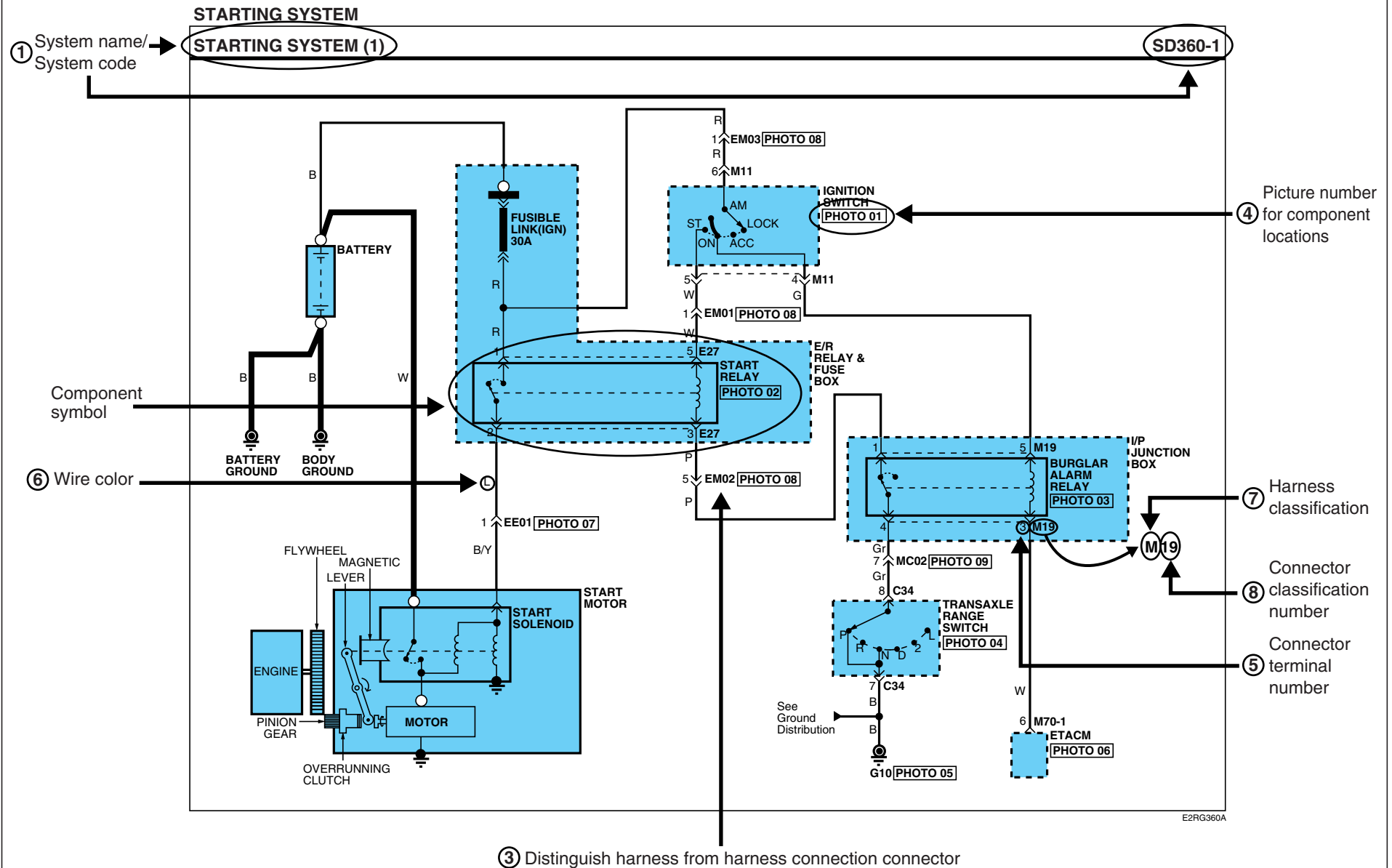


INTRODUCTION (1)

GI-1



INTRODUCTION

INTRODUCTION (2)

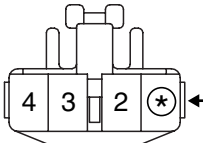
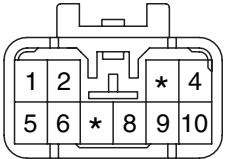
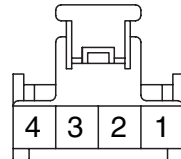
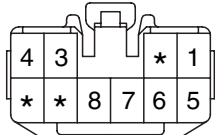
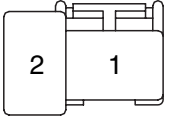
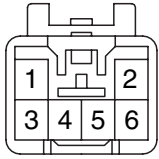
GI-2

STARTING SYSTEM

STARTING SYSTEM (2)

SD360-2

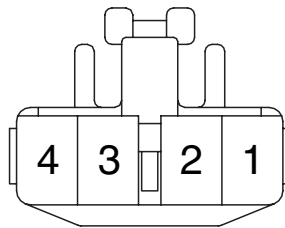
② Connector configurations (components)

M05  KET_090II_04F_W	M06  KET_090II_10M_W	M11  KUM_AR_04F_W	M13  KET_090II_10F_W
M67  AMP_PLM2_02F_B	M81  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

INTRODUCTION (3)

GI-3

① Pages by system/ Name of Schematic diagram

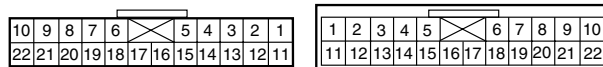
- Each page is consisted of circuits by system. This schematic diagram includes the path of electricity flow, connection condition for each switch, and the function of other relevant circuits at once. It is applicable to real service work.
- It is very important to understand relevant circuits exactly 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 (*).

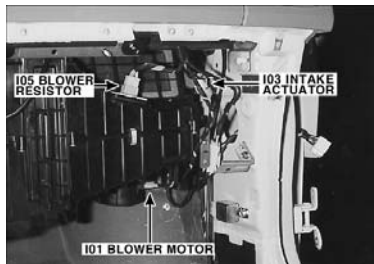
③ Connector configurations (connection between harnesses)

- 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.

INTRODUCTION

INTRODUCTION (4)

GI-4

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

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

↑ ↑
the color of the color of
background stripe

⑦ HARNESS CLASSIFICATION

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

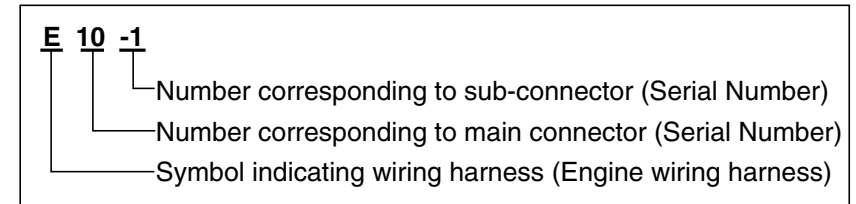
Symbol	Harness name	Location
E	Engine harness	Engine compartment
M	Main, Floor, Floor center, Roof harness	Passenger compartment, Floor, Roof
C	Chassis, Side marker, EXH M/V harness	Chassis compartment
A	Air con, A.B.S harness	Under crash pad and Floor
D	Door harness	Door

* 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.

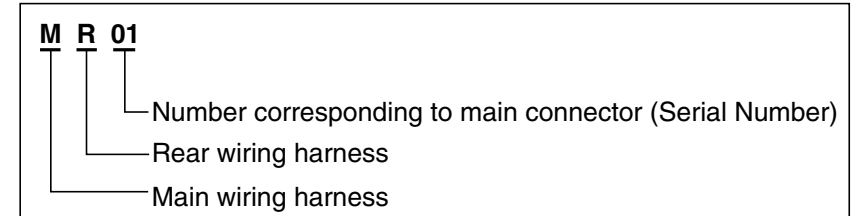
For example:



NOTE

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

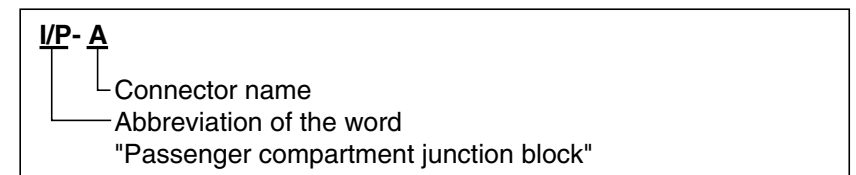
For example:



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:



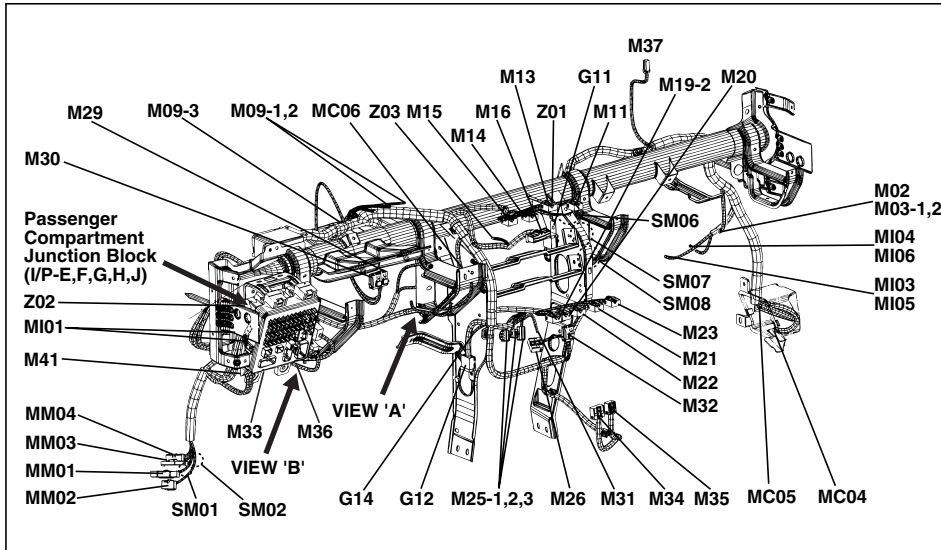
INTRODUCTION

INTRODUCTION (5)

GI-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

EBB531CD

SYMBOLS (1)

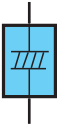
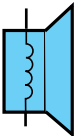
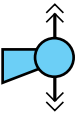
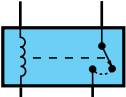
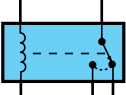
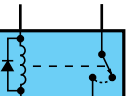
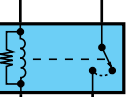
GI-6

Section	Symbol	Meaning	Section	Symbol	Meaning	Section	Symbol	Meaning	Section	Symbol	Meaning
C O M P O N E N T		A solid line means the entire component is shown.	C O N N E C T O R		Shows the name of each connector on the component location index for reference.	S H I E L D W I R E		This represents RFI (Radio Frequency Interference) Shielding around a wire. The shielding is always connected to ground.	L A M P		Double filament
		A broken line indicates only part of the component is shown.			Indicates the number of corresponding terminal. (Only relevant terminal on the corresponding schematic diagram).						Single filament
		This means the connector connects directly to the component.	W I R E		The dashed-line means each of two wires connect with same connector(E35)	J O I N T C O N N E C T O R		This is a connector showing the joining wires.	D I O D E		Diode
		This indicates the connector connects to a lead (pigtail), wired directly to the component.			A wavy line means the wire is broken but is to be continued.						Led diode
		This indicates a screw terminal on the component.	S P L I C E S		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.	S O W B L O W		Power supplied at all times. Name Capacity	T R		NPN
		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.			A wire connects to another circuit. The wire is shown again on that circuit which the arrow is pointing.			This means power is supplied with the ignition on position.			PNP
		The name of the component appears next to its upper right corner.	G R O U N D		Splices are numbered and shown as a dot with circle. The exact location and connection of these splices may vary among vehicles.	F U S E		This means the short bar connects to other fuses. Identification Current rating	G E N E R A L C O M P O N E N T S Y M B O L		These switches move together: a dashed line shows a mechanical connection between them.
		Shows the number of pictures for component location.			This symbol means the end of the wire is attached to a metal part of the vehicle.			Control battery power at all times			Heater

SYMBOLS

SYMBOLS (2)

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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.
		Battery			Diode interior relay
					Resistance interior relay

TROUBLESHOOTING INSTRUCTIONS

E69D8CAB

TROUBLESHOOTING INSTRUCTIONS (1)

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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

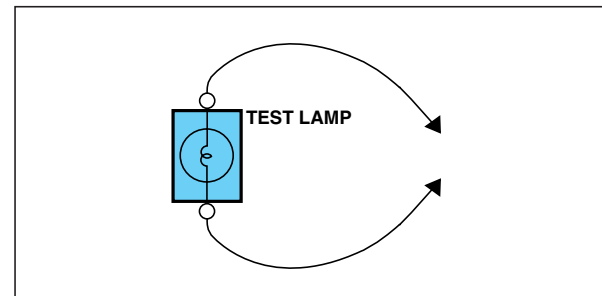
Use a test lamp or a voltmeter on circuits without solidstate units and use a test lamp to check for voltage. A test lamp is made up of a 12-volt light bulb with a pair of leads attached. After grounding one lead, touch the other lead to various points along the circuit where voltage should be present.

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

TROUBLESHOOTING INSTRUCTIONS (2)

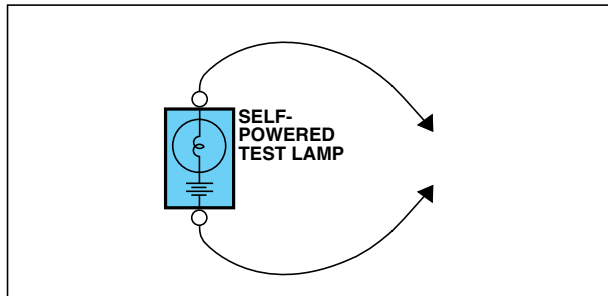
GI-9

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.



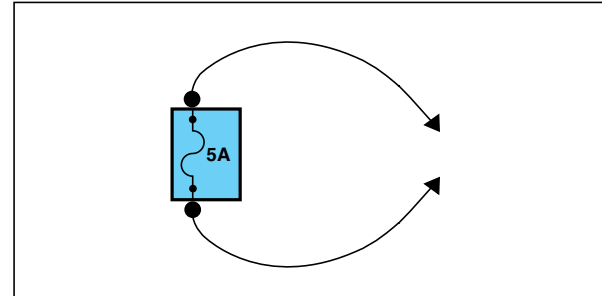
JUMPER WIRE WITH FUSE

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

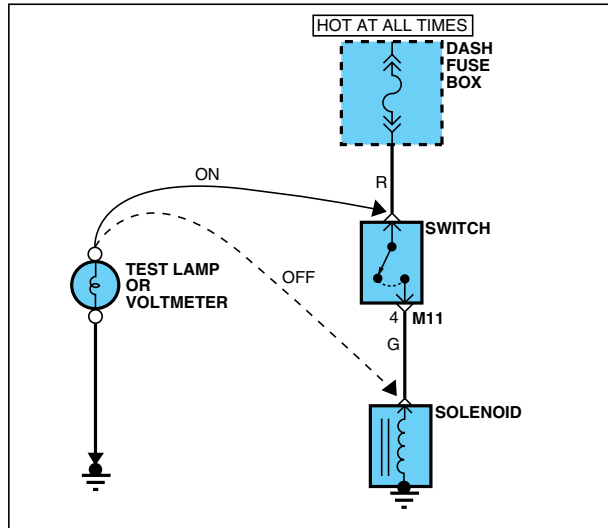
This test measures voltage in a circuit. When testing for voltage at a connector, you do not have to separate the two halves of the connector. Instead, probe the connector from the back(backprobe). Always check both sides of the connector because dirt and corrosion between its contact surfaces can cause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

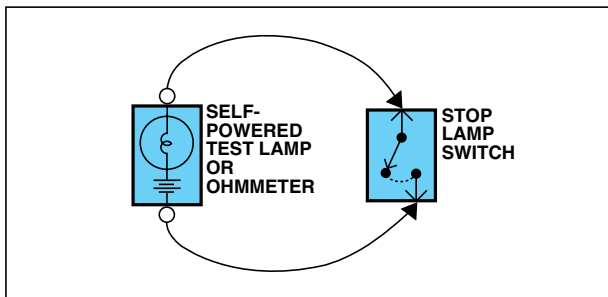
TROUBLESHOOTING INSTRUCTIONS (3)

GI-10



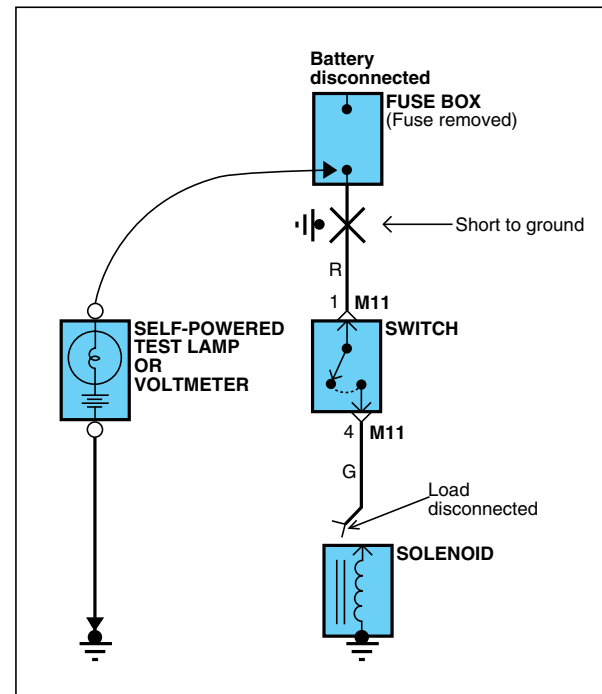
2. TESTING FOR CONTINUITY

- Disconnect the battery negative terminal.
- 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.
- Connect the other lead to the other end.
- 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

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



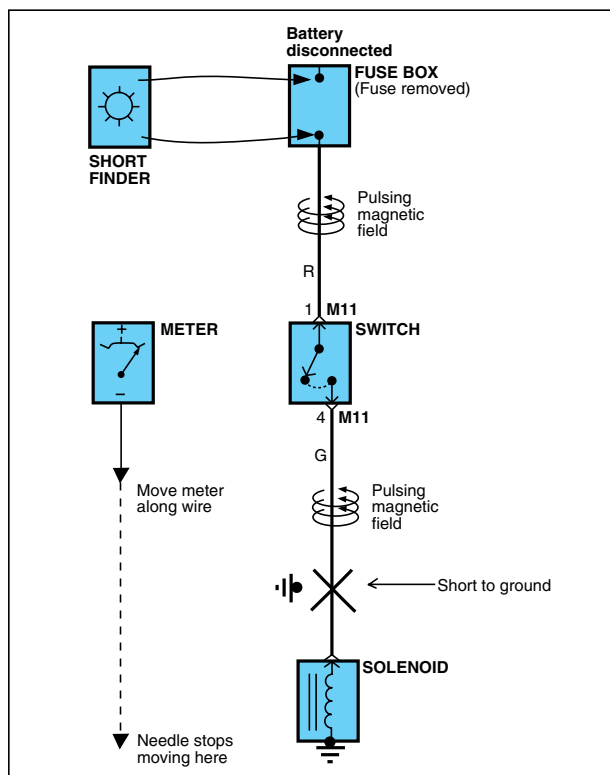
TROUBLESHOOTING INSTRUCTIONS

TROUBLESHOOTING INSTRUCTIONS (4)

GI-11

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 EBF7DCCF

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**FUSE & RELAY INFORMATION (2)****SD100-2****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)

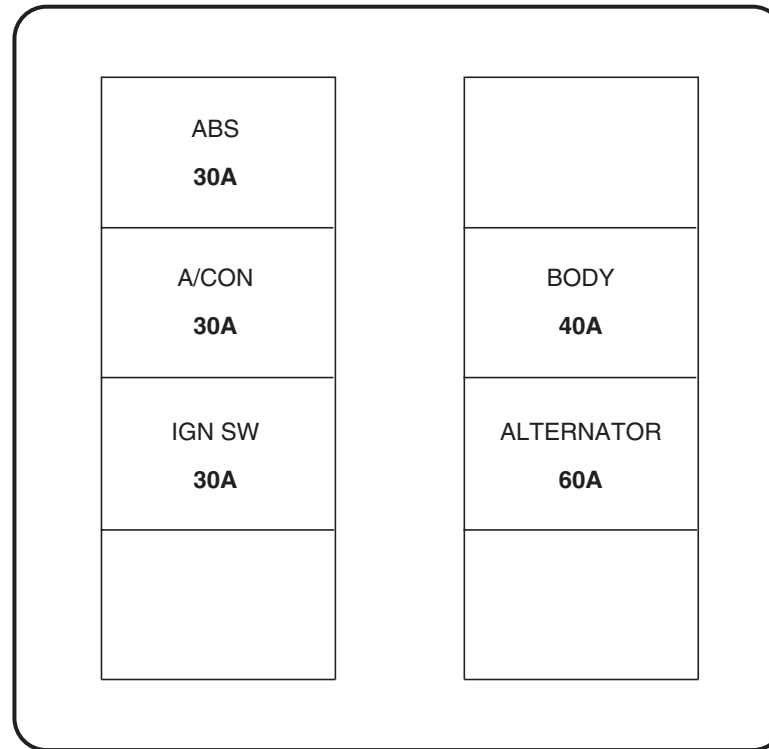
✱ USE THE DESIGNATED FUSE ONLY

FUSE & RELAY INFORMATION

FUSE & RELAY INFORMATION (3)

SD100-3

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

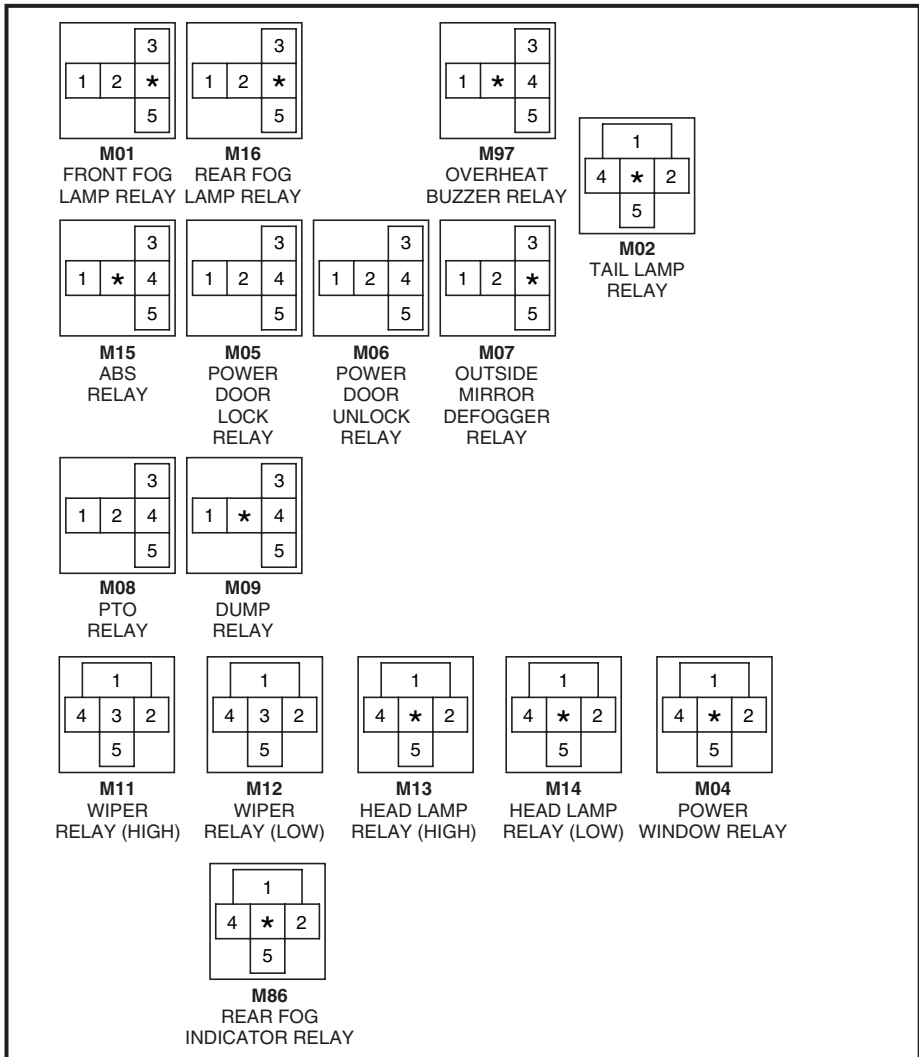
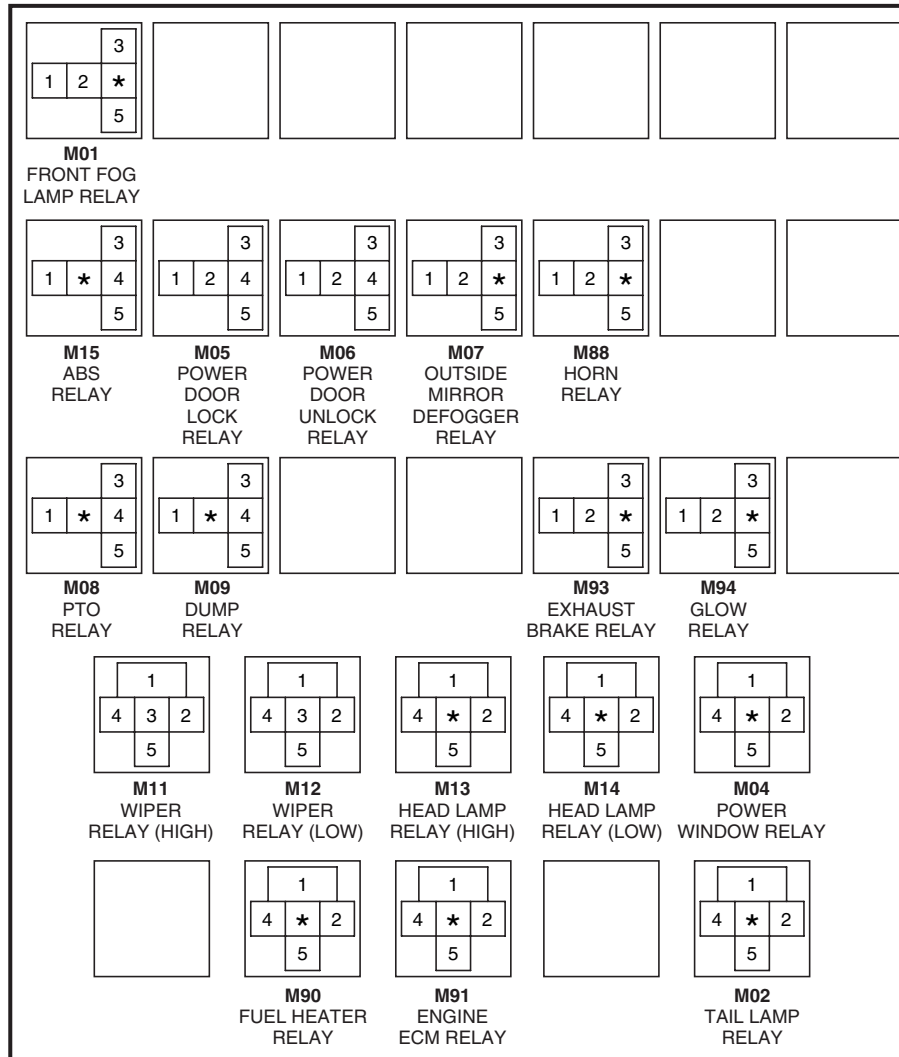
FUSE & RELAY INFORMATION (4)

SD100-4

<D4DD>

RELAY BOX

<D4AF/D4AL>



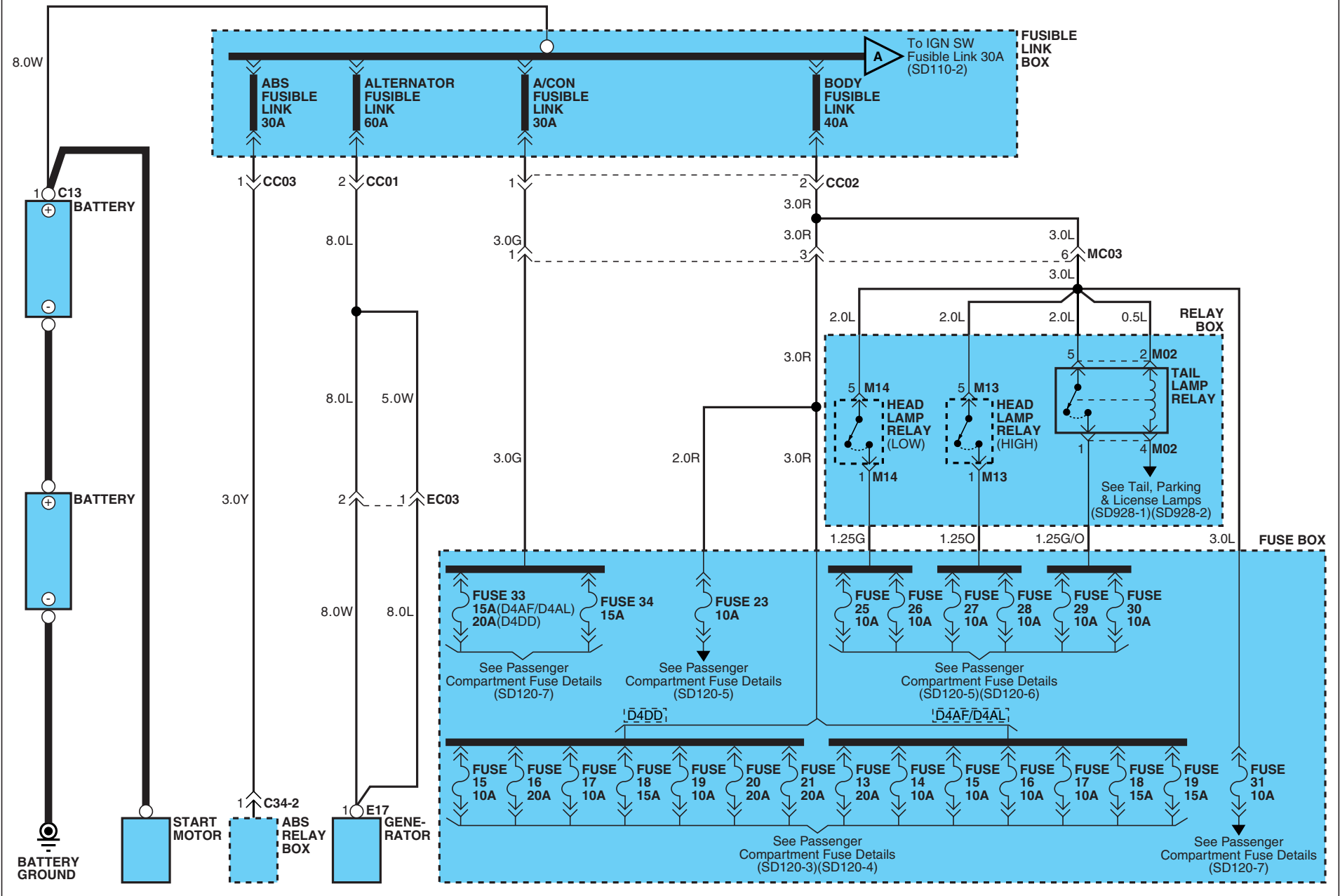
※ USE THE DESIGNATED FUSE ONLY

POWER DISTRIBUTION

EA007534

POWER DISTRIBUTION (1)

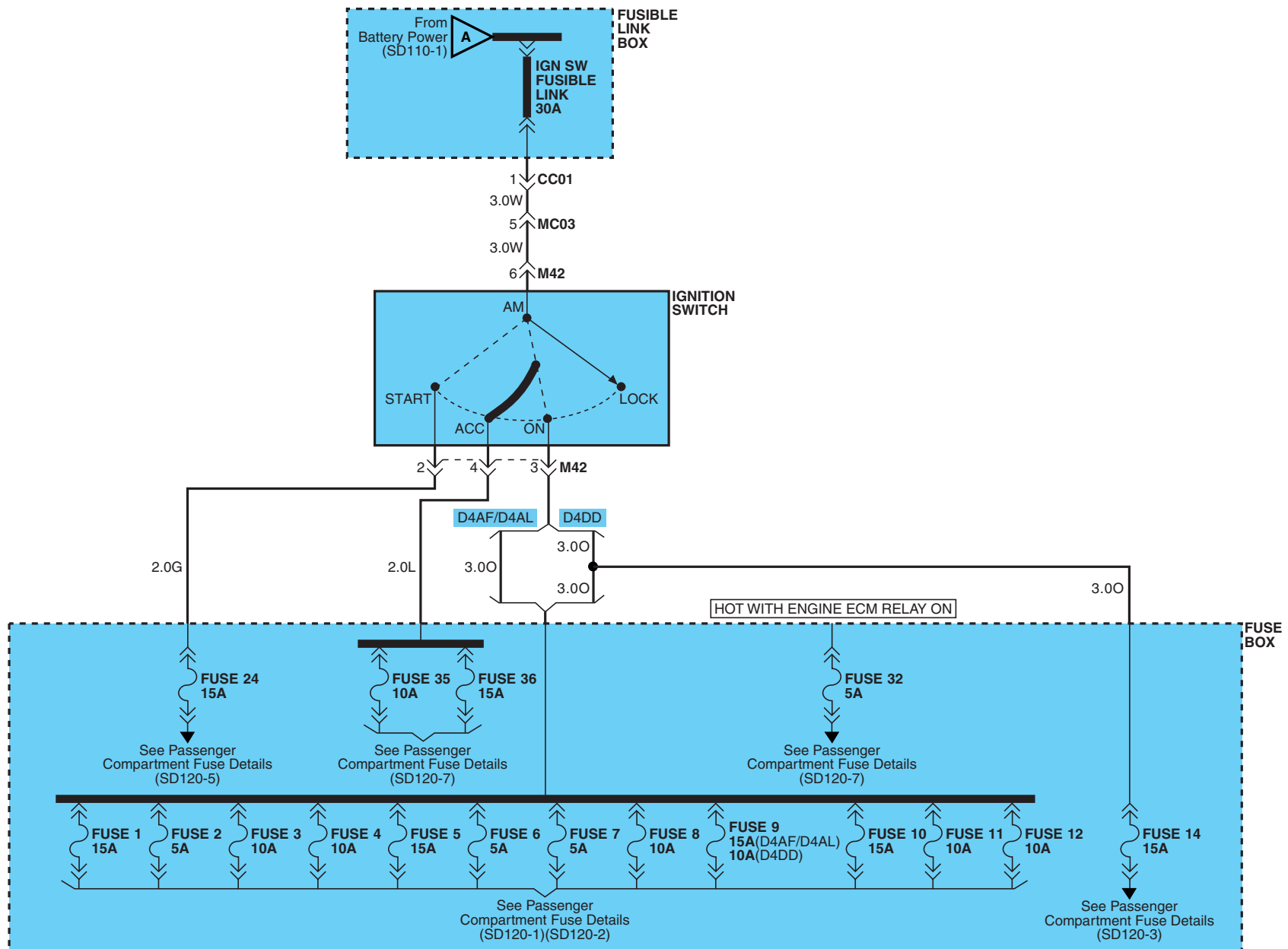
SD110-1



POWER DISTRIBUTION

POWER DISTRIBUTION (2)

SD110-2

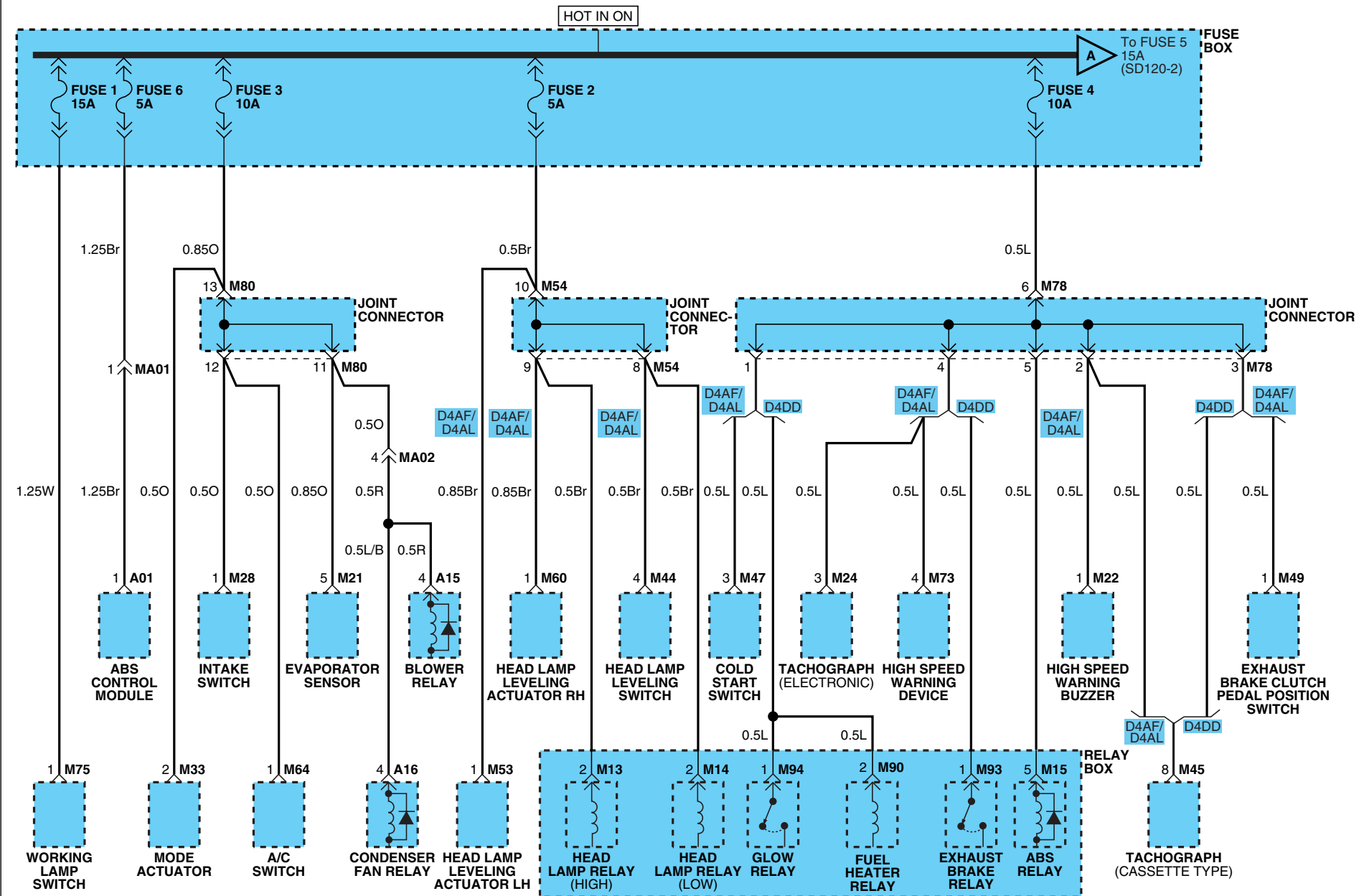


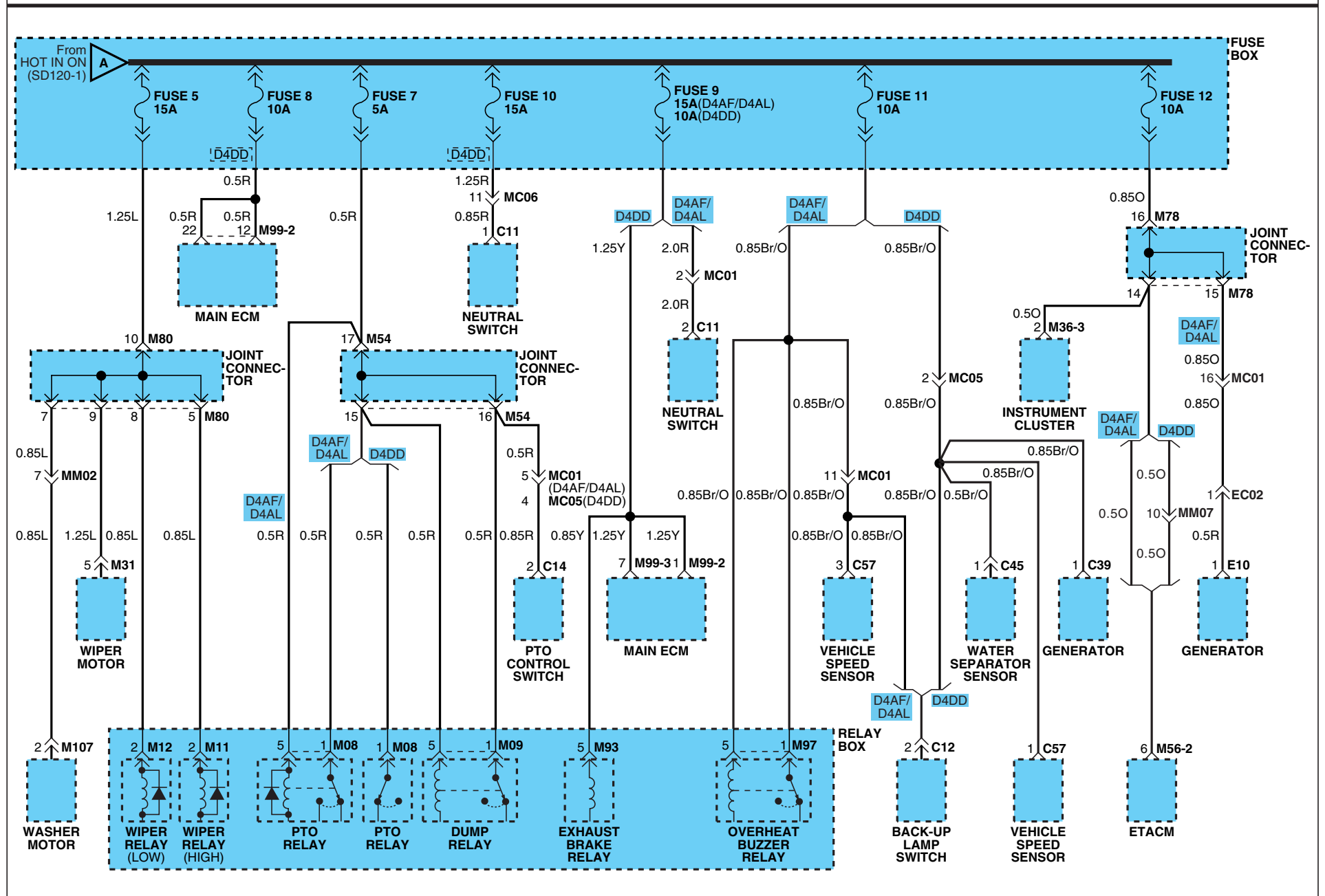
PASSENGER COMPARTMENT FUSE DETAILS

EC996EEF

PASSENGER COMPARTMENT FUSE DETAILS (1)

SD120-1

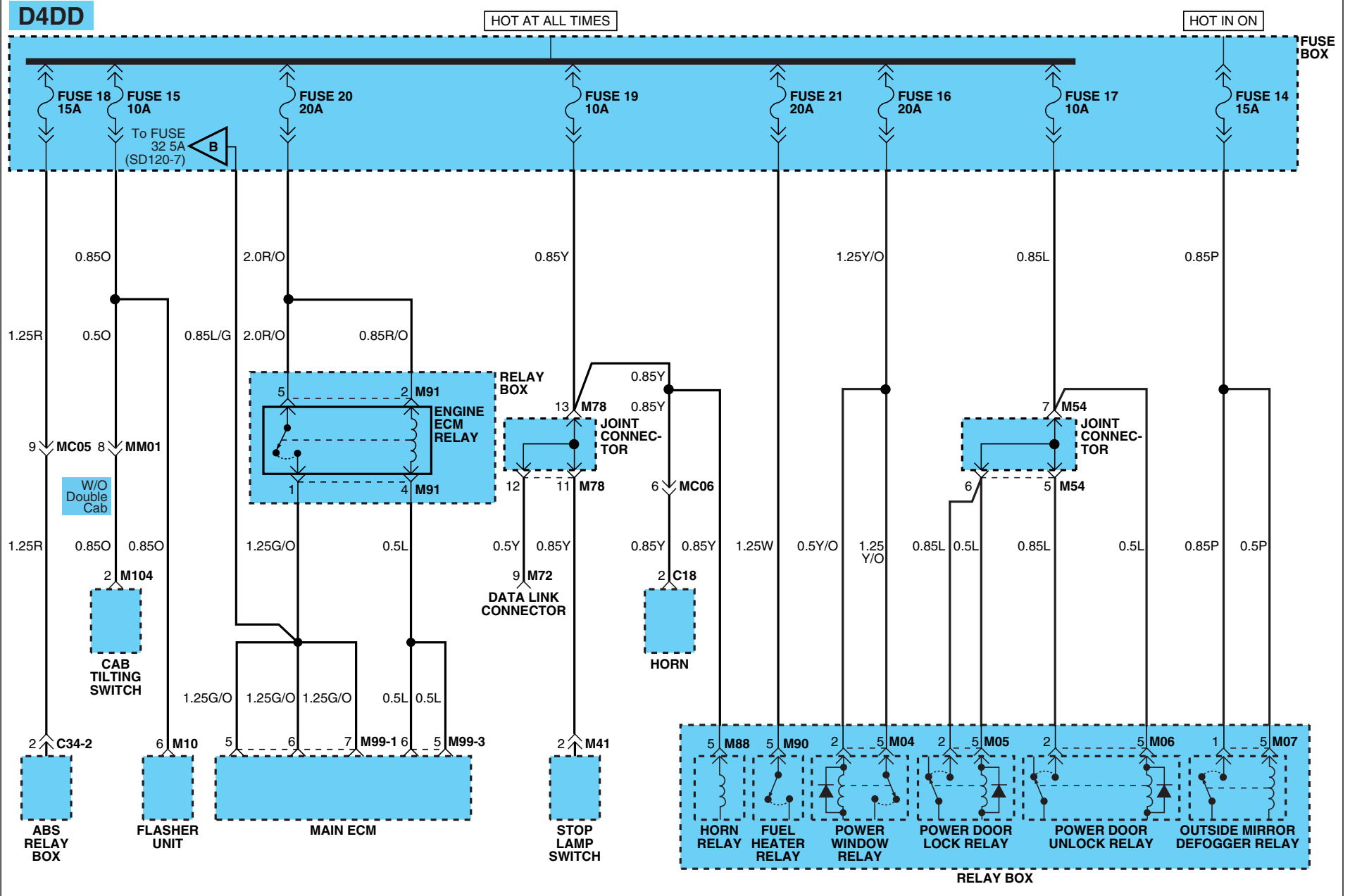




PASSENGER COMPARTMENT FUSE DETAILS

PASSENGER COMPARTMENT FUSE DETAILS (3)

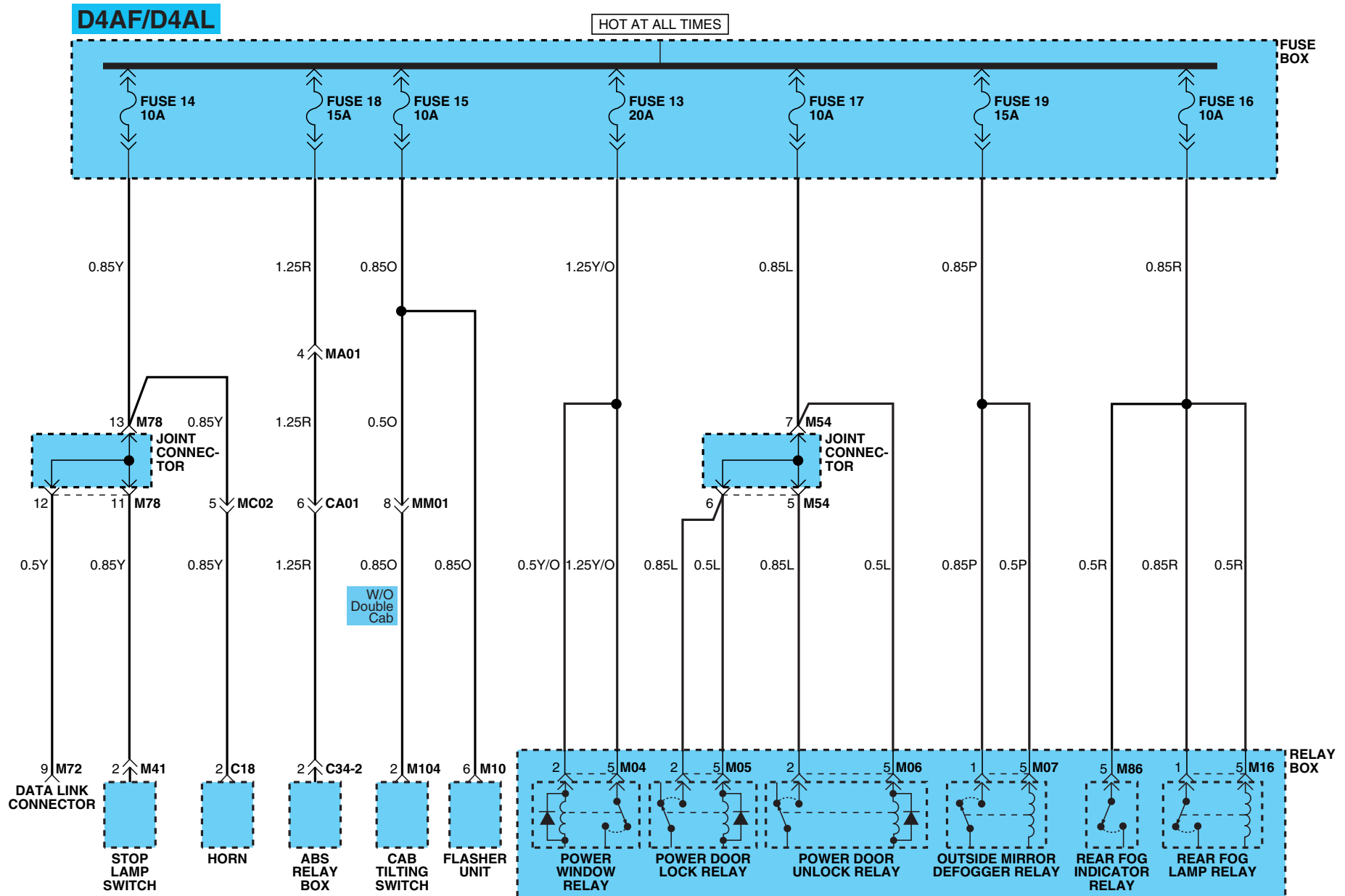
SD120-3



PASSENGER COMPARTMENT FUSE DETAILS

PASSENGER COMPARTMENT FUSE DETAILS (4)

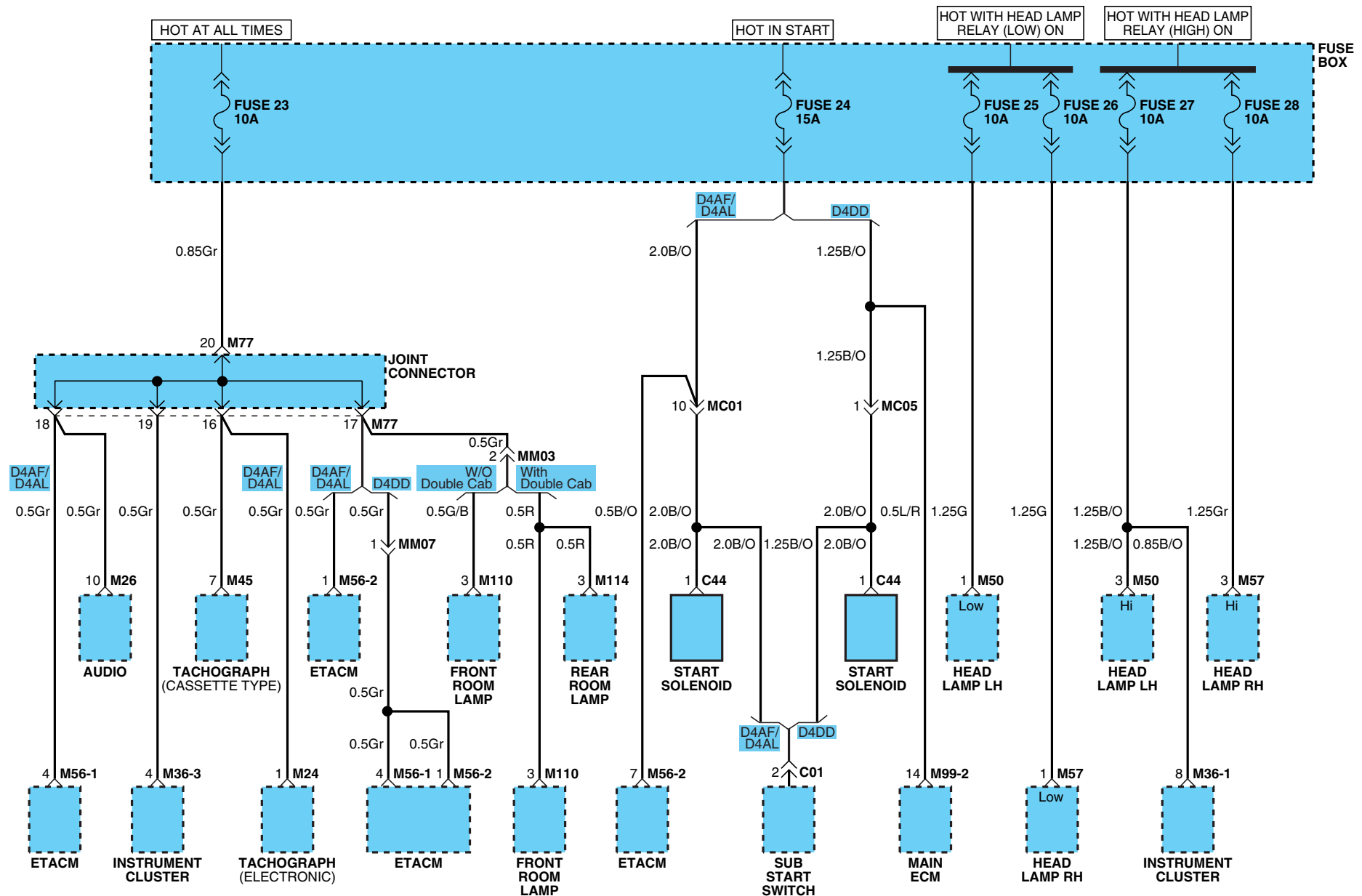
SD120-4



PASSENGER COMPARTMENT FUSE DETAILS

PASSENGER COMPARTMENT FUSE DETAILS (5)

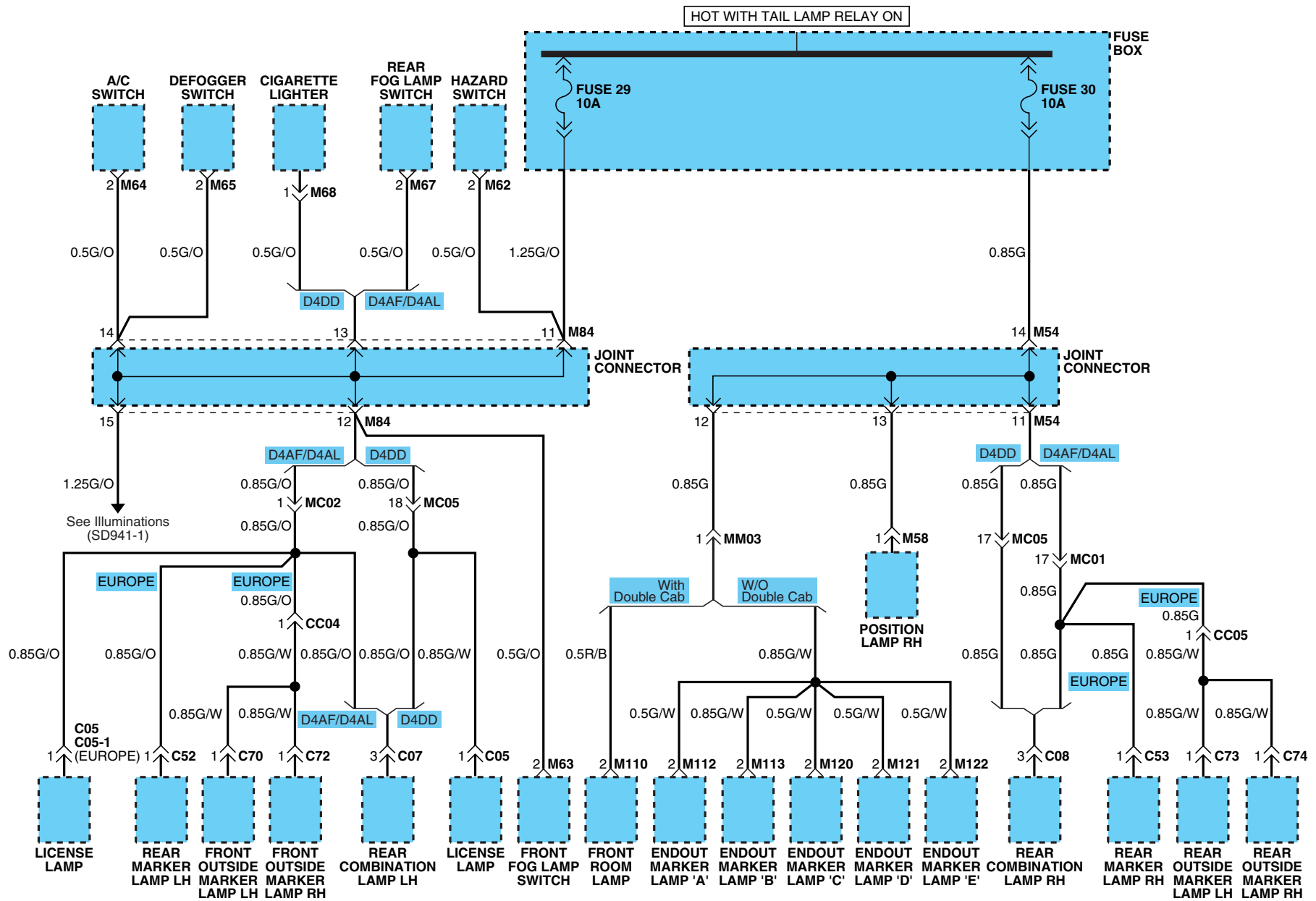
SD120-5



PASSENGER COMPARTMENT FUSE DETAILS

PASSENGER COMPARTMENT FUSE DETAILS (6)

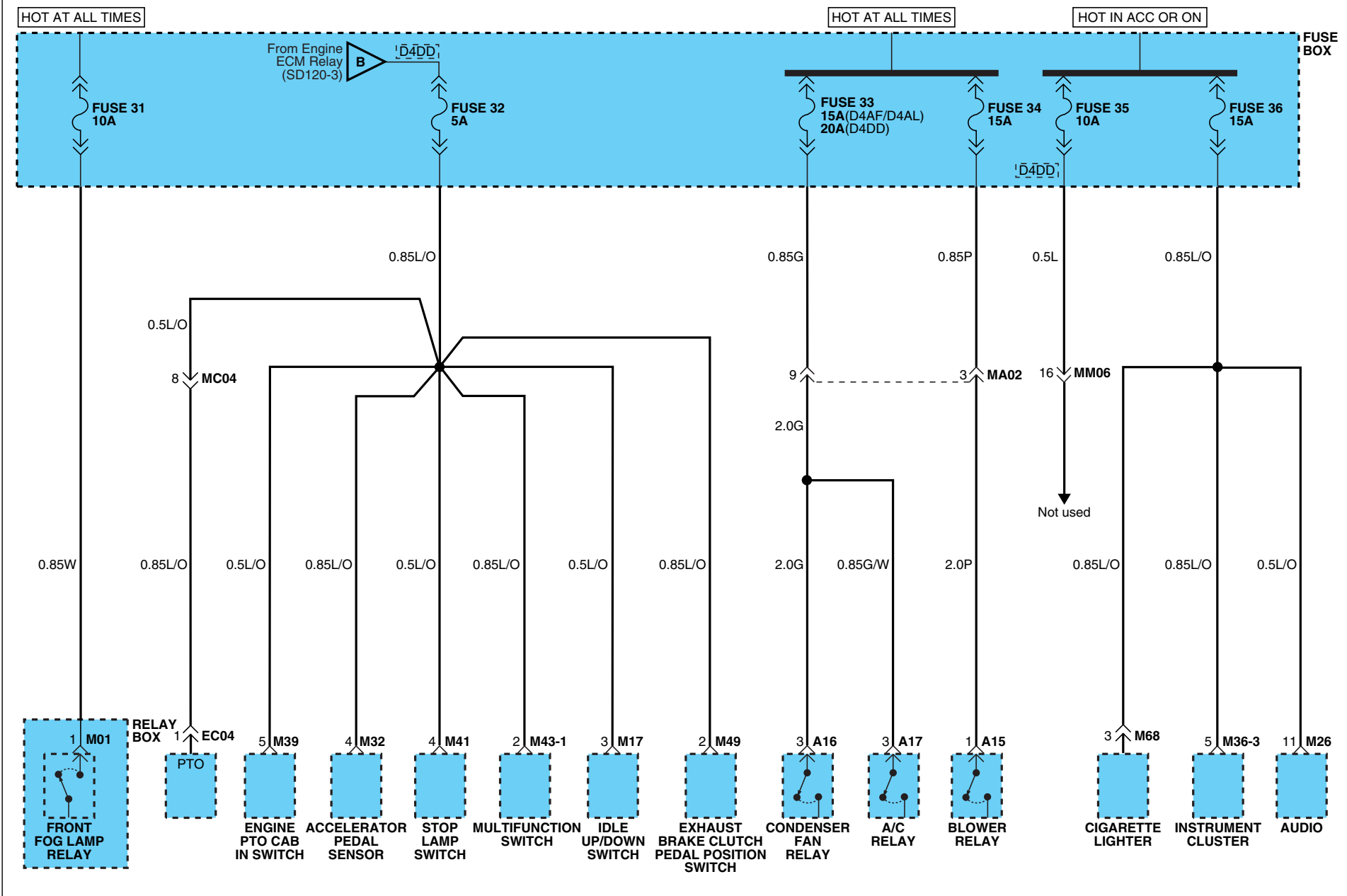
SD120-6



PASSENGER COMPARTMENT FUSE DETAILS

PASSENGER COMPARTMENT FUSE DETAILS (7)

SD120-7



PASSENGER COMPARTMENT FUSE DETAILS

PASSENGER COMPARTMENT FUSE DETAILS (8)

SD120-8

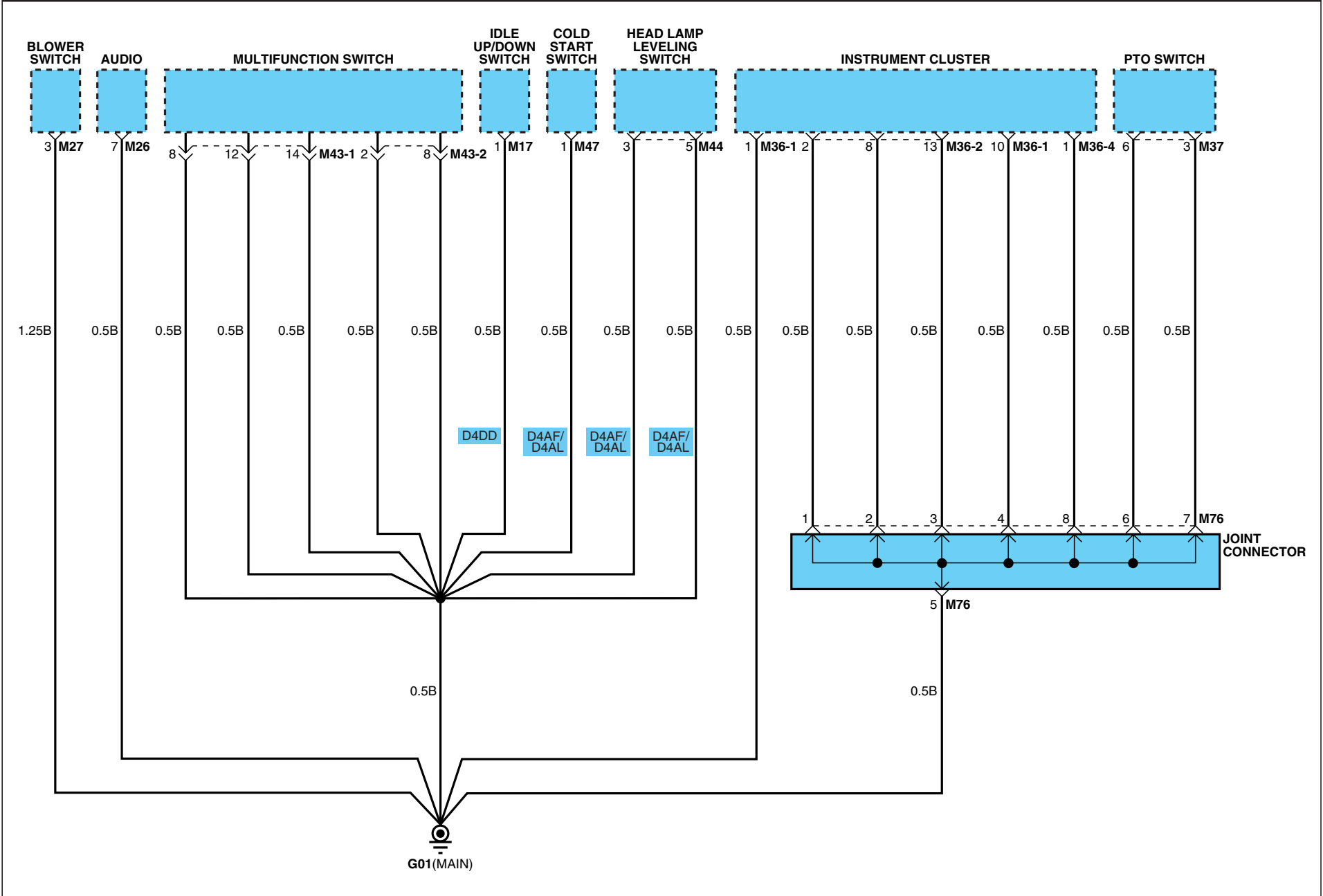
MEMO

GROUND DISTRIBUTION

EC2E9F76

GROUND DISTRIBUTION (1)

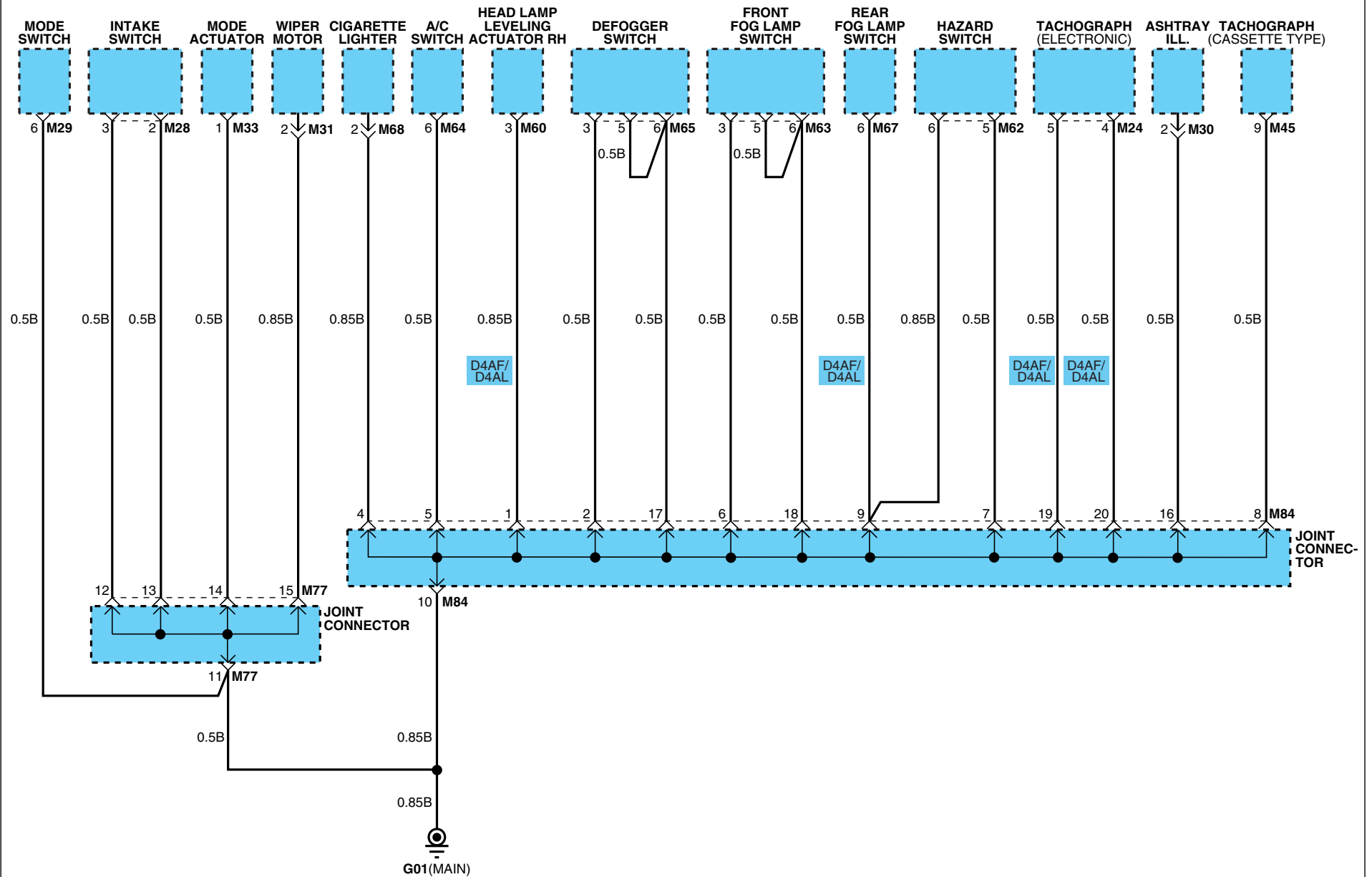
SD130-1



GROUND DISTRIBUTION

GROUND DISTRIBUTION (2)

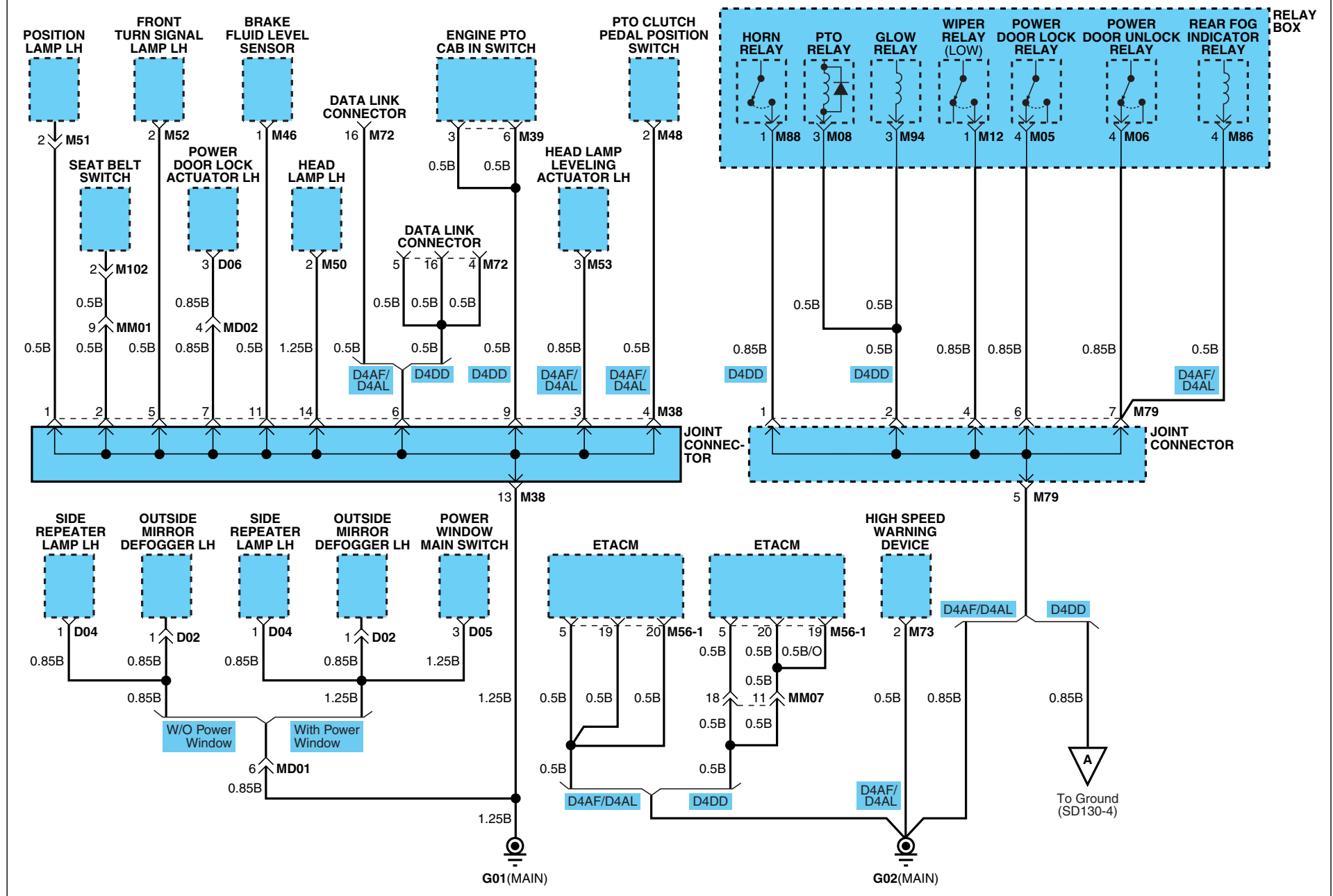
SD130-2



GROUND DISTRIBUTION

GROUND DISTRIBUTION (3)

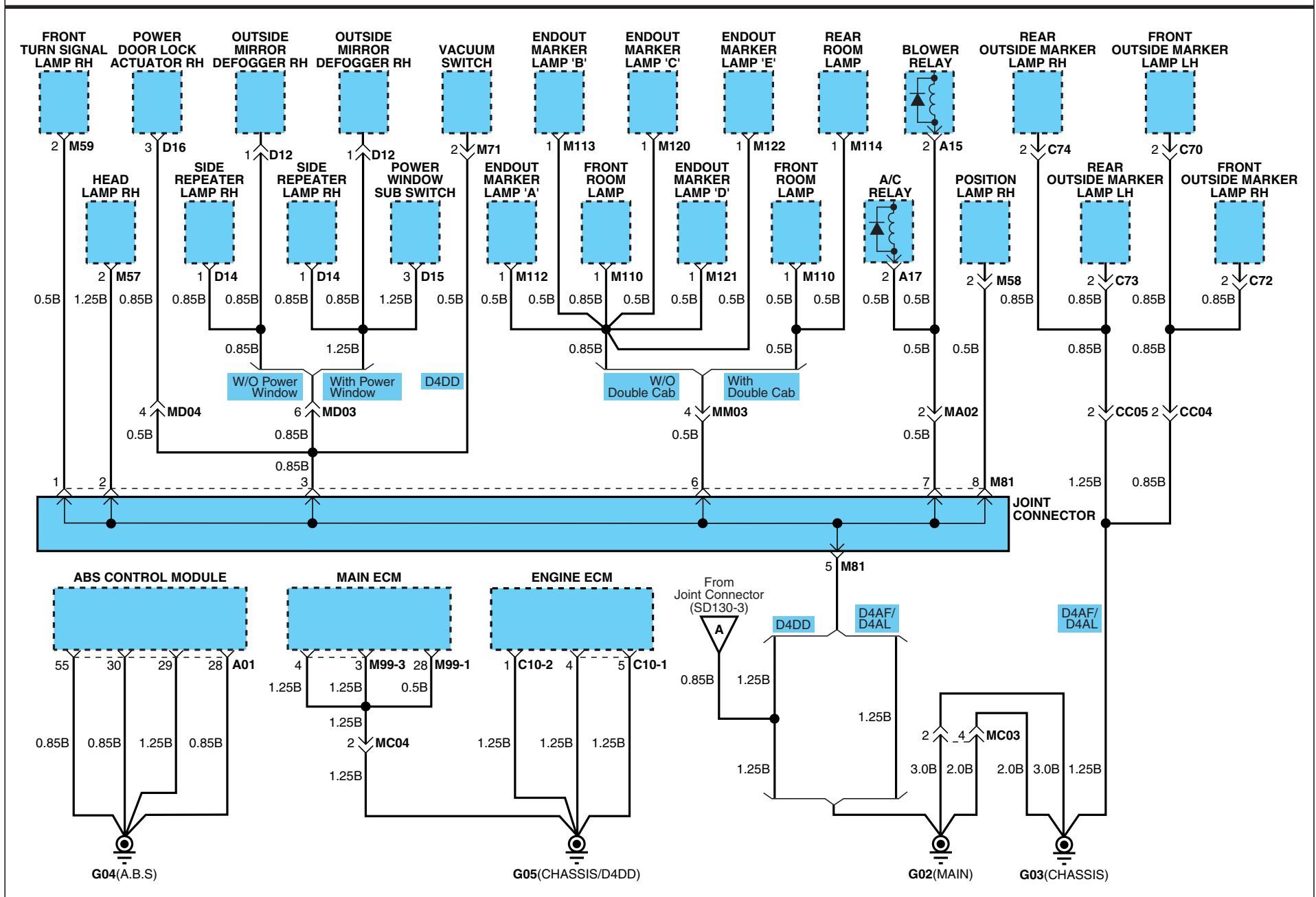
SD130-3



GROUND DISTRIBUTION

GROUND DISTRIBUTION (4)

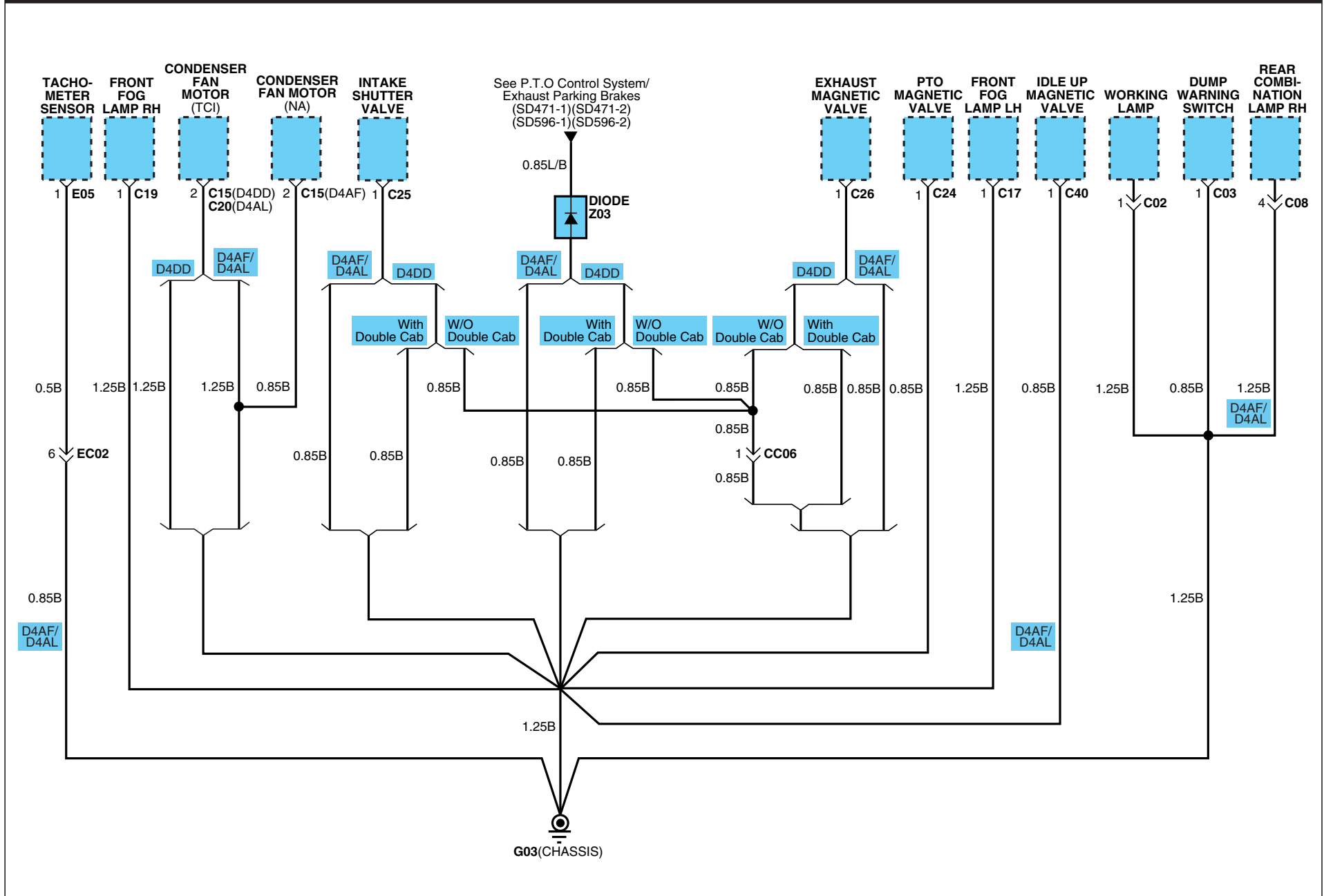
SD130-4



GROUND DISTRIBUTION

GROUND DISTRIBUTION (5)

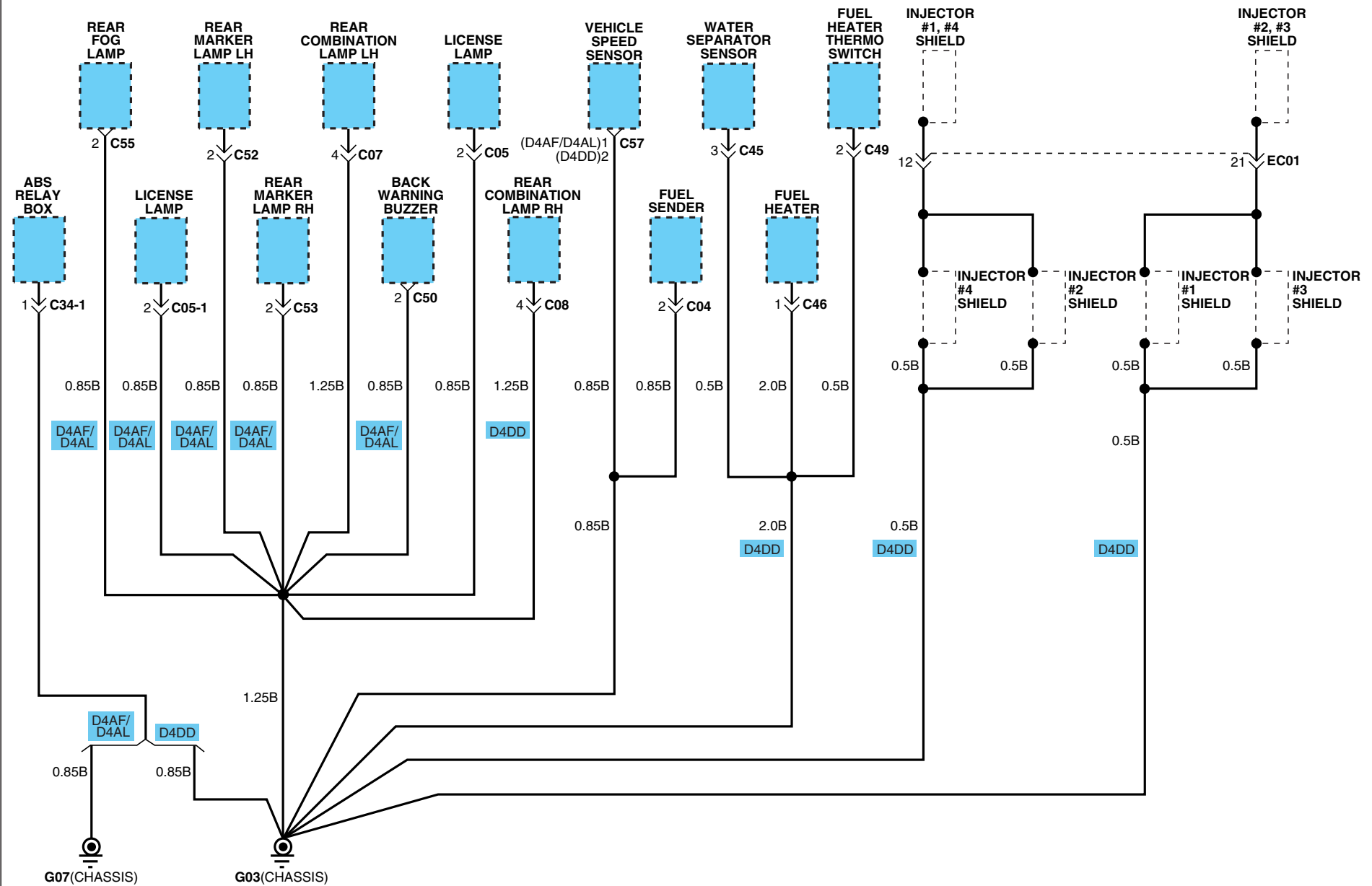
SD130-5



GROUND DISTRIBUTION

GROUND DISTRIBUTION (6)

SD130-6

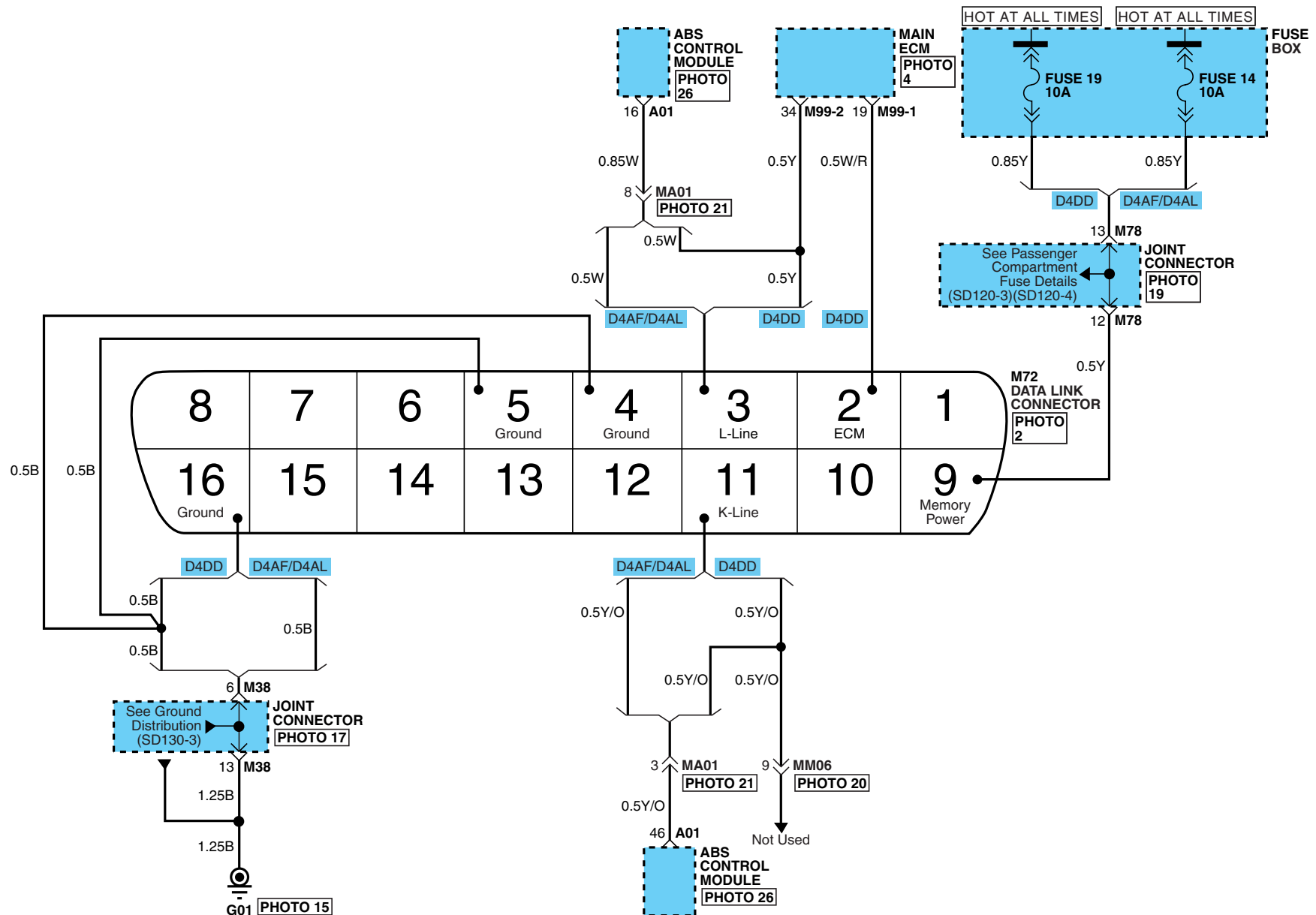


DATA LINK DETAILS

EA9D0332

DATA LINK DETAILS (1)

SD200-1



DATA LINK DETAILS

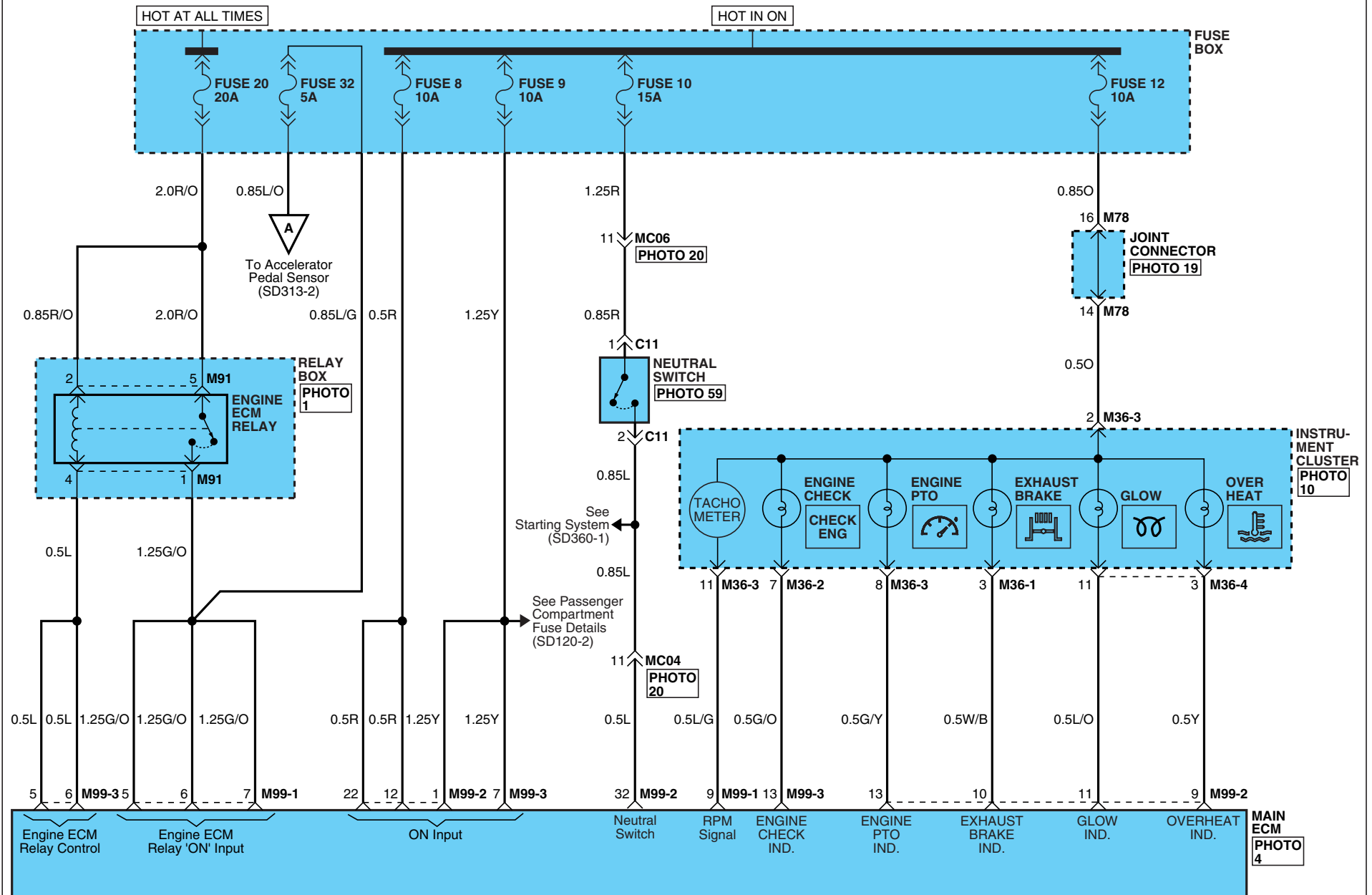
DATA LINK DETAILS (2)		SD200-2																																																																																																																							
A01 <table><tr><td>28</td><td>*</td><td>26</td><td>25</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>19</td><td>*</td><td>*</td><td>16</td><td>*</td><td>14</td><td>13</td><td>12</td><td>11</td><td>10</td><td>9</td><td>*</td><td>7</td><td>6</td><td>5</td><td>*</td><td>*</td><td>*</td><td>1</td></tr><tr><td>55</td><td>54</td><td>53</td><td>*</td><td>*</td><td>*</td><td>49</td><td>48</td><td>*</td><td>46</td><td>45</td><td>*</td><td>*</td><td>*</td><td>*</td><td>40</td><td>39</td><td>*</td><td>37</td><td>*</td><td>35</td><td>34</td><td>33</td><td>*</td><td>31</td><td>30</td><td>29</td><td></td></tr><tr><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td></tr></table> CR55F005		28	*	26	25	*	*	*	*	*	19	*	*	16	*	14	13	12	11	10	9	*	7	6	5	*	*	*	1	55	54	53	*	*	*	49	48	*	46	45	*	*	*	*	40	39	*	37	*	35	34	33	*	31	30	29		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	M72(D4AF/D4AL) <table><tr><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>3</td><td>*</td><td>*</td></tr><tr><td>16</td><td>*</td><td>*</td><td>*</td><td>*</td><td>11</td><td>*</td><td>9</td></tr></table> CR16F007		*	*	*	*	*	3	*	*	16	*	*	*	*	11	*	9	M72(D4DD) <table><tr><td>*</td><td>*</td><td>*</td><td>5</td><td>4</td><td>3</td><td>2</td><td>*</td></tr><tr><td>16</td><td>*</td><td>*</td><td>*</td><td>*</td><td>11</td><td>*</td><td>9</td></tr></table> CR16F044		*	*	*	5	4	3	2	*	16	*	*	*	*	11	*	9
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M99-1 <table><tr><td>7</td><td>6</td><td>5</td><td>*</td><td>*</td><td>*</td><td>*</td></tr><tr><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>9</td></tr><tr><td>27</td><td>*</td><td>*</td><td>*</td><td>23</td><td>22</td><td>21</td></tr><tr><td>*</td><td>*</td><td>32</td><td>*</td><td>*</td><td></td><td>28</td></tr></table> CR34F003		7	6	5	*	*	*	*	*	*	*	*	*	*	9	27	*	*	*	23	22	21	*	*	32	*	*		28	M99-2 <table><tr><td>7</td><td>6</td><td>5</td><td>*</td><td>*</td><td>2</td><td>1</td></tr><tr><td>19</td><td>*</td><td>17</td><td>16</td><td>15</td><td>14</td><td>13</td></tr><tr><td>*</td><td>*</td><td>25</td><td>24</td><td>23</td><td>22</td><td>21</td></tr><tr><td>*</td><td>34</td><td>*</td><td>32</td><td>31</td><td>*</td><td>*</td></tr></table> CR35F009		7	6	5	*	*	2	1	19	*	17	16	15	14	13	*	*	25	24	23	22	21	*	34	*	32	31	*	*	BLANK		BLANK																																																											
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MFI CONTROL SYSTEM

E87F9AB6

MFI CONTROL SYSTEM (D4DD) (1)

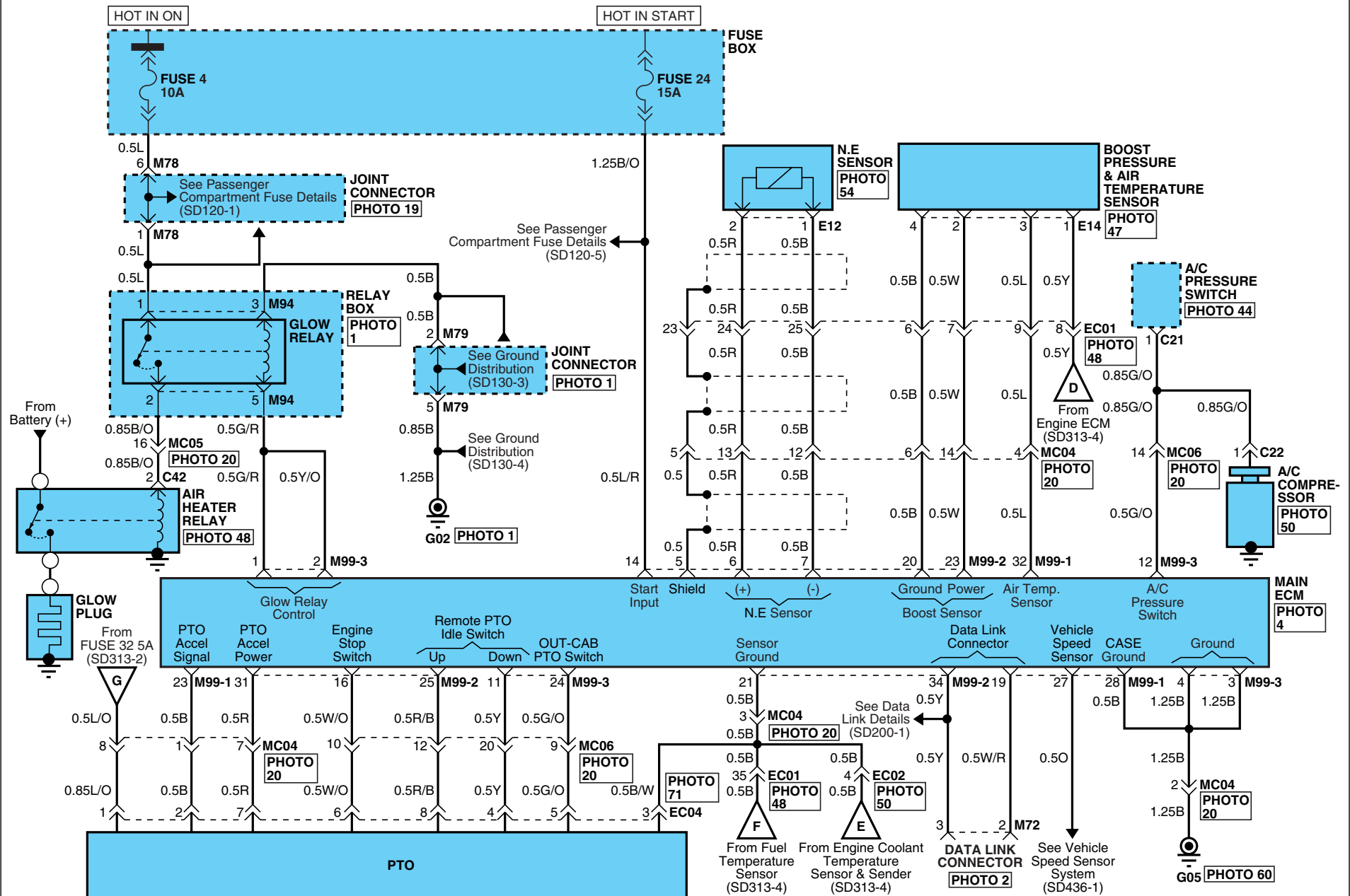
SD313-1



MFI CONTROL SYSTEM

MFI CONTROL SYSTEM (D4DD) (3)

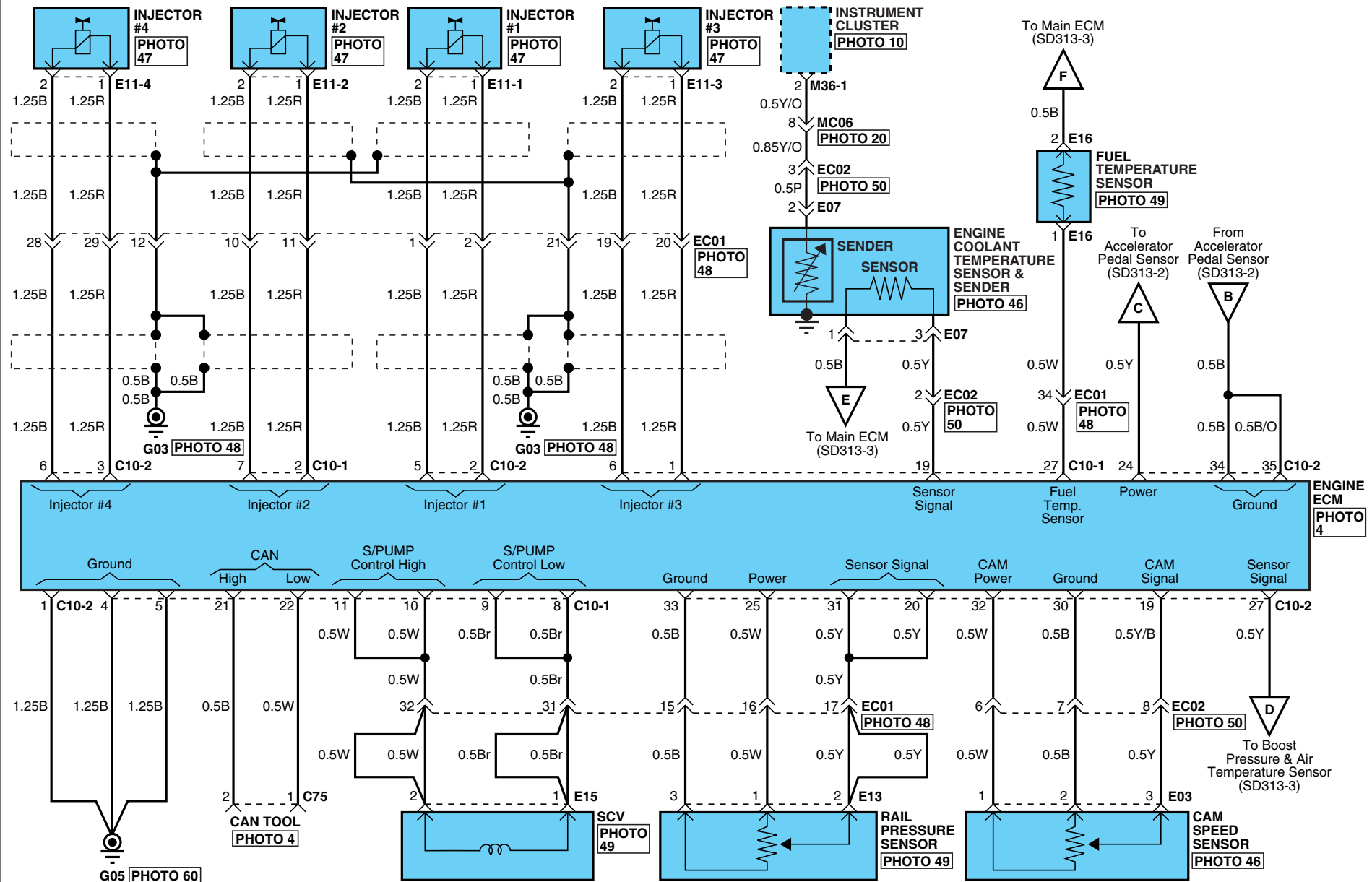
SD313-3



MFI CONTROL SYSTEM

MFI CONTROL SYSTEM (D4DD) (4)

SD313-4

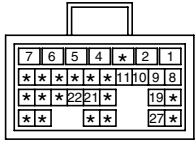


MFI CONTROL SYSTEM

MFI CONTROL SYSTEM (D4DD) (5)

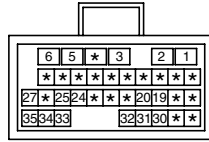
SD313-5

C10-1



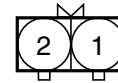
CR31F002

C10-2



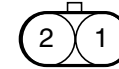
CR35F008

C11



CR02F040

C21



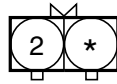
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C22



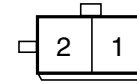
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C42



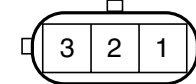
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C75



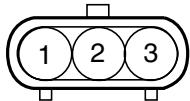
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E03



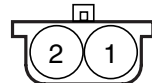
CR03F230

E07



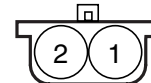
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E11-1



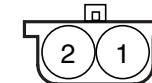
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E11-2



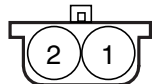
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E11-3



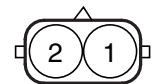
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E11-4



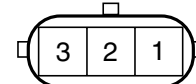
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E12



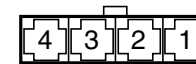
CR02F154

E13



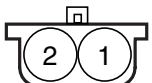
CR03F230

E14



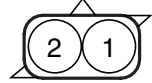
CR04F091

E15



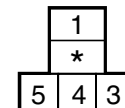
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E16



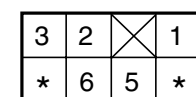
CR02F175

M15



CR05F011

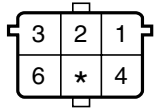
M17



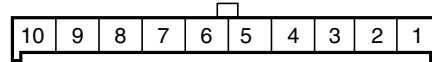
CR07F002

MFI CONTROL SYSTEM

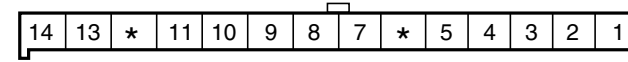
MFI CONTROL SYSTEM (D4DD) (6)

SD313-6
M32


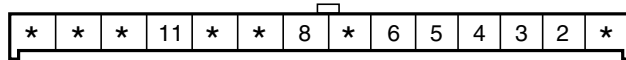
CR06F043

M36-1


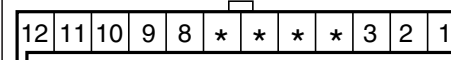
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M36-2


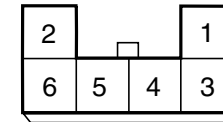
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M36-3


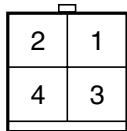
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M36-4


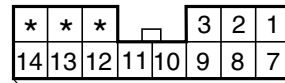
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M39


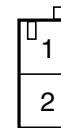
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M41


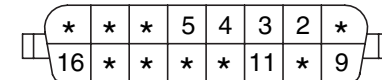
CR04F016

M43-1


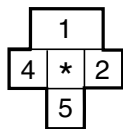
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M49


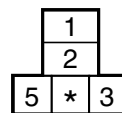
CR02F187

M72


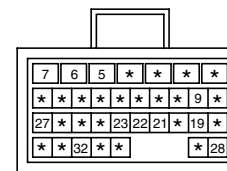
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M91


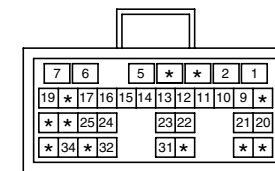
CR05F019

M94


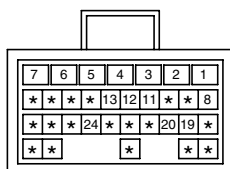
CR05F011

M99-1


CR34F003

M99-2


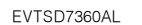
CR35F009

M99-3


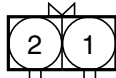
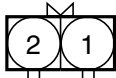
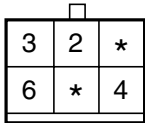
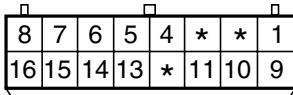
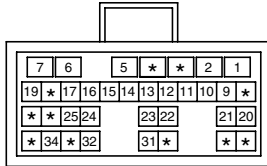
CR32F004

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BLANK
BLANK

SD360-1



STARTING SYSTEM

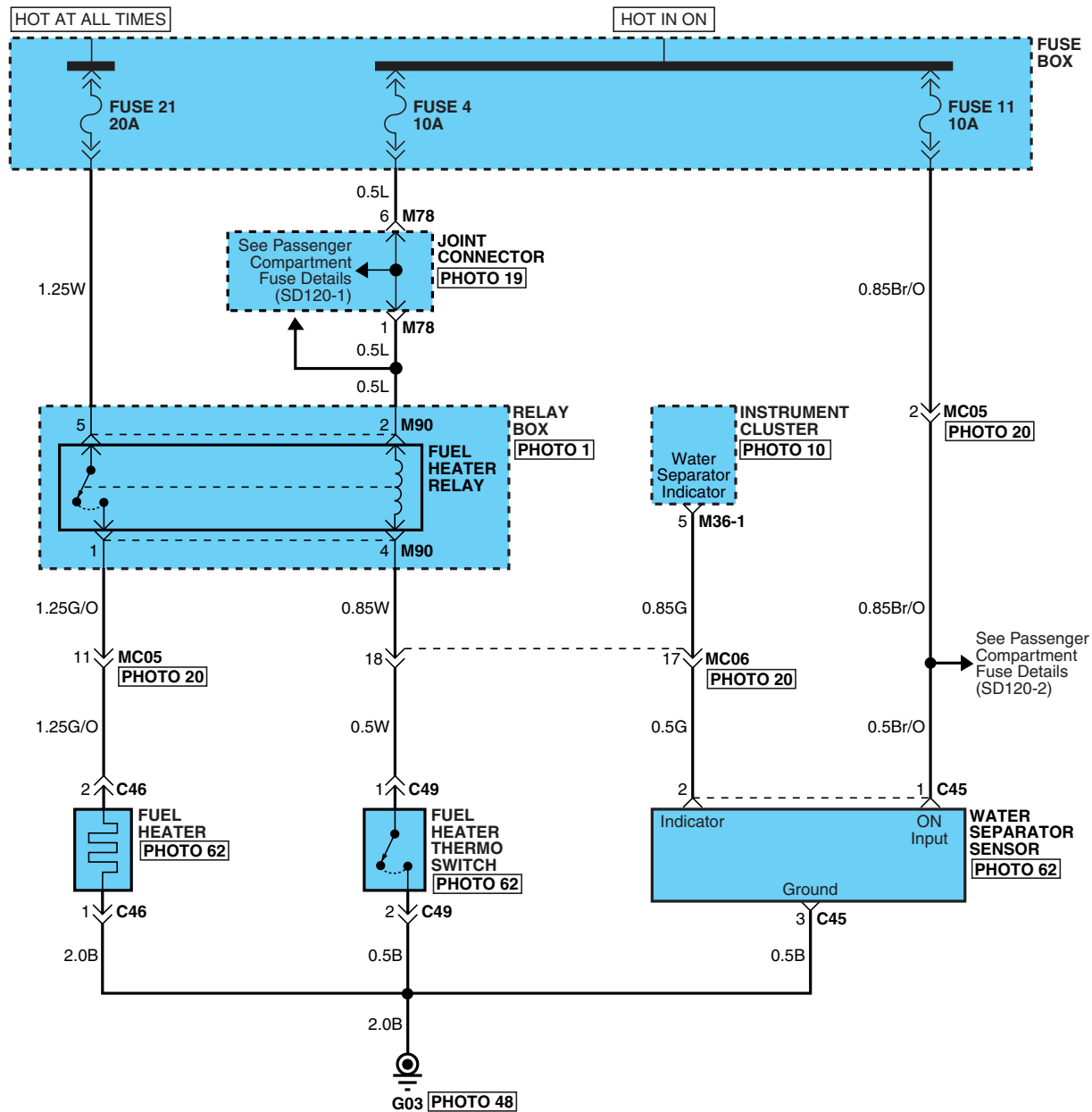
STARTING SYSTEM (2)				SD360-2
C01  CR02F040	C11  CR02F040	C13  CR01F002	C44  CR01F035	
M42  CR06F014	M56-2(D4AF/D4AL)  CR16F002	M99-2  CR35F009	BLANK	

FUEL FILTER HEATING SYSTEM

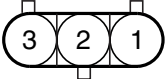
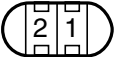
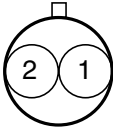
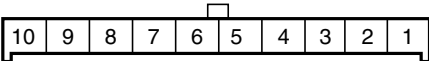
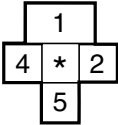
EDDDA2BA

FUEL FILTER HEATING SYSTEM (D4DD) (1)

SD361-1



FUEL FILTER HEATING SYSTEM

FUEL FILTER HEATING SYSTEM (D4DD) (2)			SD361-2
C45  CR03F083	C46  CR02F156	C49  CR02F155	M36-1  CR10F005
M90  CR05F019	BLANK	BLANK	BLANK

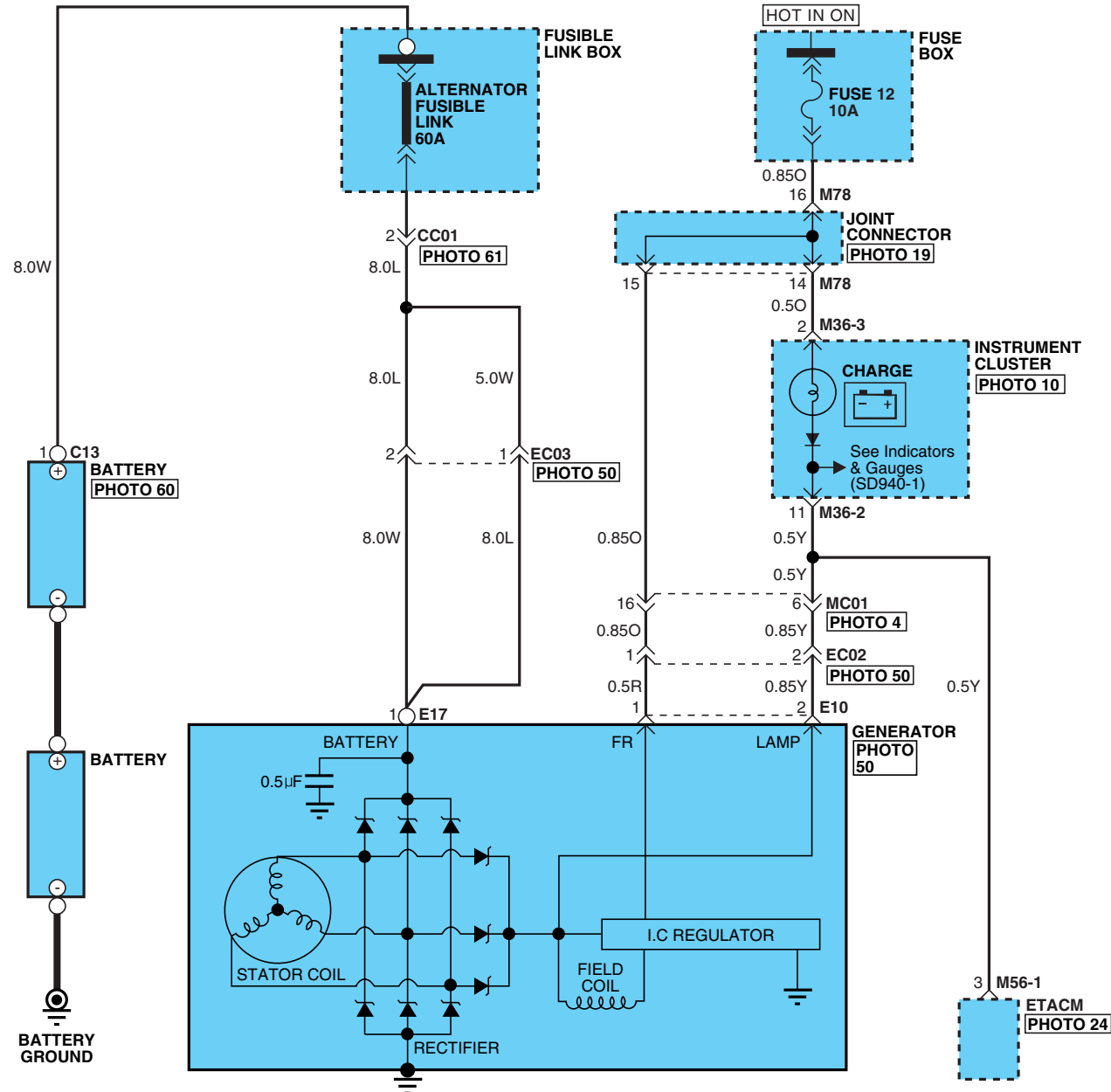
CHARGING SYSTEM

E019BE1B

CHARGING SYSTEM (1)

SD373-1

D4AF/D4AL

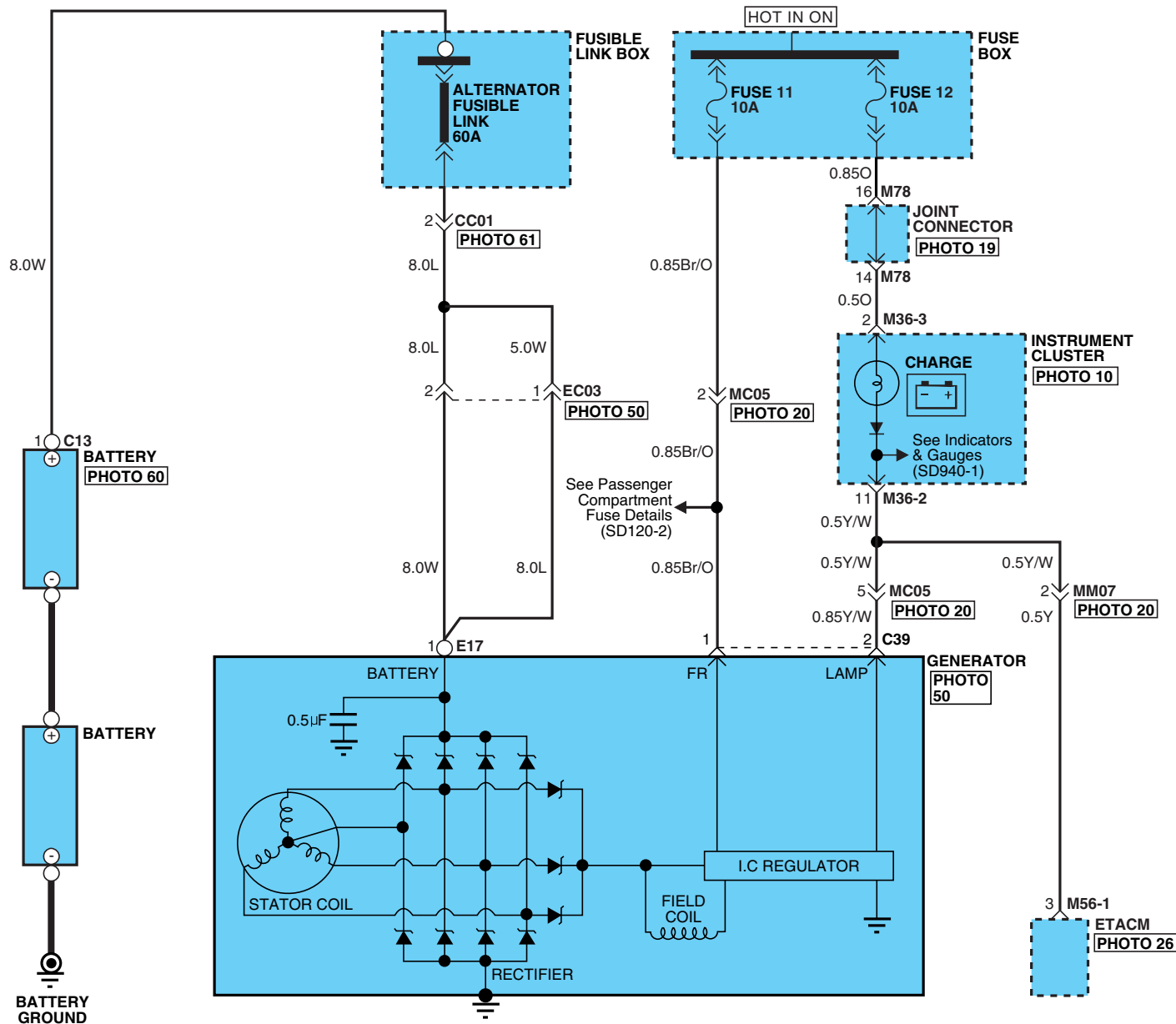


CHARGING SYSTEM

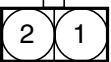
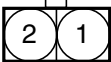
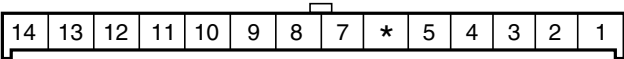
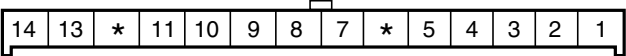
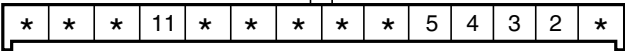
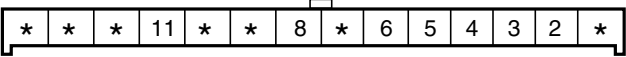
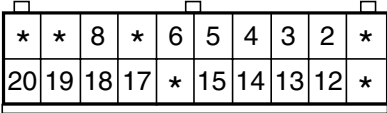
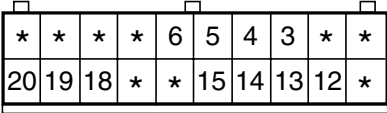
CHARGING SYSTEM (2)

SD373-2

D4DD



CHARGING SYSTEM

CHARGING SYSTEM (3)			SD373-3
C13  CR01F002	C39  CR02F002	E10(D4AF)  CR02F012	E10(D4AL)  CR02F002
E17  CR01F002	M36-2(D4AF/D4AL)  CR14F007		BLANK
M36-2(D4DD)  CR14F007		M36-3(D4AF/D4AL)  CR14F007	
M36-3(D4DD)  CR14F007		M56-1(D4AF/D4AL)  CR20F001	M56-1(D4DD)  CR20F001

CHARGING SYSTEM

CHARGING SYSTEM (4)

SD373-4

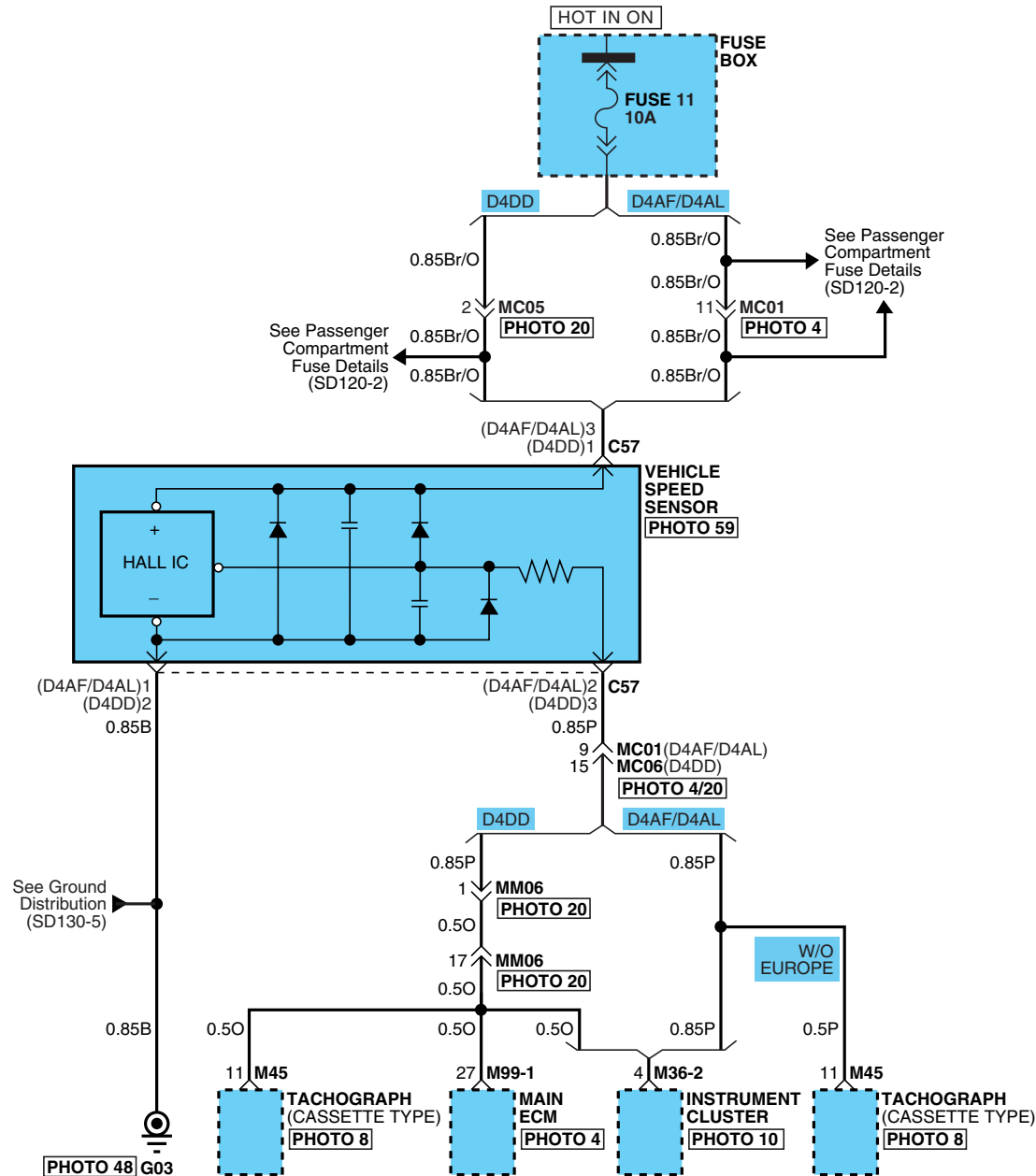
MEMO

VEHICLE SPEED SENSOR SYSTEM

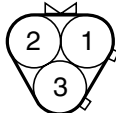
E38A1D8C

VEHICLE SPEED SENSOR SYSTEM (1)

SD436-1



VEHICLE SPEED SENSOR SYSTEM

VEHICLE SPEED SENSOR SYSTEM (2)												SD436-2																																																																		
C57  CR03F020				M36-2(D4AF/D4AL) <table><tr><td>14</td><td>13</td><td>12</td><td>11</td><td>10</td><td>9</td><td>8</td><td>7</td><td>*</td><td>5</td><td>4</td><td>3</td><td>2</td><td>1</td></tr></table> CR14F007								14	13	12	11	10	9	8	7	*	5	4	3	2	1	BLANK																																																				
14	13	12	11	10	9	8	7	*	5	4	3	2	1																																																																	
M36-2(D4DD) <table><tr><td>14</td><td>13</td><td>*</td><td>11</td><td>10</td><td>9</td><td>8</td><td>7</td><td>*</td><td>5</td><td>4</td><td>3</td><td>2</td><td>1</td></tr></table> CR14F007						14	13	*	11	10	9	8	7	*	5	4	3	2	1	M45 <table><tr><td>*</td><td>9</td><td>8</td><td>7</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td></tr><tr><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>12</td><td>11</td></tr></table> CR20F001				*	9	8	7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	12	11	M99-1 <table><tr><td>7</td><td>6</td><td>5</td><td>*</td><td>*</td><td>*</td><td>*</td></tr><tr><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>9</td><td>*</td></tr><tr><td>27</td><td>*</td><td>*</td><td>23</td><td>22</td><td>21</td><td>19</td><td>*</td></tr><tr><td>*</td><td>*</td><td>32</td><td>*</td><td>*</td><td></td><td></td><td>* 28</td></tr></table> CR34F003				7	6	5	*	*	*	*	*	*	*	*	*	*	9	*	27	*	*	23	22	21	19	*	*	*	32	*	*			* 28
14	13	*	11	10	9	8	7	*	5	4	3	2	1																																																																	
*	9	8	7	*	*	*	*	*	*																																																																					
*	*	*	*	*	*	*	*	12	11																																																																					
7	6	5	*	*	*	*																																																																								
*	*	*	*	*	*	9	*																																																																							
27	*	*	23	22	21	19	*																																																																							
*	*	32	*	*			* 28																																																																							

SD471-1

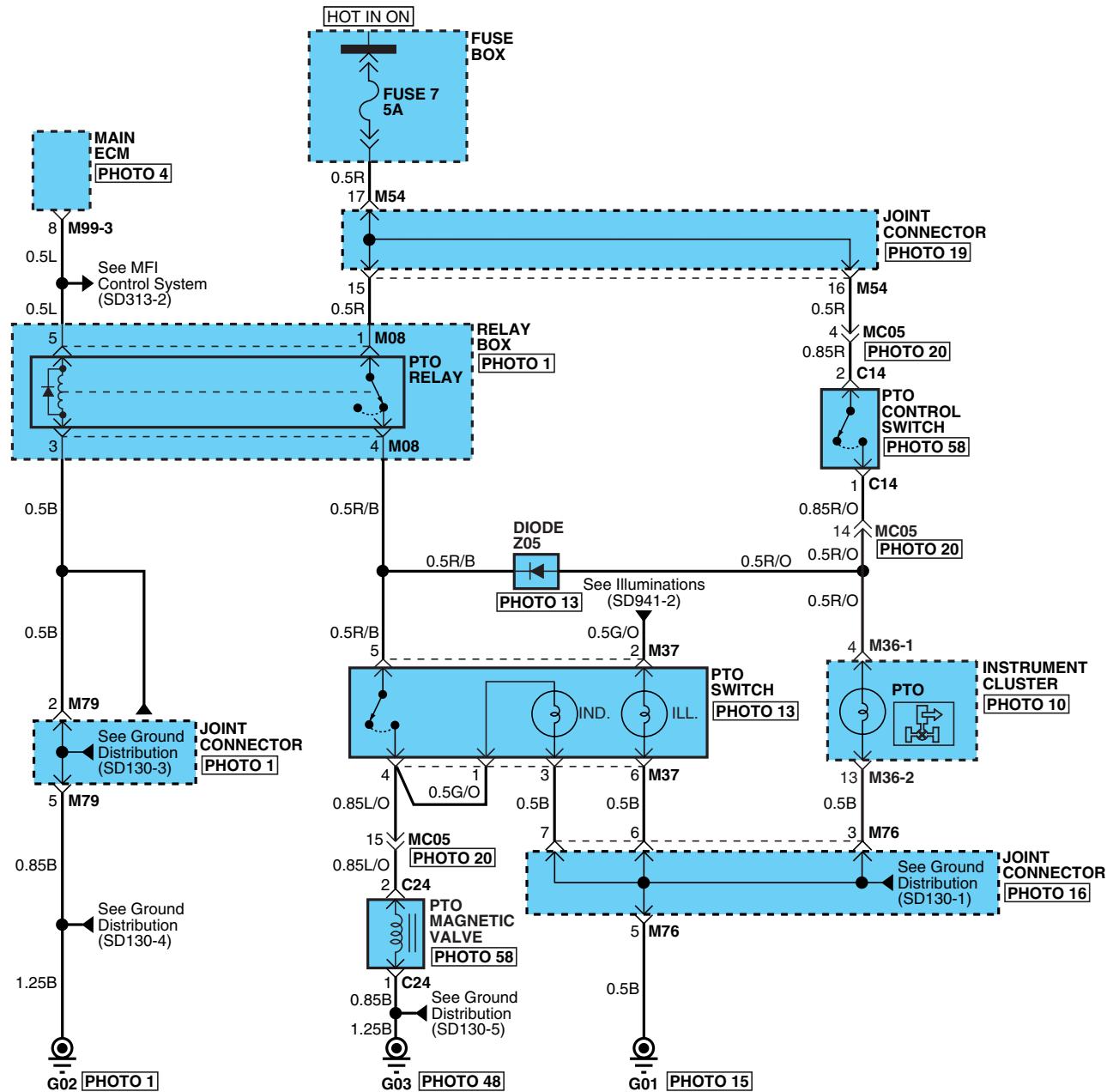


P.T.O CONTROL SYSTEM

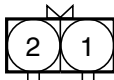
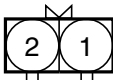
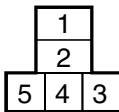
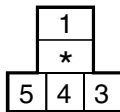
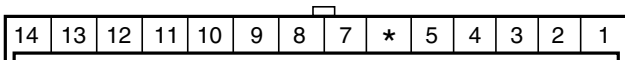
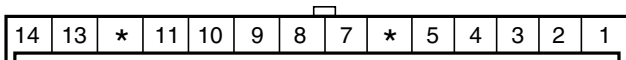
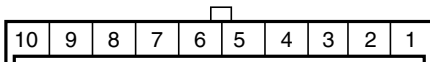
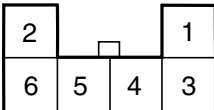
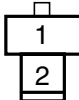
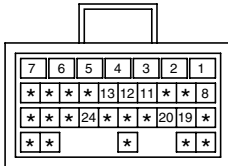
P.T.O CONTROL SYSTEM (2)

SD471-2

D4DD



P.T.O CONTROL SYSTEM

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	

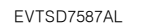
P.T.O CONTROL SYSTEM

P.T.O CONTROL SYSTEM (4)

SD471-4

MEMO

SD587-1



ABS CONTROL SYSTEM

ABS CONTROL SYSTEM (3)

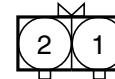
SD587-3

A01

28	*	26	25	*	*	*	*	*	19	*	*	16	*	14	13	12	11	10	9	*	7	6	5	*	*	*	1
55	54	53	*	*	*	49	48	*	46	45	*	*	*	*	40	39	*	37	*	35	34	33	*	31	30	29	
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

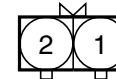
CR55F005

C30



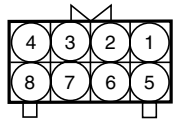
CR02F040

C31



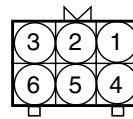
CR02F040

C32



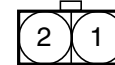
CR08F021

C34-1



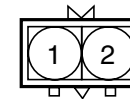
CR06F016

C34-2



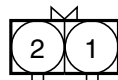
CR02F002

C36



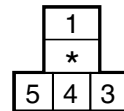
CR02M017

C37



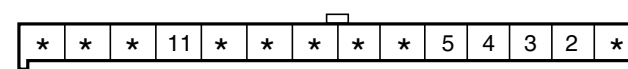
CR02F040

M15



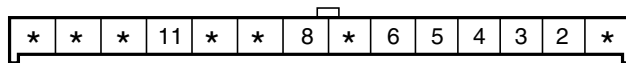
CR05F011

M36-3(D4AF/D4AL)



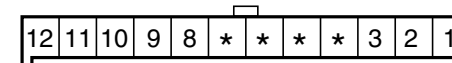
CR14F007

M36-3(D4DD)



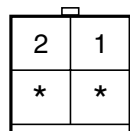
CR14F007

M36-4



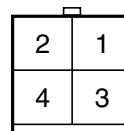
CR12F001

M41(D4AF/D4AL)



CR04F016

M41(D4DD)



CR04F016

M72(D4AF/D4AL)



CR16F007

M72(D4DD)



CR16F044

ABS CONTROL SYSTEM

ABS CONTROL SYSTEM (4)

SD587-4

MEMO

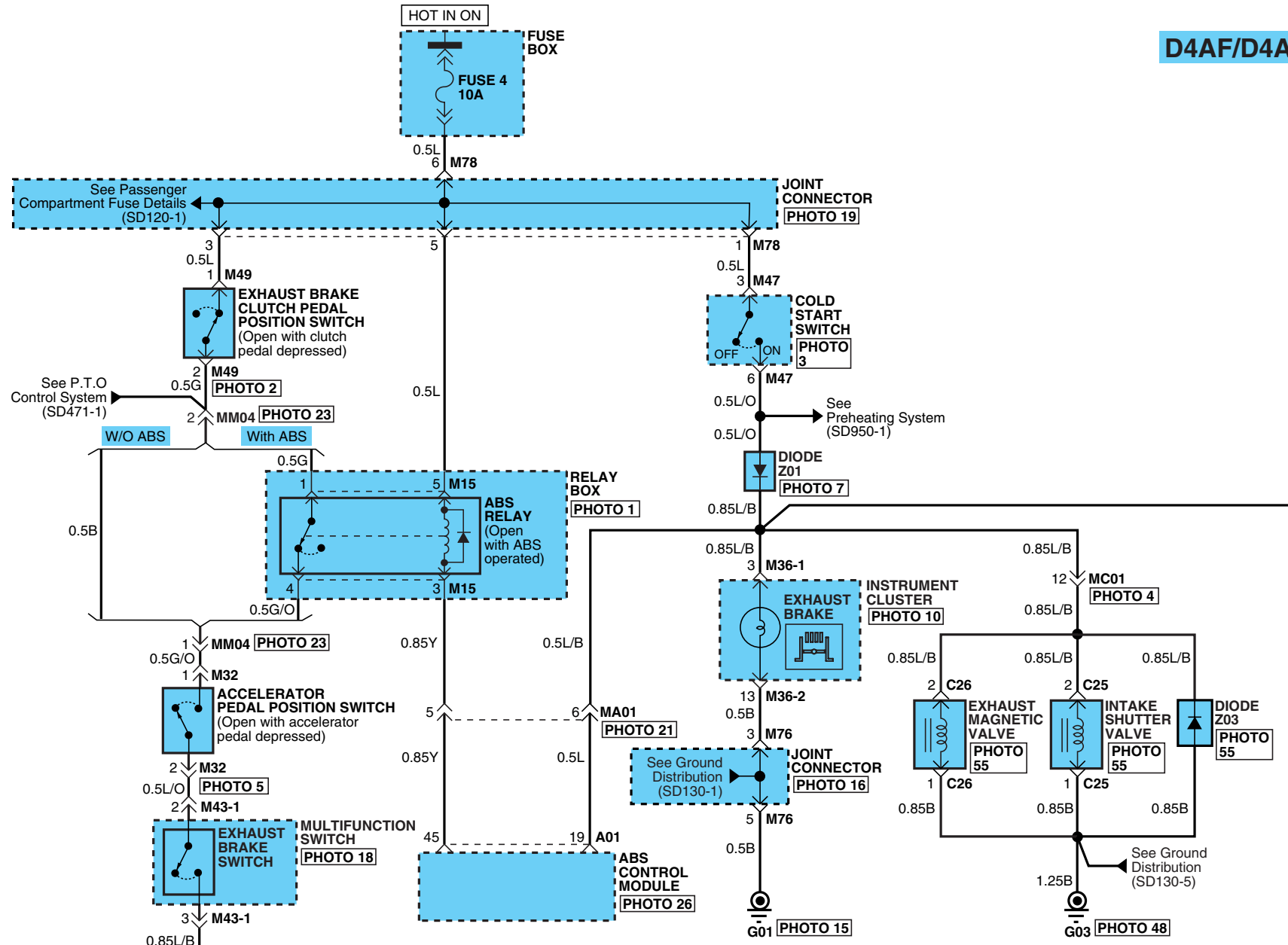
EXHAUST PARKING BRAKES

E797D4F8

EXHAUST PARKING BRAKES (1)

SD596-1

D4AF/D4AL

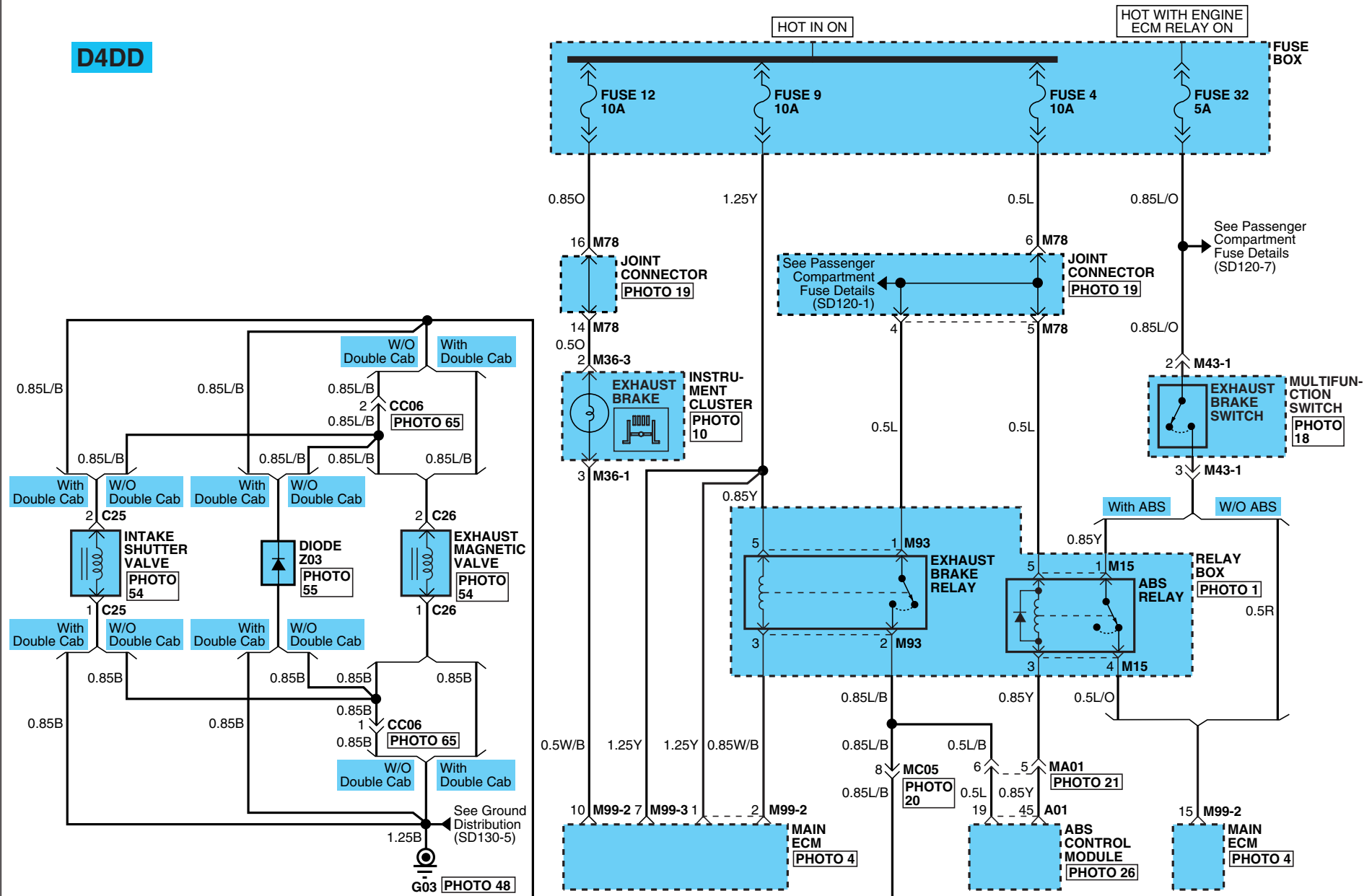


EXHAUST PARKING BRAKES

EXHAUST PARKING BRAKES (2)

SD596-2

D4DD



EXHAUST PARKING BRAKES

EXHAUST PARKING BRAKES (3)

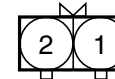
SD596-3

A01

28	*	26	25	*	*	*	*	*	19	*	*	16	*	14	13	12	11	10	9	*	7	6	5	*	*	*	1
55	54	53	*	*	*	49	48	*	46	45	*	*	*	*	40	39	*	37	*	35	34	33	*	31	30	29	
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

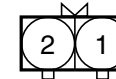
CR55F005

C25



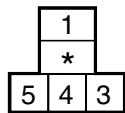
CR02F040

C26



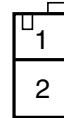
CR02F040

M15



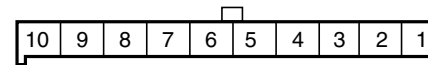
CR05F011

M32



CR02F187

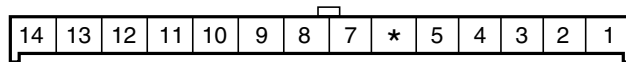
M36-1



CR10F005

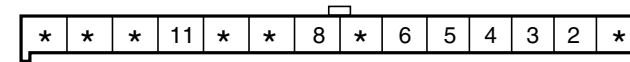
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M36-2(D4AF/D4AL)



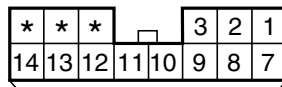
CR14F007

M36-3(D4DD)



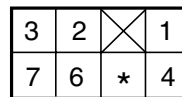
CR14F007

M43-1



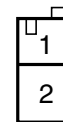
CR14F019

M47



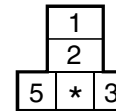
CR07F002

M49



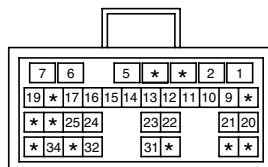
CR02F187

M93



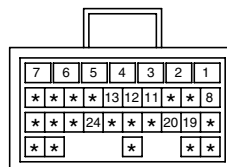
CR05F011

M99-2



CR35F009

M99-3



CR32F004

BLANK

BLANK

EXHAUST PARKING BRAKES

EXHAUST PARKING BRAKES (4)

SD596-4

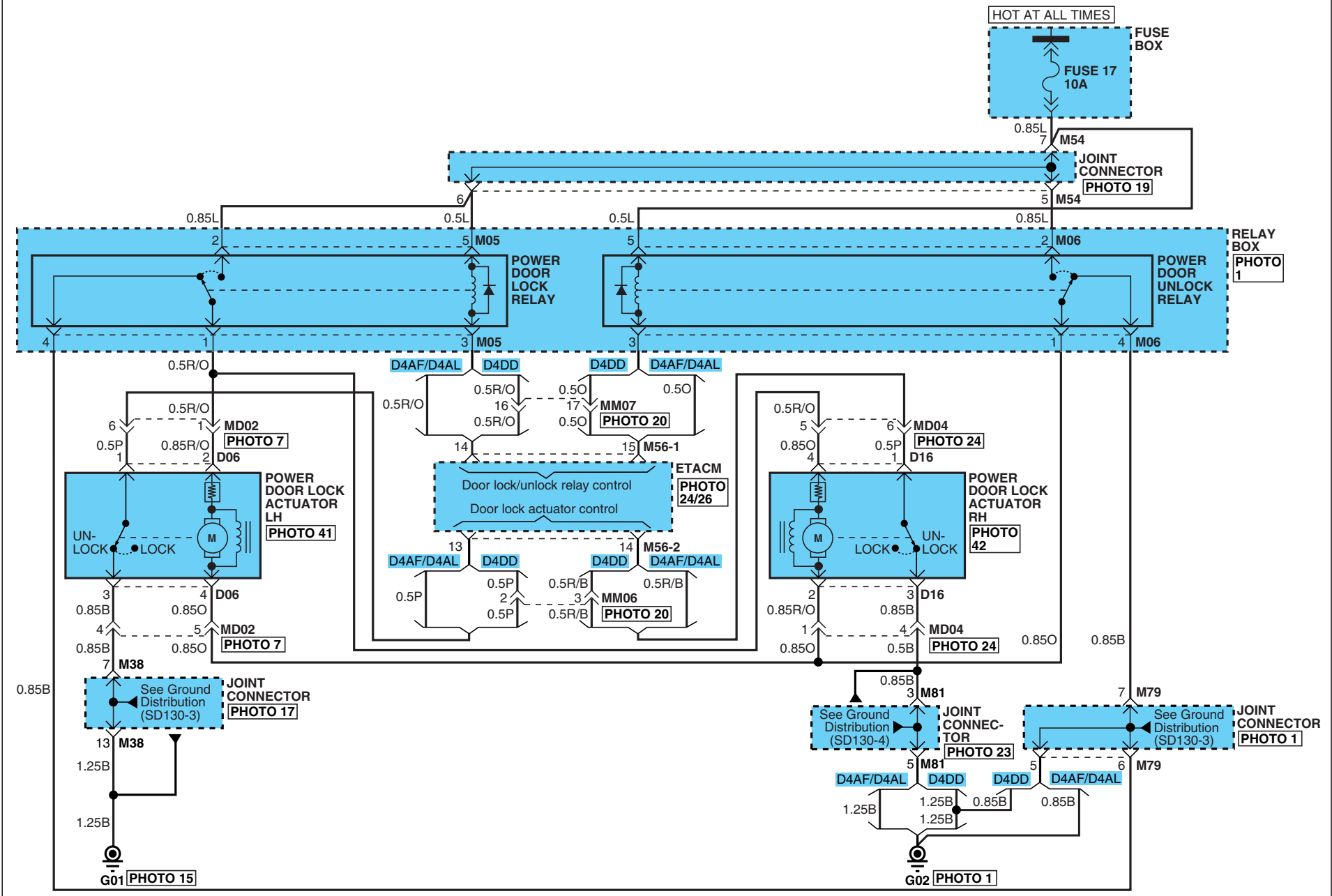
MEMO

POWER DOOR LOCKS

ED034227

POWER DOOR LOCKS (1)

SD813-1

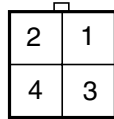


POWER DOOR LOCKS

POWER DOOR LOCKS (2)

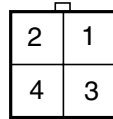
SD813-2

D06



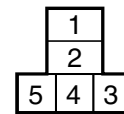
CR04F001

D16



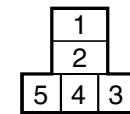
CR04F001

M05



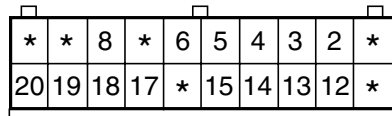
CR05F011

M06



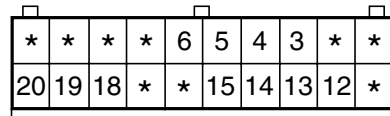
CR05F011

M56-1(D4AF/D4AL)



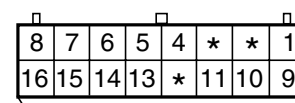
CR20F001

M56-1(D4DD)



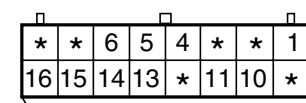
CR20F001

M56-2(D4AF/D4AL)



CR16F002

M56-2(D4DD)



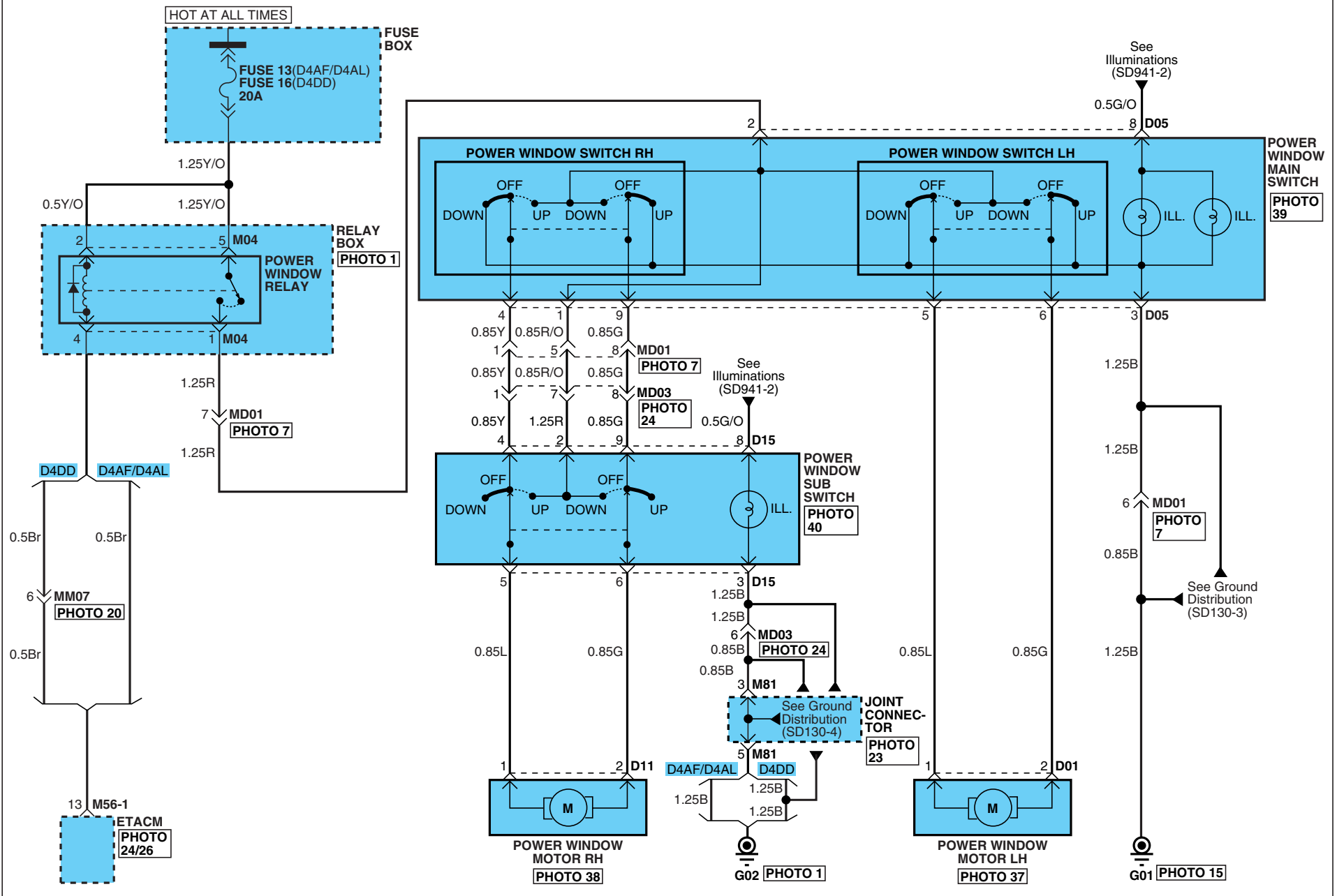
CR16F002

POWER WINDOWS

EB8321D0

POWER WINDOWS (1)

SD824-1

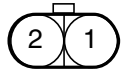


POWER WINDOWS

POWER WINDOWS (2)

SD824-2

D01



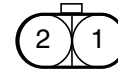
CR02F001

D05

4	3		2	1
9	8	*	6	5

CR09F001

D11



CR02F011

D15

4	3		2	*
9	8	*	6	5

CR09F001

M04

	1	
4	*	2
	5	

CR05F019

M56-1(D4AF/D4AL)

*	*	8	*	6	5	4	3	2	*
20	19	18	17	*	15	14	13	12	*

CR20F001

M56-1(D4DD)

*	*	*	*	6	5	4	3	*	*
20	19	18	*	*	15	14	13	12	*

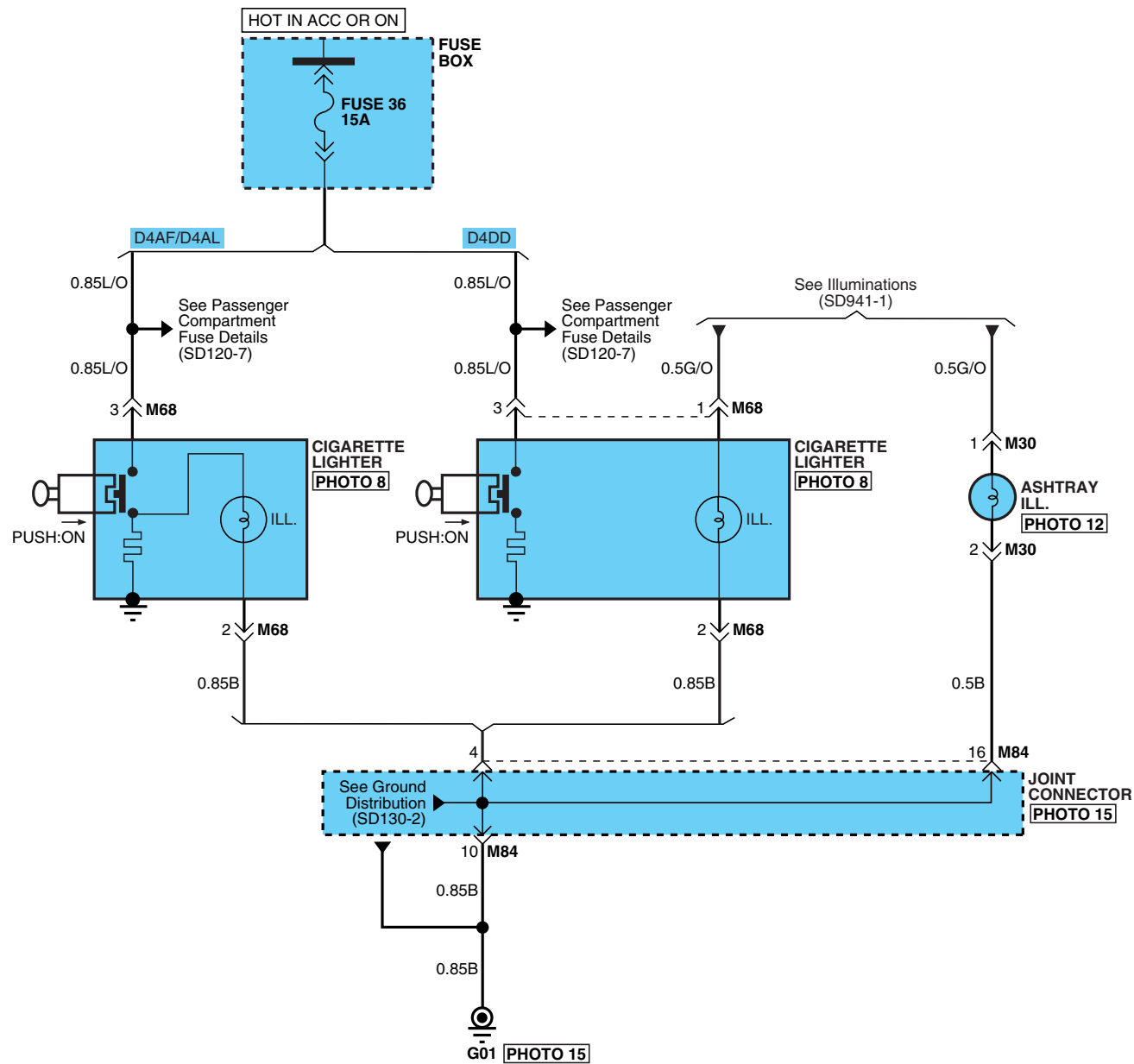
CR20F001

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CIGARETTE LIGHTER EBBE1B7D

CIGARETTE LIGHTER (1)

SD846-1

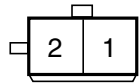


CIGARETTE LIGHTER

CIGARETTE LIGHTER (2)

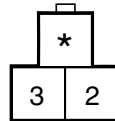
SD846-2

M30



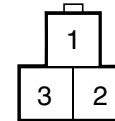
CR02F046

M68(D4AF/D4AL)



CR03F005

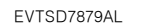
M68(D4DD)



CR03F005

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SD879-1

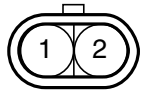


OUTSIDE MIRROR DEFOGGER

OUTSIDE MIRROR DEFOGGER (2)

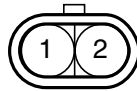
SD879-2

D02



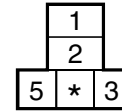
CR02M002

D12



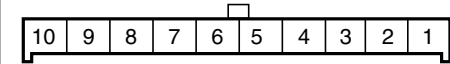
CR02M002

M07



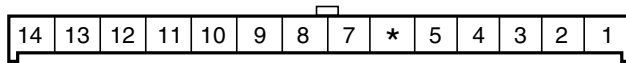
CR05F011

M36-1



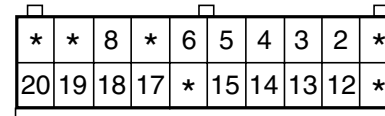
CR10F005

M36-2(D4AF/D4AL)



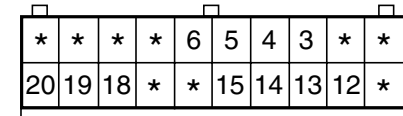
CR14F007

M56-1(D4AF/D4AL)



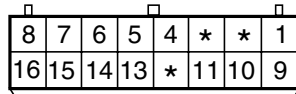
CR20F001

M56-1(D4DD)



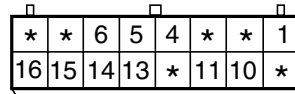
CR20F001

M56-2(D4AF/D4AL)



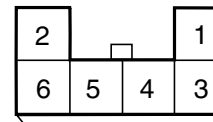
CR16F002

M56-2(D4DD)



CR16F002

M65



CR06F017

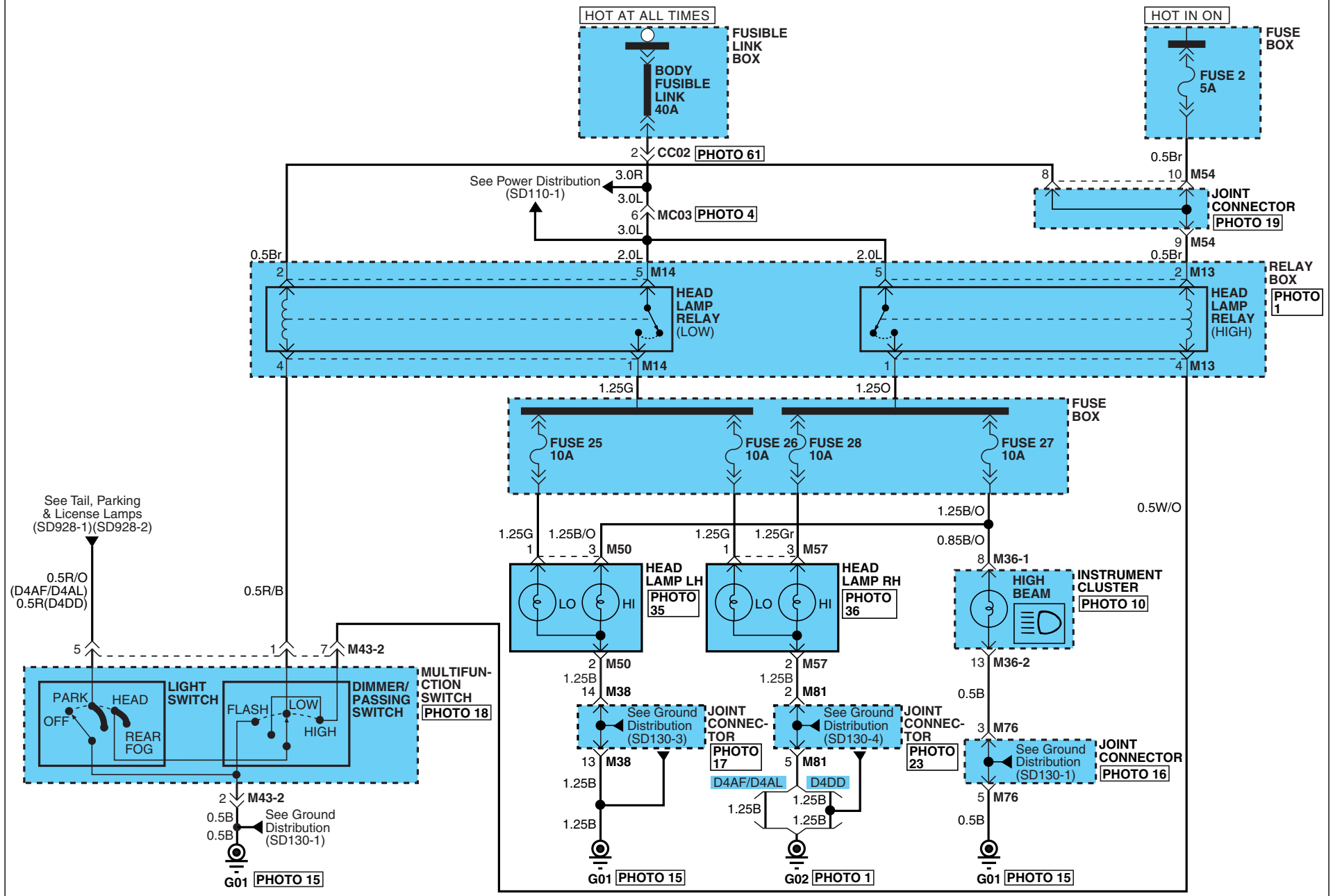
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HEAD LAMPS

EBF4153D

HEAD LAMPS (1)

SD921-1



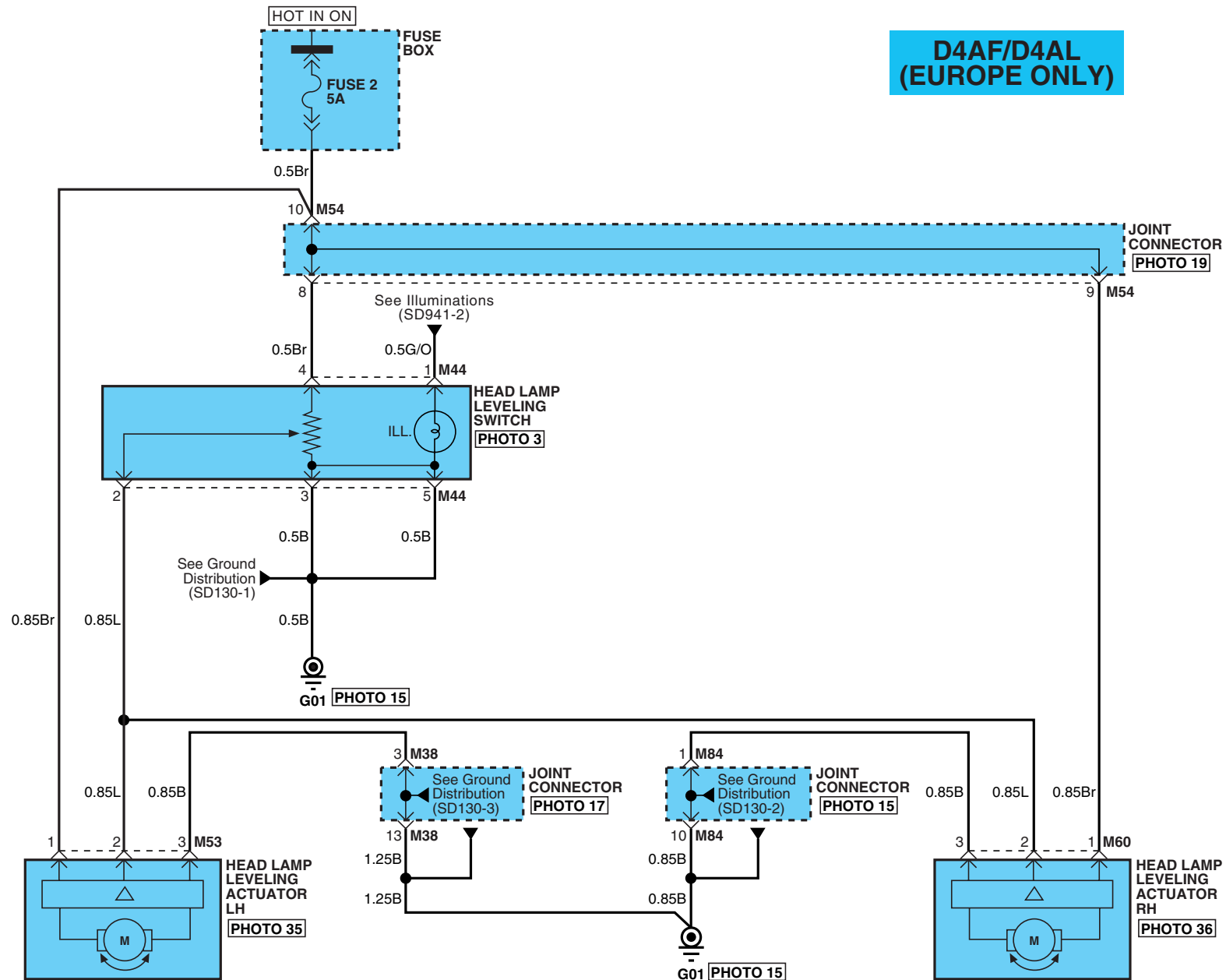
HEAD LAMPS

HEAD LAMPS (2)				SD921-2
M13 1 4 * 2 5 CR05F019	M14 1 4 * 2 5 CR05F019	M36-1 10 9 8 7 6 5 4 3 2 1 CR10F005	BLANK	
M36-2(D4AF/D4AL) 14 13 12 11 10 9 8 7 * 5 4 3 2 1 CR14F007		M36-2(D4DD) 14 13 * 11 10 9 8 7 * 5 4 3 2 1 CR14F007		
M43-2(D4AF/D4AL) * * 2 1 10 9 8 7 6 5 CR10F014	M43-2(D4DD) * * 2 1 10 9 8 7 * 5 CR10F014	M50 2 1 3 CR03F020	M57 2 1 3 CR03F020	

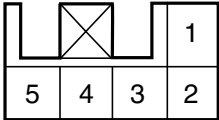
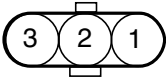
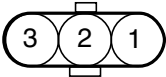
HEAD LAMP LEVELING DEVICE E911E10E

HEAD LAMP LEVELING DEVICE (1)

SD922-1



HEAD LAMP LEVELING DEVICE

HEAD LAMP LEVELING DEVICE (2)			SD922-2
M44  CR05F013	M53  CR03F001	M60  CR03F001	BLANK

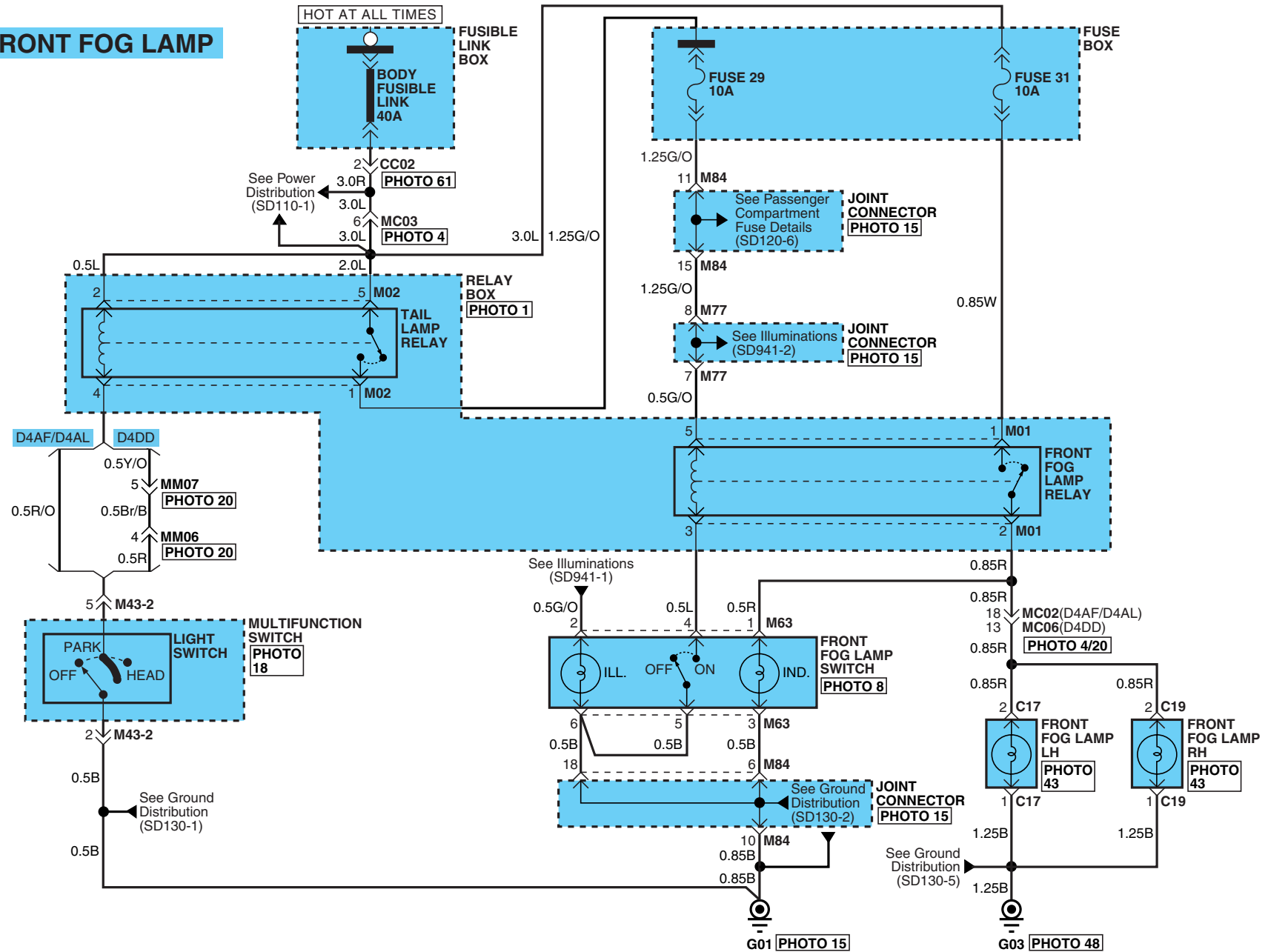
FOG LAMPS

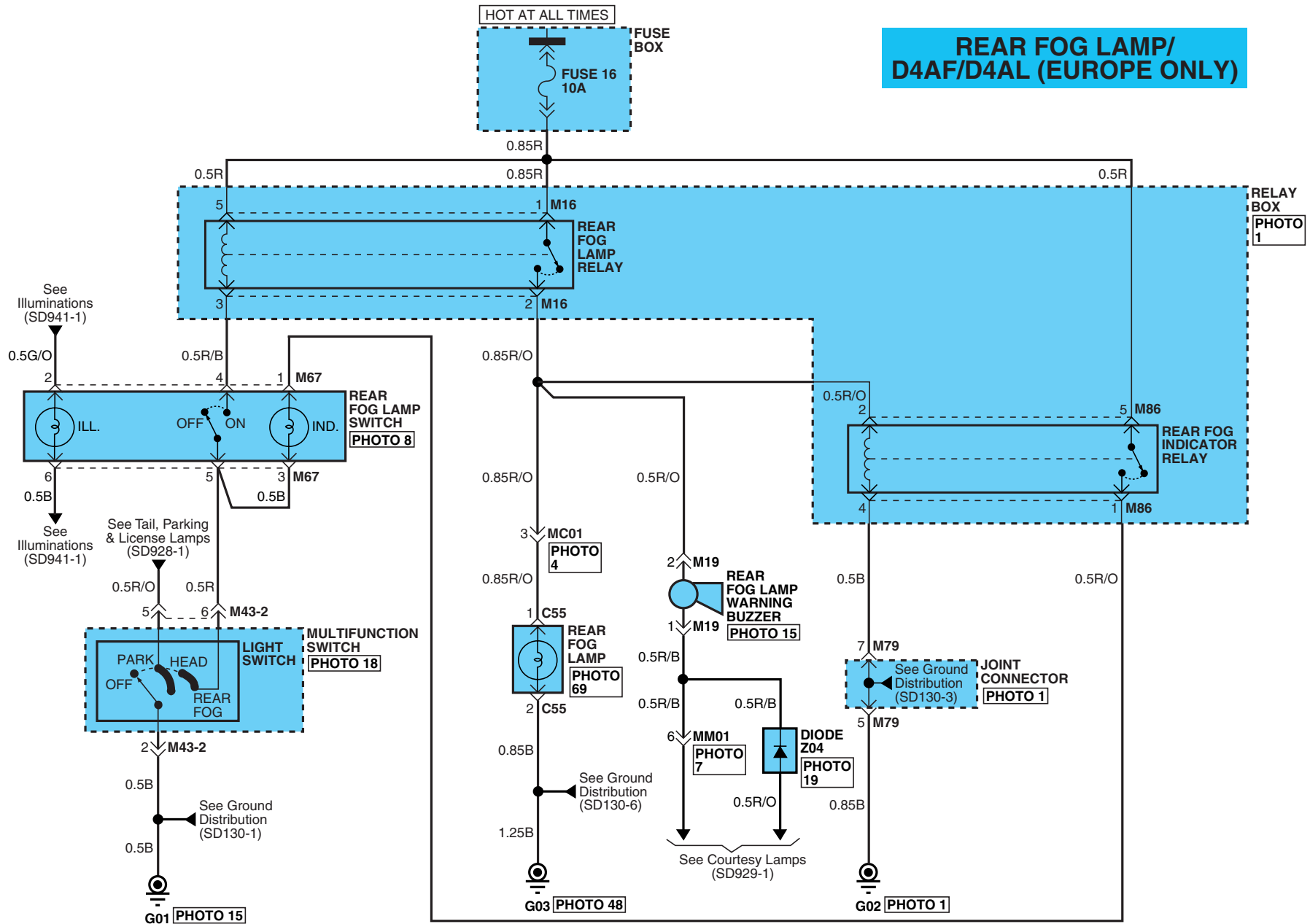
EDEBA7B4

FOG LAMPS (1)

SD924-1

FRONT FOG LAMP



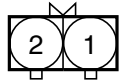


FOG LAMPS

FOG LAMPS (3)

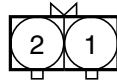
SD924-3

C17



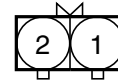
CR02F040

C19



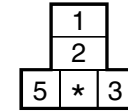
CR02F040

C55



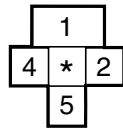
CR02F040

M01



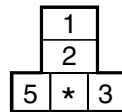
CR05F011

M02



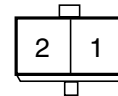
CR05F019

M16



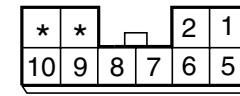
CR05F011

M19



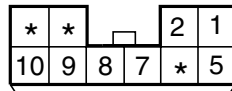
CR02F049

M43-2(D4AF/D4AL)



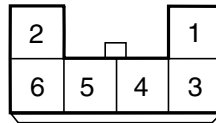
CR10F014

M43-2(D4DD)



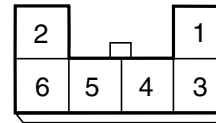
CR10F014

M63



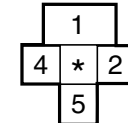
CR06F017

M67



CR06F017

M86



CR05F019

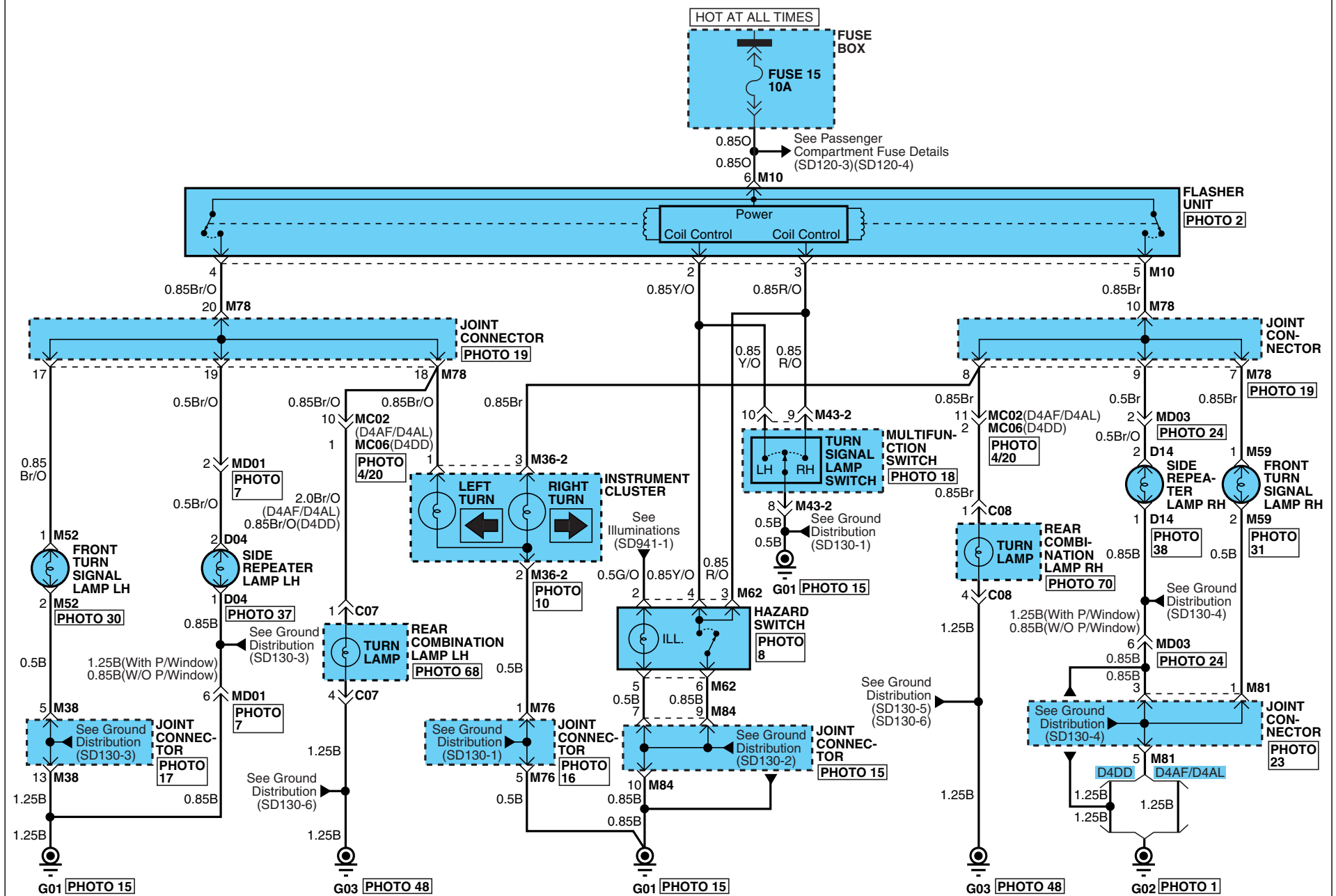
FOG LAMPS

FOG LAMPS (4)

SD924-4

MEMO

SD925-1

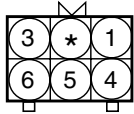


TURN & HAZARD LAMPS

TURN & HAZARD LAMPS (2)

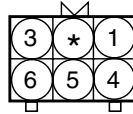
SD925-2

C07



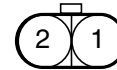
CR06F016

C08



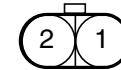
CR06F016

D04



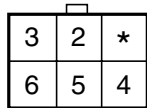
CR02F001

D14



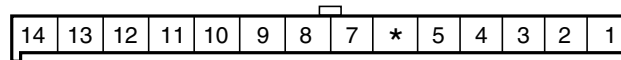
CR02F001

M10



CR06F002

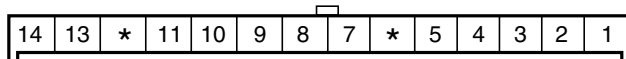
M36-2(D4AF/D4AL)



CR14F007

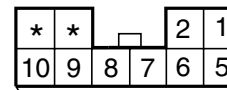
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M36-2(D4DD)



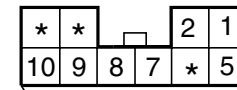
CR14F007

M43-2(D4AF/D4AL)



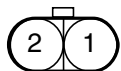
CR10F014

M43-2(D4DD)



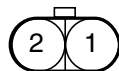
CR10F014

M52



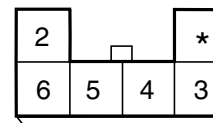
CR02F001

M59



CR02F001

M62



CR06F017

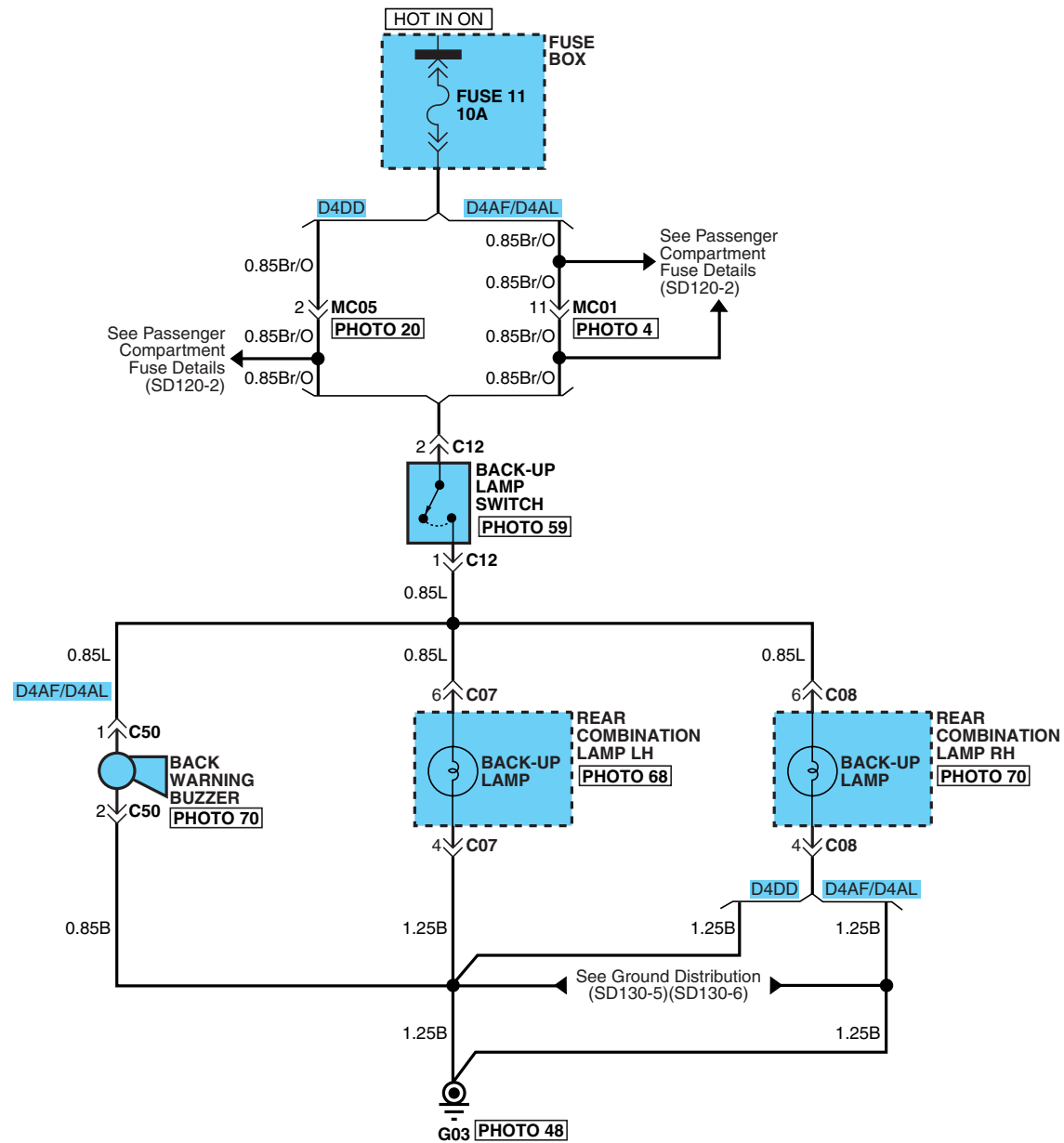
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BACK-UP LAMPS

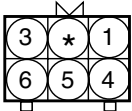
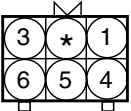
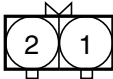
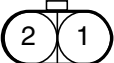
EF9CCF95

BACK-UP LAMPS (1)

SD926-1



BACK-UP LAMPS

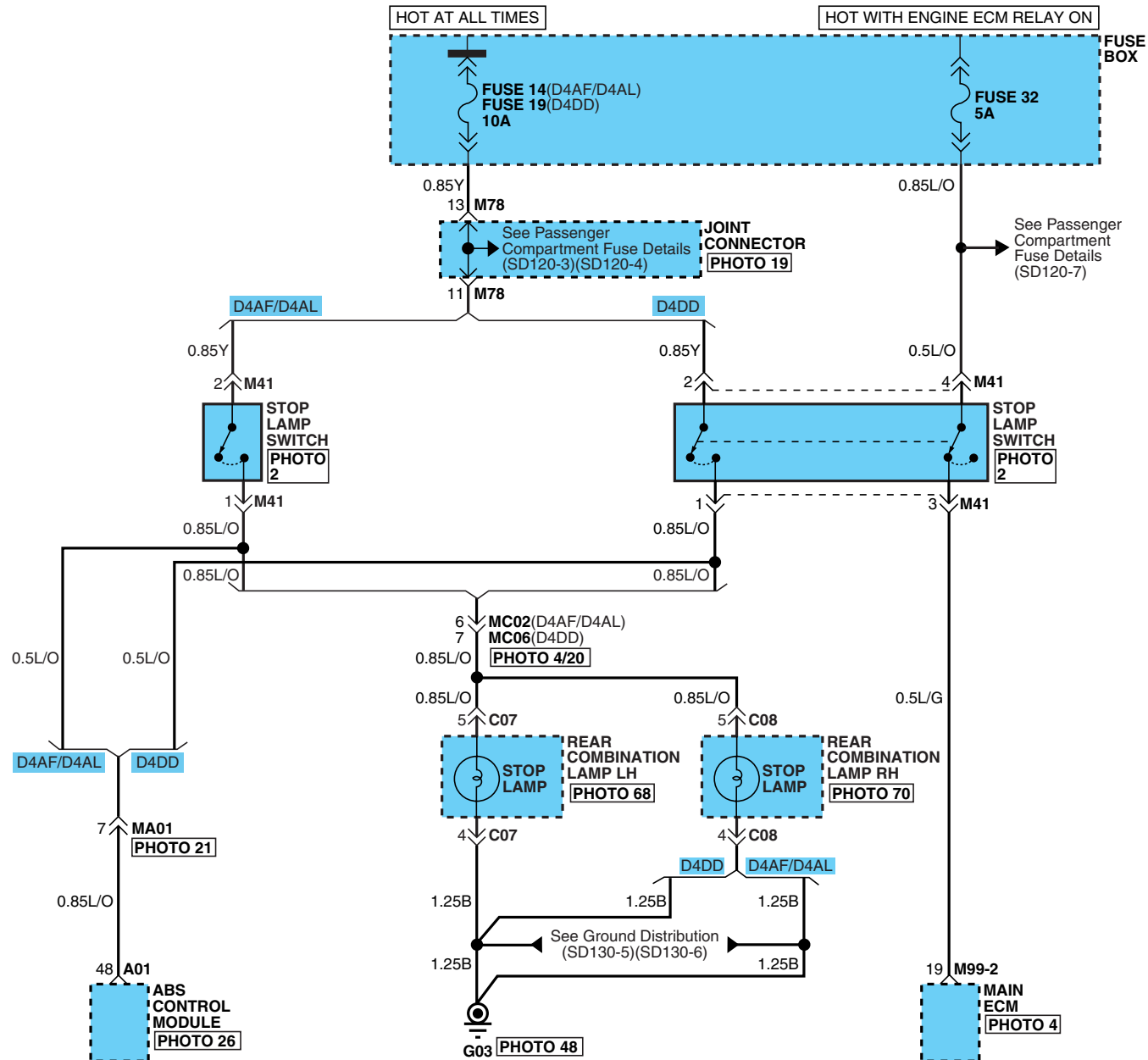
BACK-UP LAMPS (2)			SD926-2
C07  CR06F016	C08  CR06F016	C12  CR02F040	C50  CR02F001

STOP LAMPS

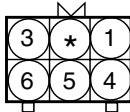
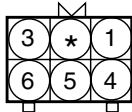
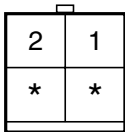
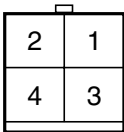
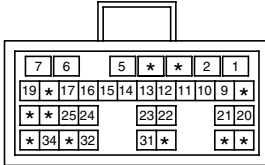
EA2A1D92

STOP LAMPS (1)

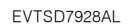
SD927-1



STOP LAMPS

STOP LAMPS (2)		SD927-2																																																																																					
A01 <table><tr><td>28</td><td>*</td><td>26</td><td>25</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>19</td><td>*</td><td>*</td><td>16</td><td>*</td><td>14</td><td>13</td><td>12</td><td>11</td><td>10</td><td>9</td><td>*</td><td>7</td><td>6</td><td>5</td><td>*</td><td>*</td><td>*</td><td>1</td></tr><tr><td>55</td><td>54</td><td>53</td><td>*</td><td>*</td><td>*</td><td>49</td><td>48</td><td>*</td><td>46</td><td>45</td><td>*</td><td>*</td><td>*</td><td>*</td><td>40</td><td>39</td><td>*</td><td>37</td><td>*</td><td>35</td><td>34</td><td>33</td><td>*</td><td>31</td><td>30</td><td>29</td></tr><tr><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td></tr></table> CR55F005		28	*	26	25	*	*	*	*	*	19	*	*	16	*	14	13	12	11	10	9	*	7	6	5	*	*	*	1	55	54	53	*	*	*	49	48	*	46	45	*	*	*	*	40	39	*	37	*	35	34	33	*	31	30	29	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	C07  CR06F016		C08  CR06F016
28	*	26	25	*	*	*	*	*	19	*	*	16	*	14	13	12	11	10	9	*	7	6	5	*	*	*	1																																																												
55	54	53	*	*	*	49	48	*	46	45	*	*	*	*	40	39	*	37	*	35	34	33	*	31	30	29																																																													
*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																																																												
M41(D4AF/D4AL)  CR04F016	M41(D4DD)  CR04F016	M99-2  CR35F009	BLANK																																																																																				

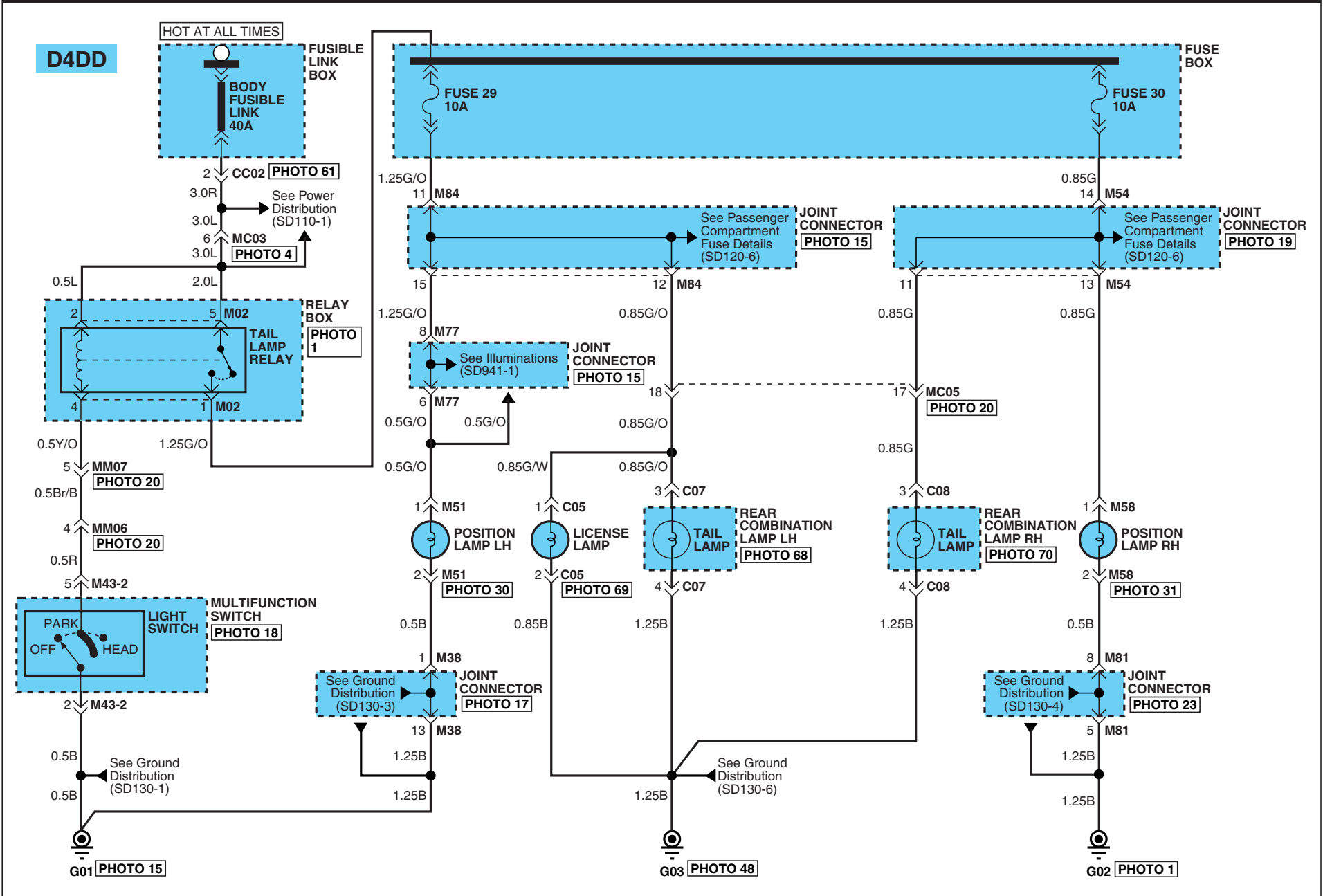
SD928-1



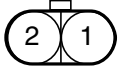
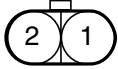
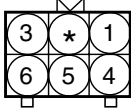
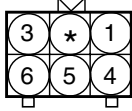
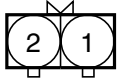
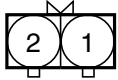
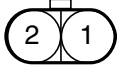
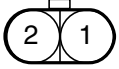
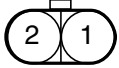
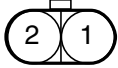
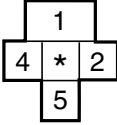
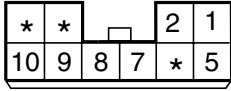
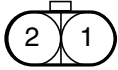
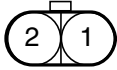
TAIL, PARKING & LICENSE LAMPS

TAIL, PARKING & LICENSE LAMPS (2)

SD928-2



TAIL, PARKING & LICENSE LAMPS

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

TAIL, PARKING & LICENSE LAMPS (4)

SD928-4

MEMO

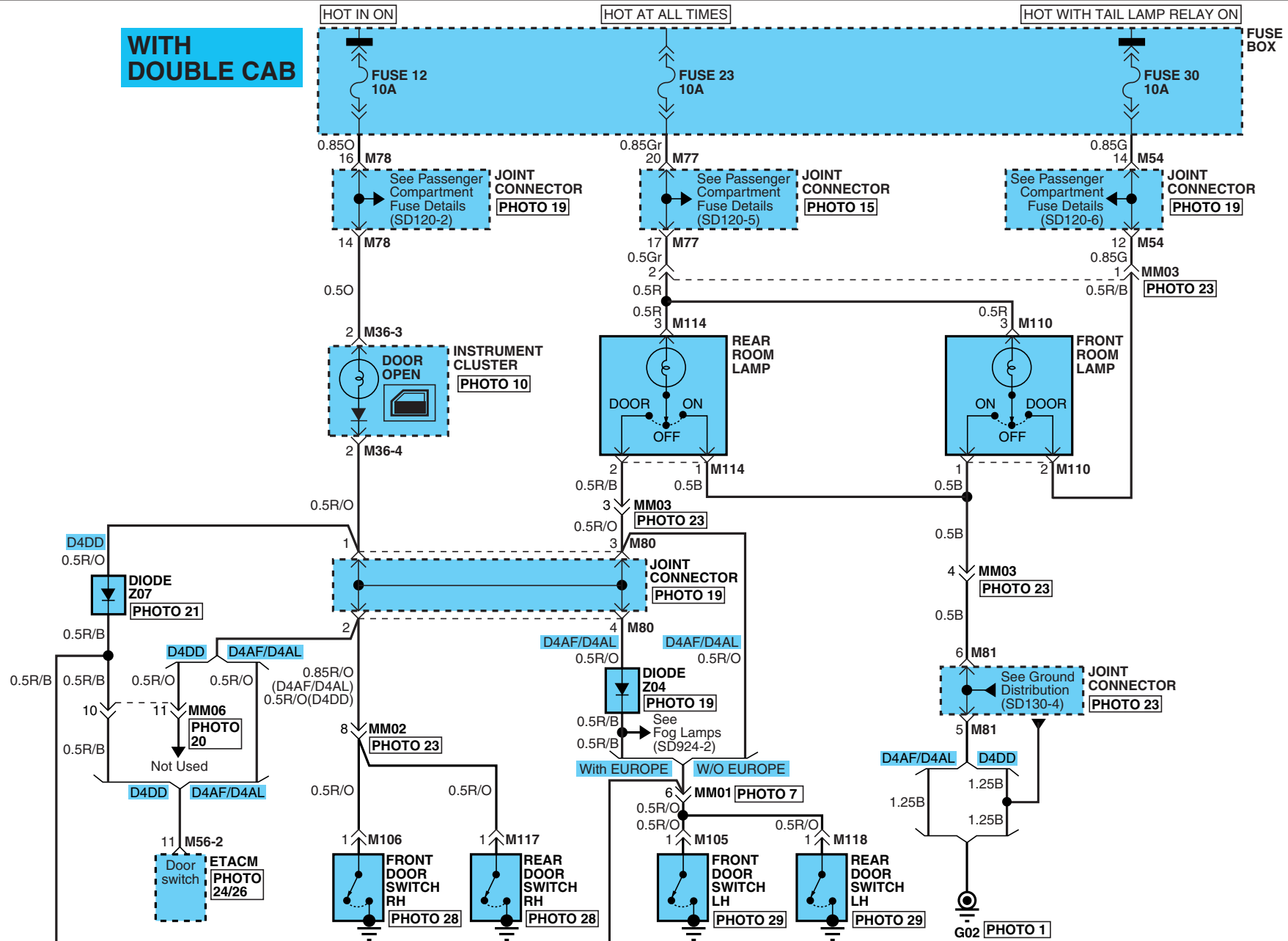
COURTESY LAMPS

EACB1C6F

COURTESY LAMPS (1)

SD929-1

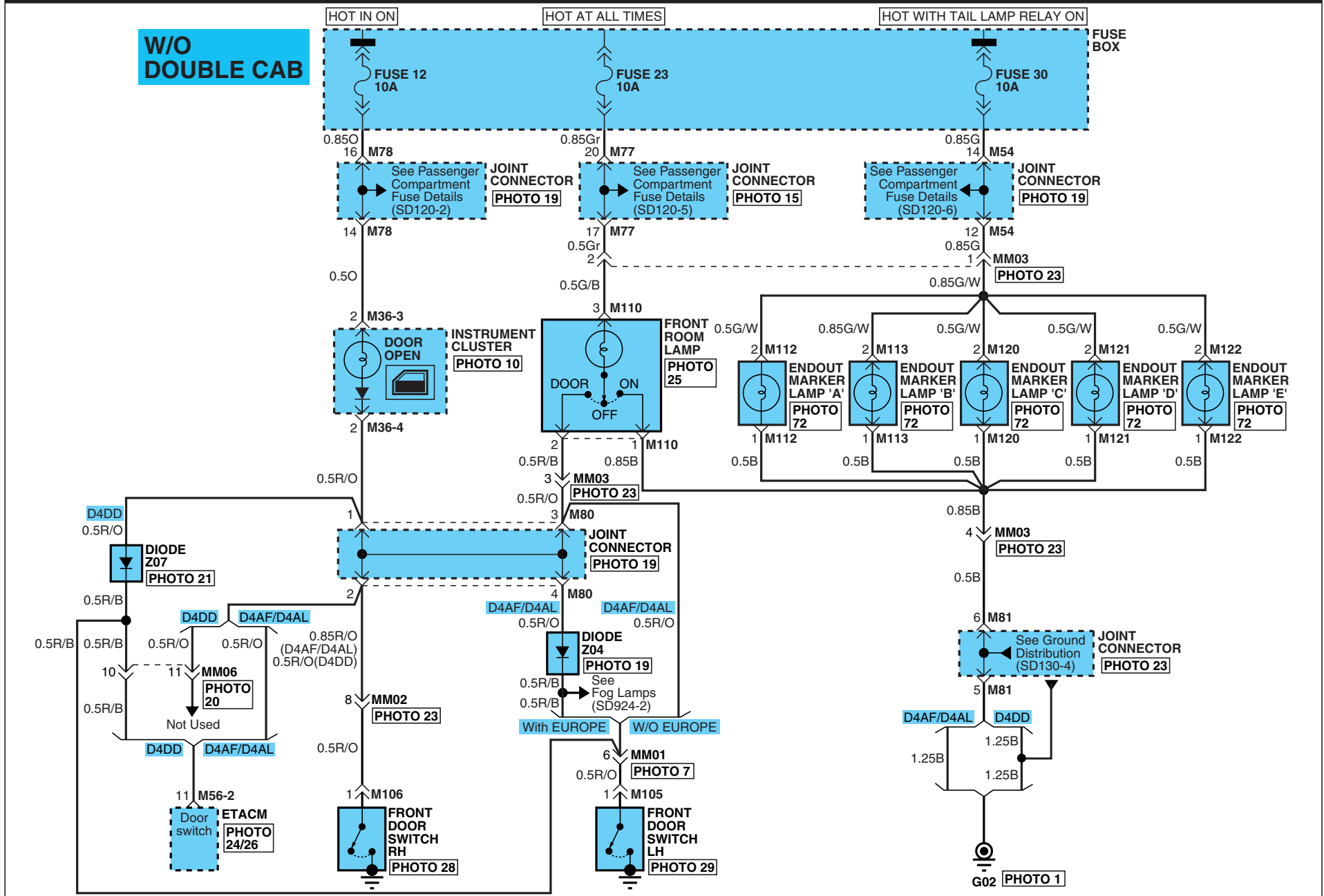
**WITH
DOUBLE CAB**



COURTESY LAMPS

COURTESY LAMPS (2)

SD929-2

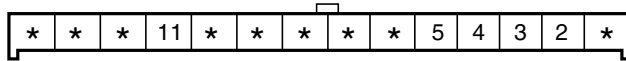


COURTESY LAMPS

COURTESY LAMPS (3)

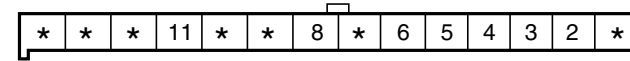
SD929-3

M36-3(D4AF/D4AL)



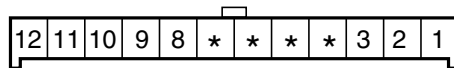
CR14F007

M36-3(D4DD)



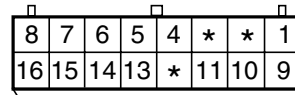
CR14F007

M36-4



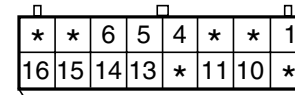
CR12F001

M56-2(D4AF/D4AL)



CR16F002

M56-2(D4DD)



CR16F002

M105



CR01F043

M106



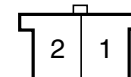
CR01F043

M110



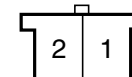
CR03F007

M112



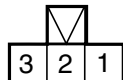
CR02F096

M113



CR02F096

M114



CR03F007

M117



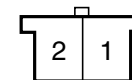
CR01F043

M118



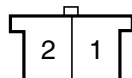
CR01F043

M120



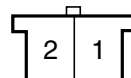
CR02F096

M121



CR02F096

M122



CR02F096

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BLANK

COURTESY LAMPS

COURTESY LAMPS (4)

SD929-4

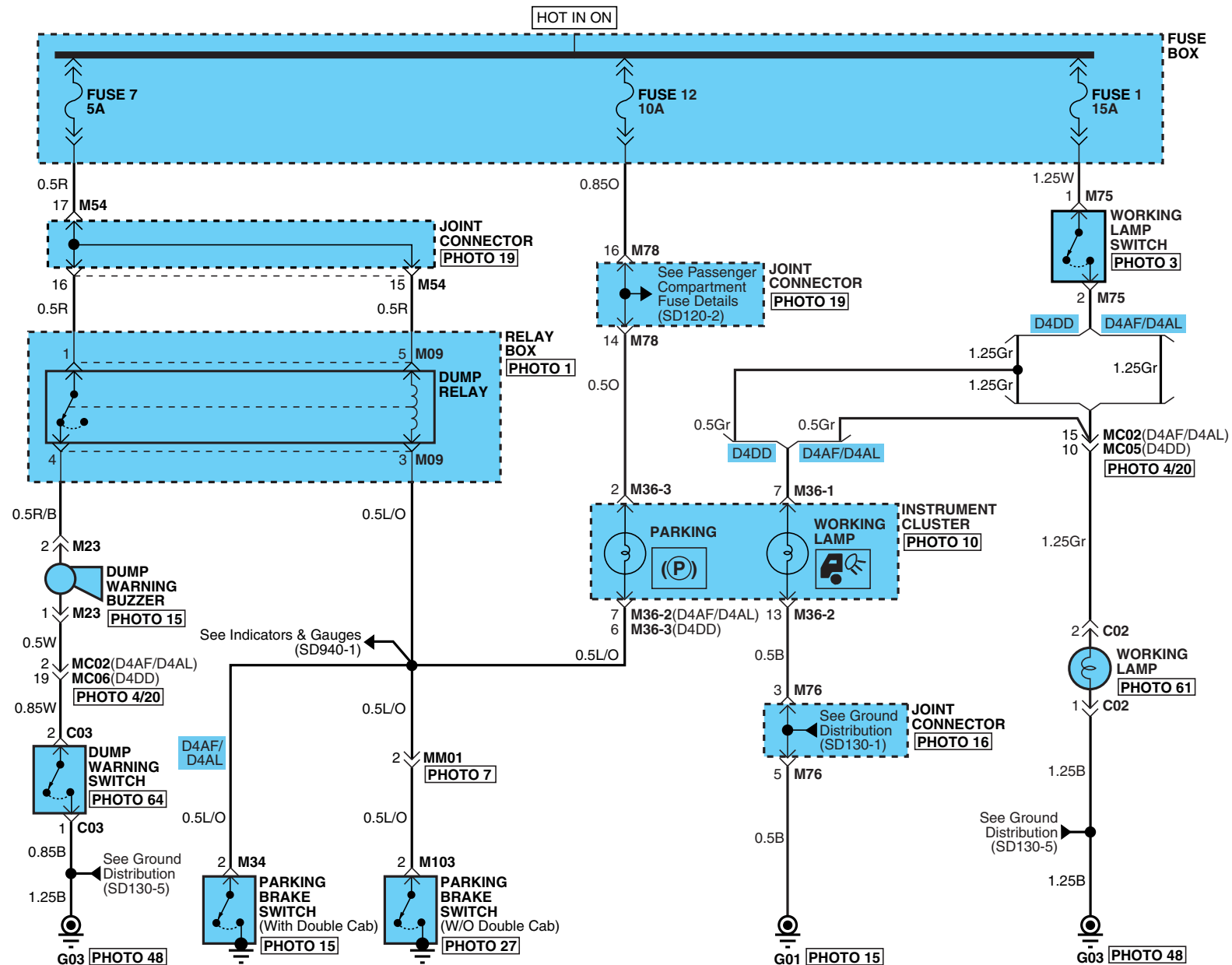
MEMO

WORKING LAMP & DUMP WARNING BUZZER

E4E47DDF

WORKING LAMP & DUMP WARNING BUZZER (1)

SD930-1

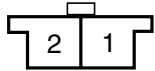


WORKING LAMP & DUMP WARNING BUZZER

WORKING LAMP & DUMP WARNING BUZZER (2)

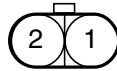
SD930-2

C02



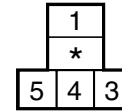
CR02F010

C03



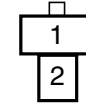
CR02F001

M09



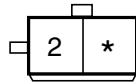
CR05F011

M23



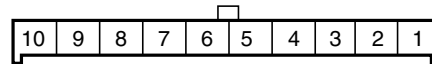
CR02F012

M34



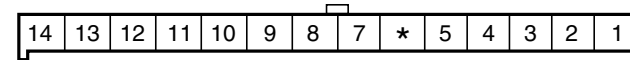
CR02F046

M36-1



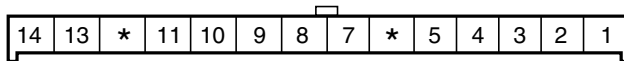
CR10F005

M36-2(D4AF/D4AL)



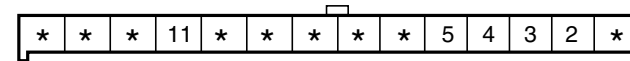
CR14F007

M36-2(D4DD)



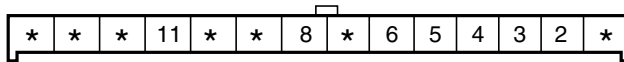
CR14F007

M36-3(D4AF/D4AL)



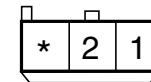
CR14F007

M36-3(D4DD)



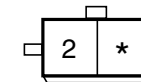
CR14F007

M75



CR03F026

M103



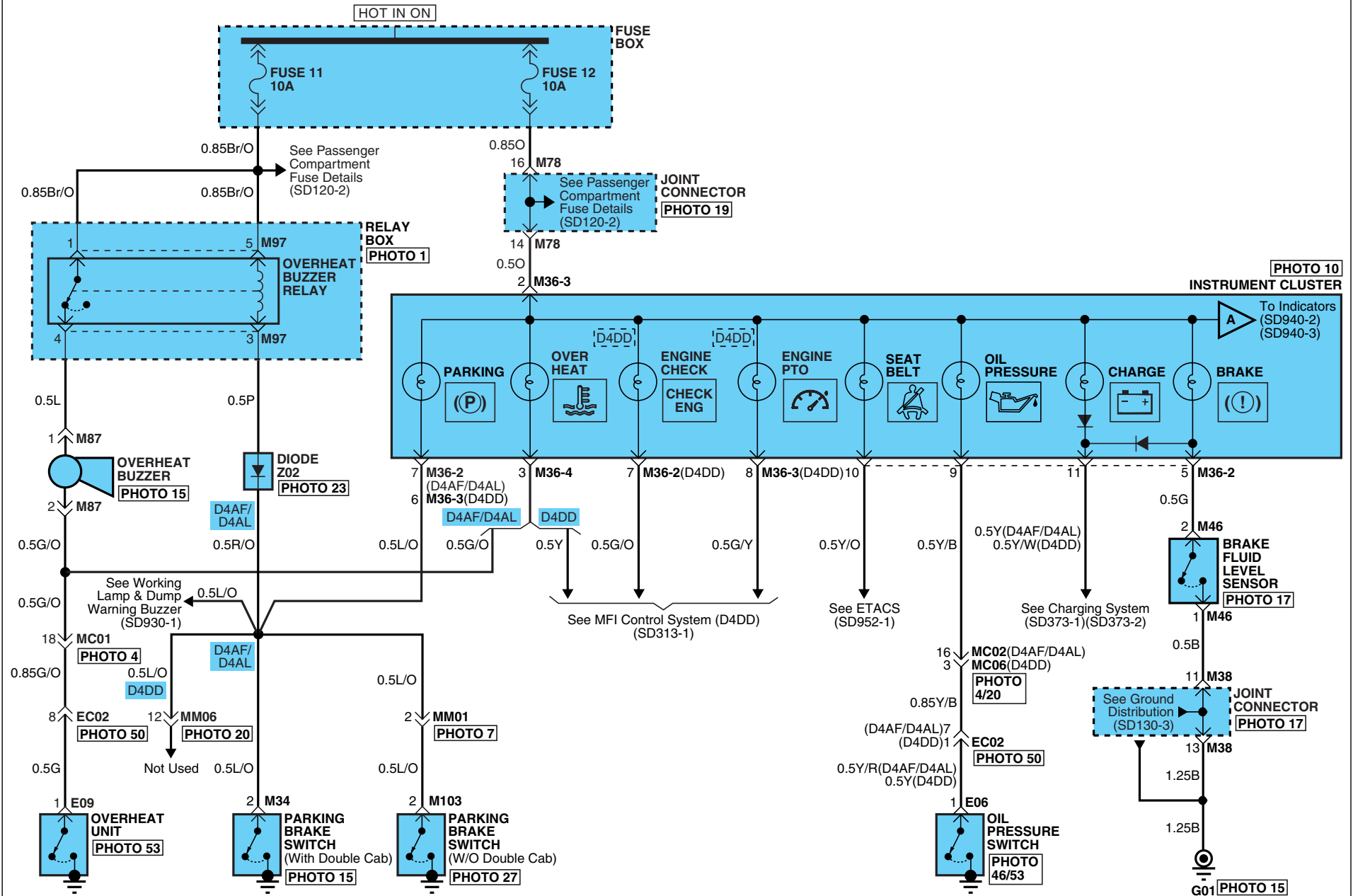
CR02F046

INDICATORS & GAUGES

EC6CE401

INDICATORS & GAUGES (1)

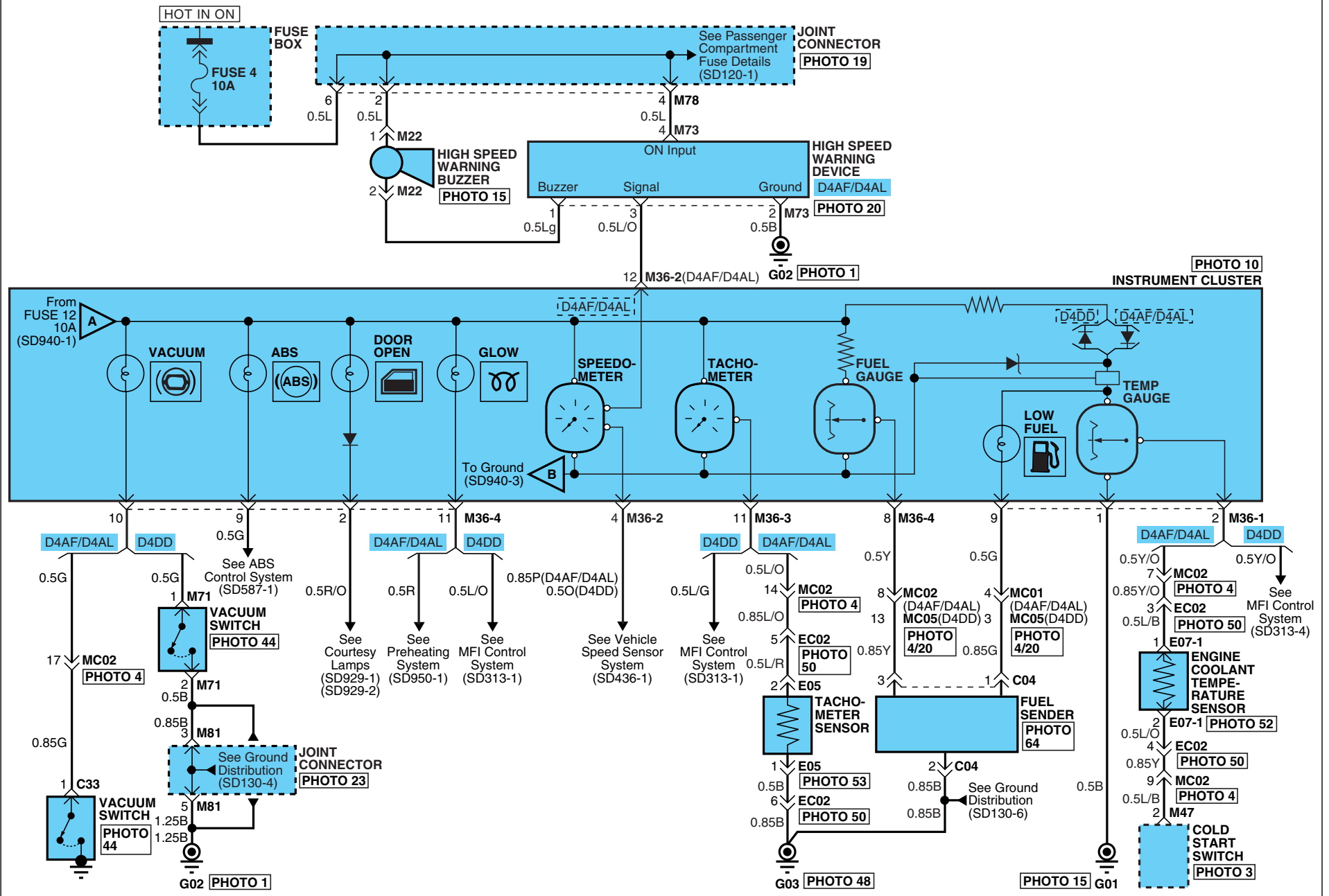
SD940-1



INDICATORS & GAUGES

INDICATORS & GAUGES (2)

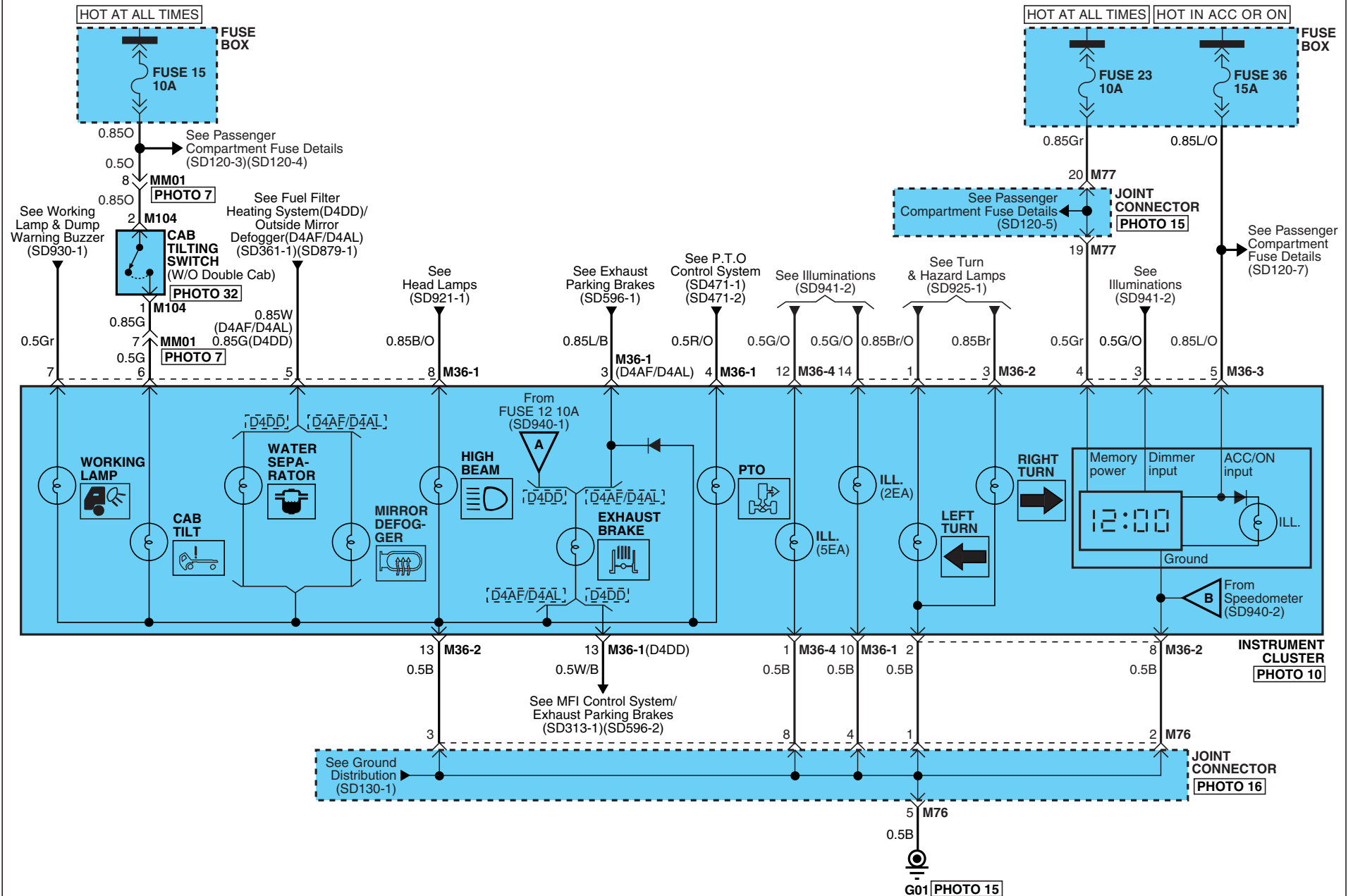
SD940-2



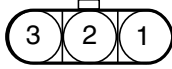
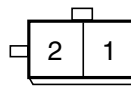
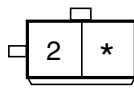
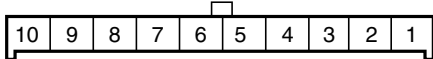
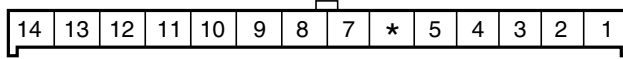
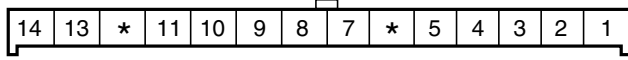
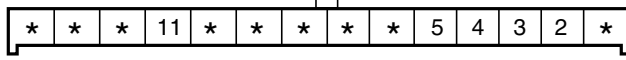
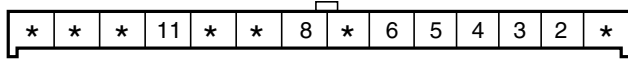
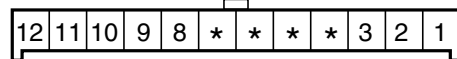
INDICATORS & GAUGES

INDICATORS & GAUGES (3)

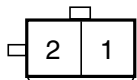
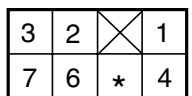
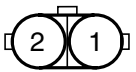
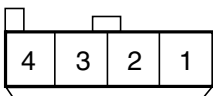
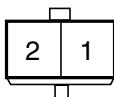
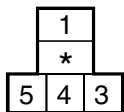
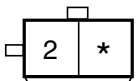
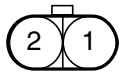
SD940-3



INDICATORS & GAUGES

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		BLANK	
M36-2(D4DD)  CR14F007		M36-3(D4AF/D4AL)  CR14F007		
M36-3(D4DD)  CR14F007		M36-4  CR12F001		

INDICATORS & GAUGES

INDICATORS & GAUGES (5)			SD940-5
M46  CR02F046	M47  CR07F002	M71  CR02F118	M73  CR04F048
M87  CR02F049	M97  CR05F011	M103  CR02F046	M104  CR02F001

INDICATORS & GAUGES

INDICATORS & GAUGES (6)

SD940-6

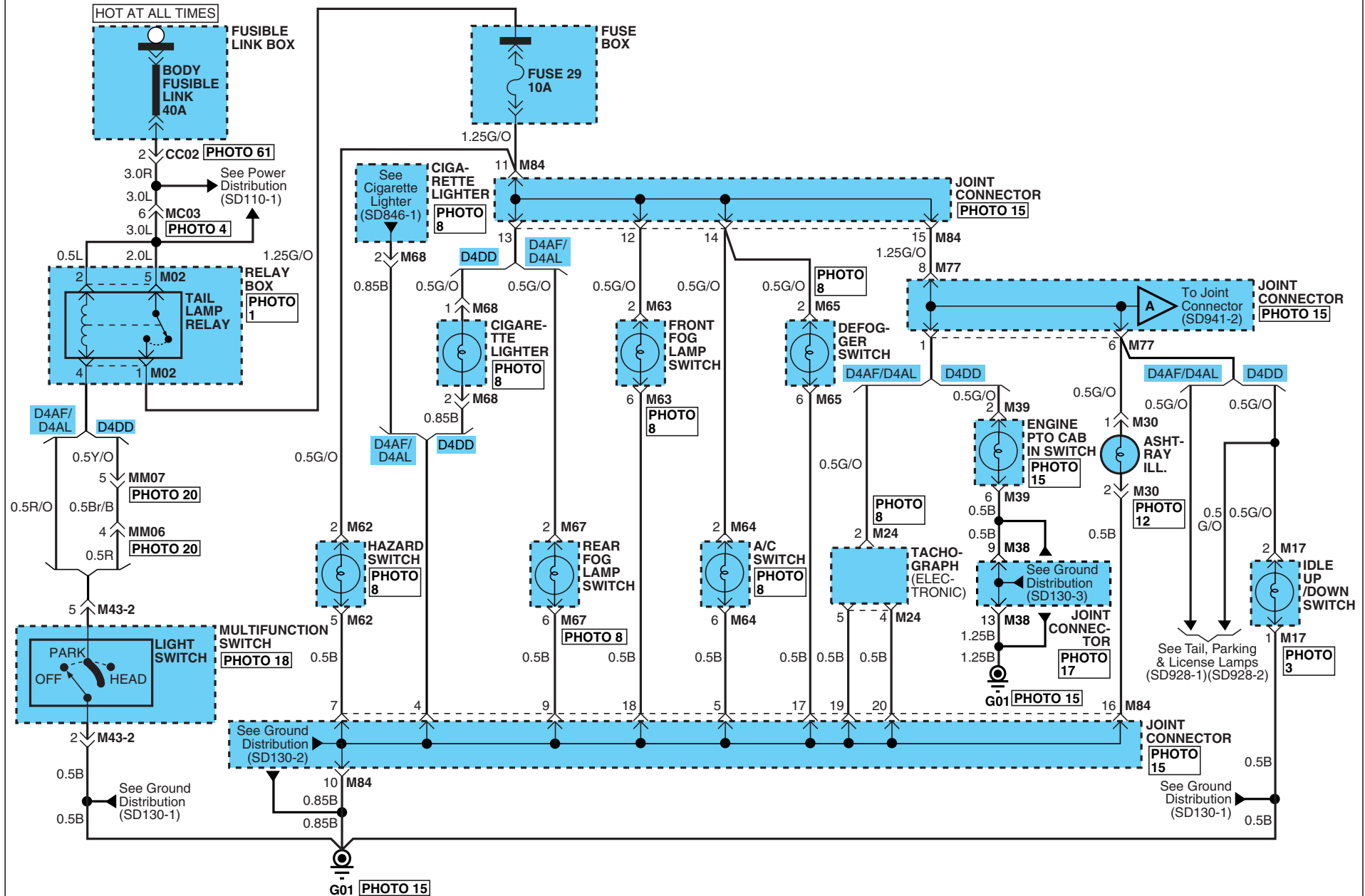
MEMO

ILLUMINATIONS

E89E0A01

ILLUMINATIONS (1)

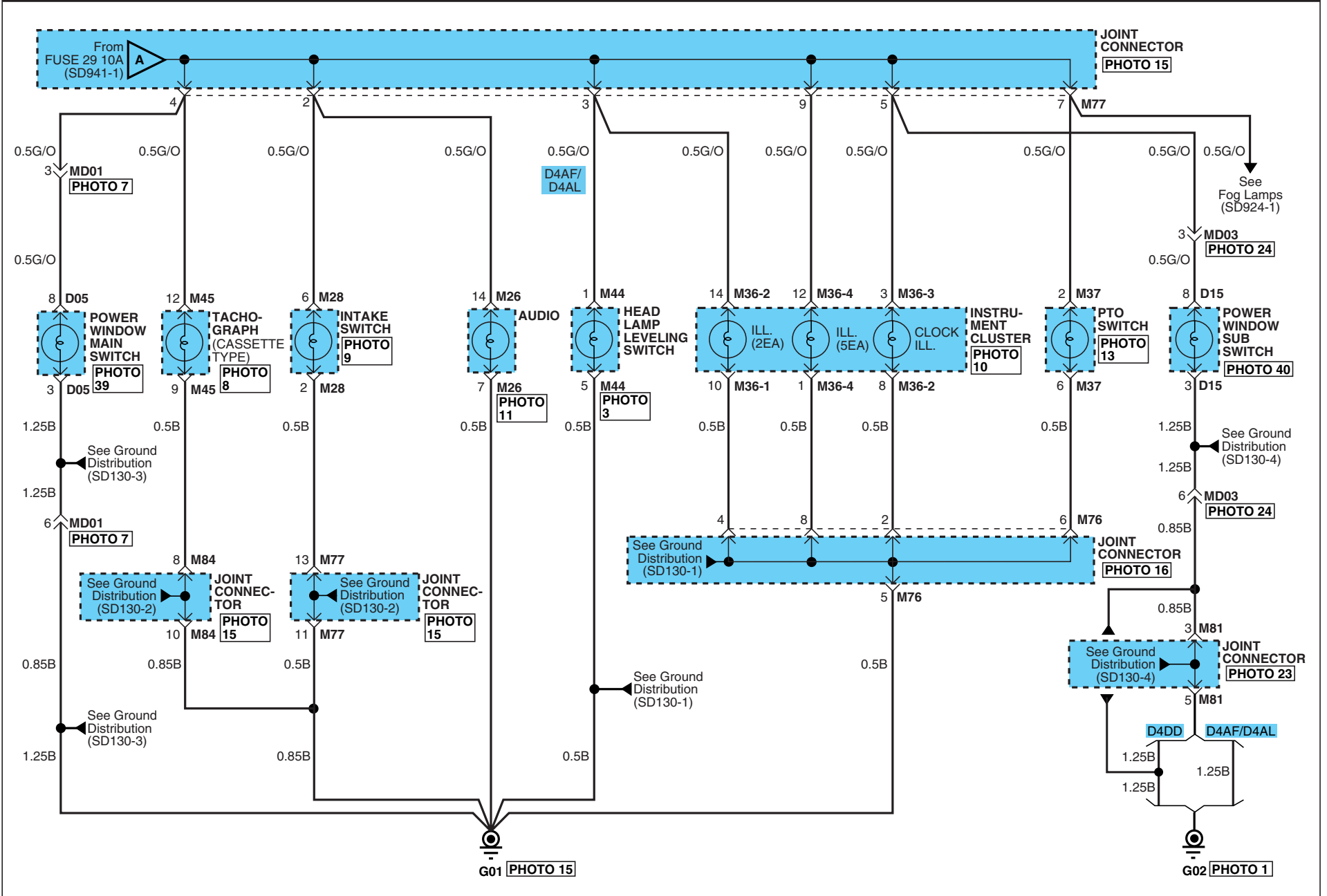
SD941-1



ILLUMINATIONS

ILLUMINATIONS (2)

SD941-2



ILLUMINATIONS

ILLUMINATIONS (3)

SD941-3

D05

4	3		2	1
9	8	*	6	5

CR09F001

D15

4	3		2	*
9	8	*	6	5

CR09F001

M02

	1	
4	*	2
	5	

CR05F019

M17

3	2		1
*	6	5	*

CR07F002

M24

2			1
*	5	4	3

CR06F017

M26

*	*	4			3	*	*
14	*	12	11	10	9	*	7

CR14F001

M28

2			1
6	5	4	3

CR06F003

M30

	2	1
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CR02F046

M36-1

10	9	8	7	6	5	4	3	2	1
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CR10F005

M36-2(D4AF/D4AL)

14	13	12	11	10	9	8	7	*	5	4	3	2	1
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CR14F007

BLANK

M36-2(D4DD)

14	13	*	11	10	9	8	7	*	5	4	3	2	1
----	----	---	----	----	---	---	---	---	---	---	---	---	---

CR14F007

M36-3(D4AF/D4AL)

*	*	*	11	*	*	*	*	*	5	4	3	2	*
---	---	---	----	---	---	---	---	---	---	---	---	---	---

CR14F007

M36-3(D4DD)

*	*	*	11	*	*	8	*	6	5	4	3	2	*
---	---	---	----	---	---	---	---	---	---	---	---	---	---

CR14F007

M36-4

12	11	10	9	8	*	*	*	*	3	2	1
----	----	----	---	---	---	---	---	---	---	---	---

CR12F001

M37

2			1
6	5	4	3

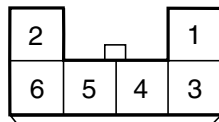
CR06F003

ILLUMINATIONS

ILLUMINATIONS (4)

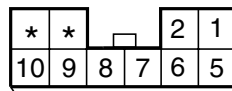
SD941-4

M39



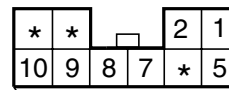
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M43-2(D4AF/D4AL)



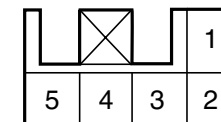
CR10F014

M43-2(D4DD)



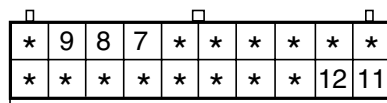
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M44



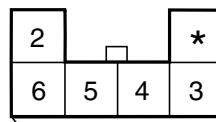
CR05F013

M45



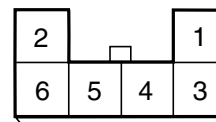
CR20F001

M62



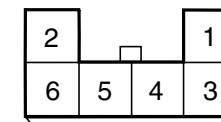
CR06F017

M63



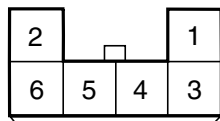
CR06F017

M64



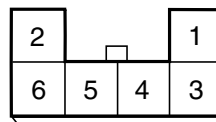
CR06F017

M65



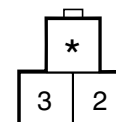
CR06F017

M67



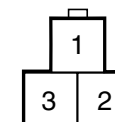
CR06F017

M68(D4AF/D4AL)



CR03F005

M68(D4DD)



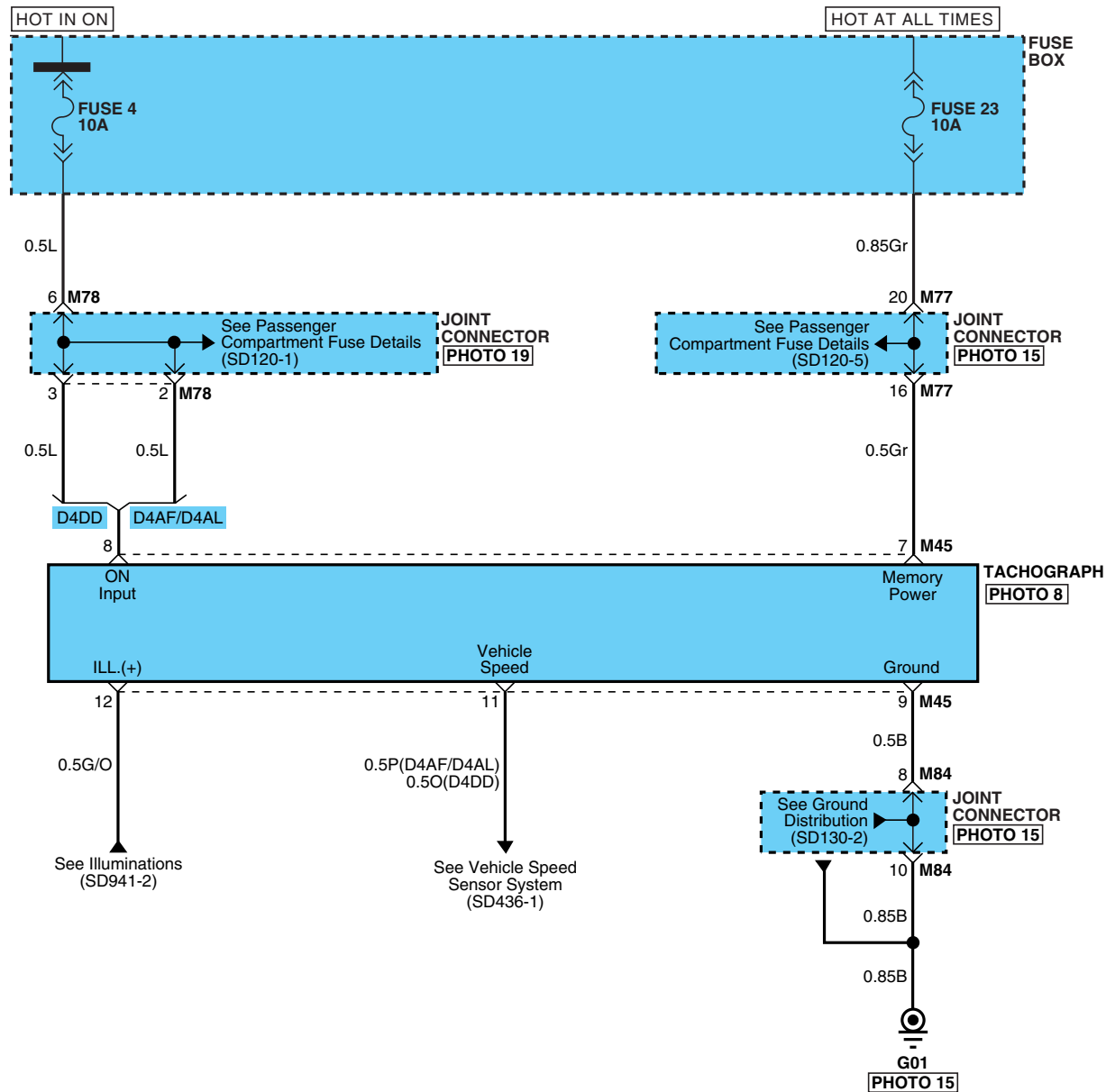
CR03F005

TACHOGRAPH EED16AB5

TACHOGRAPH (1)

SD943-1

GENERAL TYPE

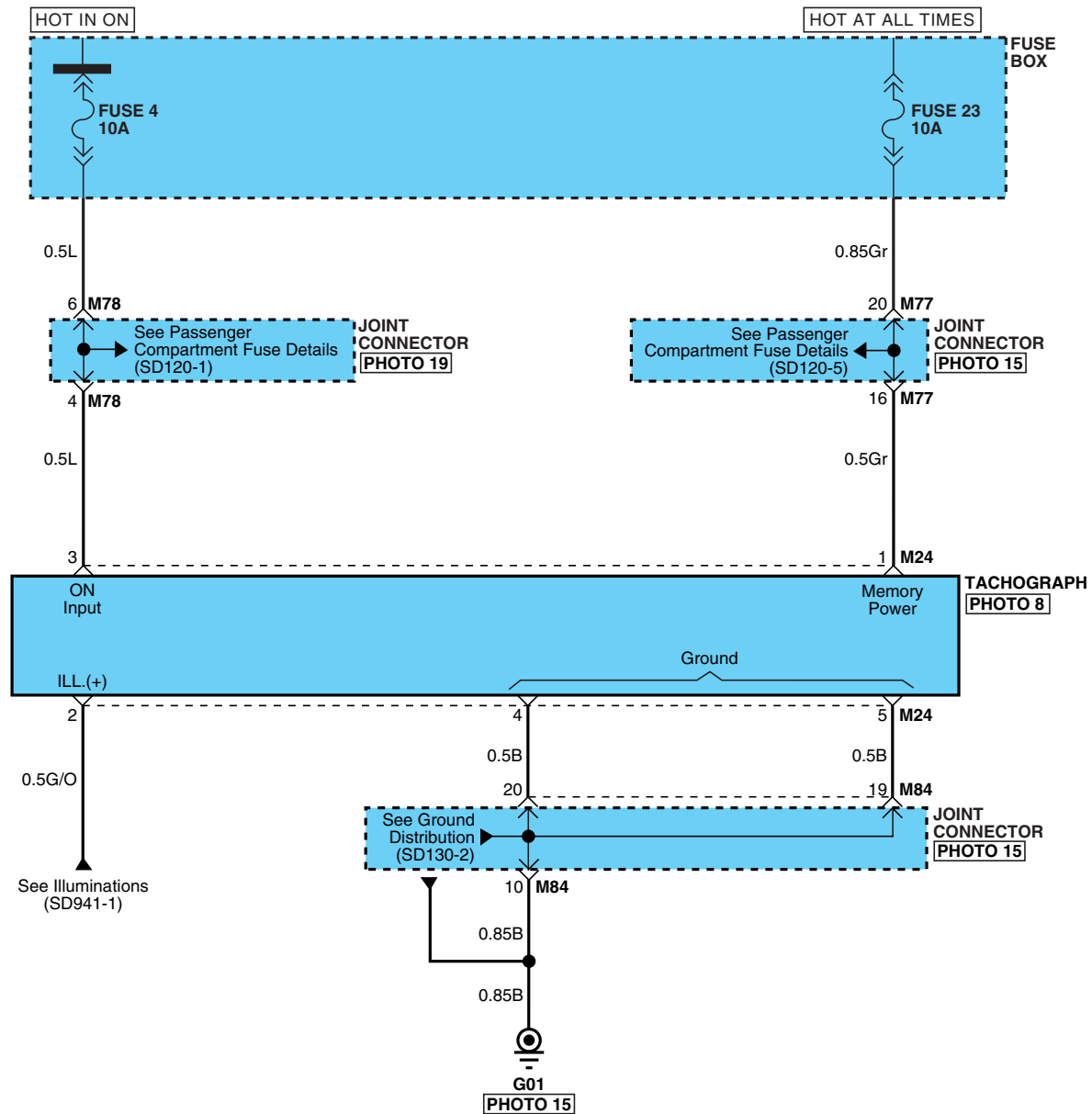


TACHOGRAPH

TACHOGRAPH (2)

SD943-2

ELECTRONIC (D4AF/D4AL)



TACHOGRAPH

TACHOGRAPH (3)										SD943-3																																					
M24 <table><tr><td>2</td><td></td><td></td><td></td><td>1</td></tr><tr><td>*</td><td>5</td><td>4</td><td>3</td><td></td></tr></table> CR06F017				2				1	*	5	4	3		M45 <table><tr><td>*</td><td>9</td><td>8</td><td>7</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td></tr><tr><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>*</td><td>12</td><td>11</td></tr></table> CR20F001						*	9	8	7	*	*	*	*	*	*	*	*	*	*	*	*	*	*	12	11	BLANK				BLANK			
2				1																																											
*	5	4	3																																												
*	9	8	7	*	*	*	*	*	*																																						
*	*	*	*	*	*	*	*	12	11																																						

TACHOGRAPH

TACHOGRAPH (4)

SD943-4

MEMO

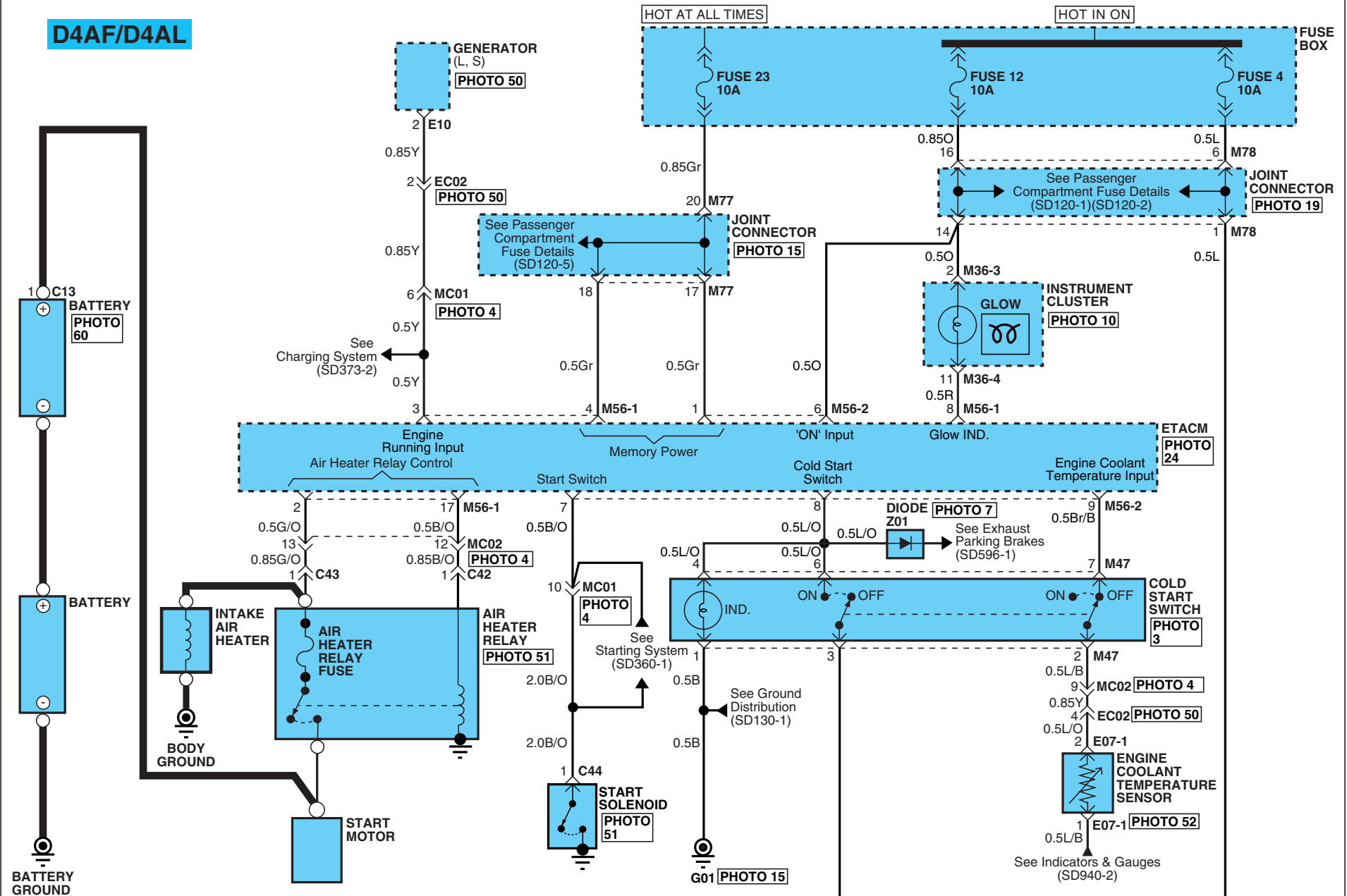
PREHEATING SYSTEM

E4AF3C26

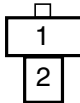
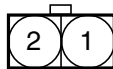
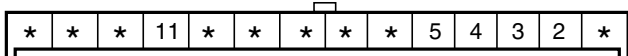
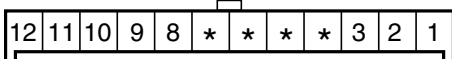
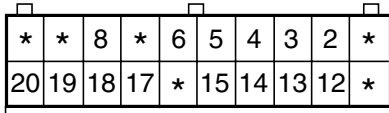
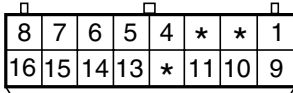
PREHEATING SYSTEM (1)

SD950-1

D4AF/D4AL

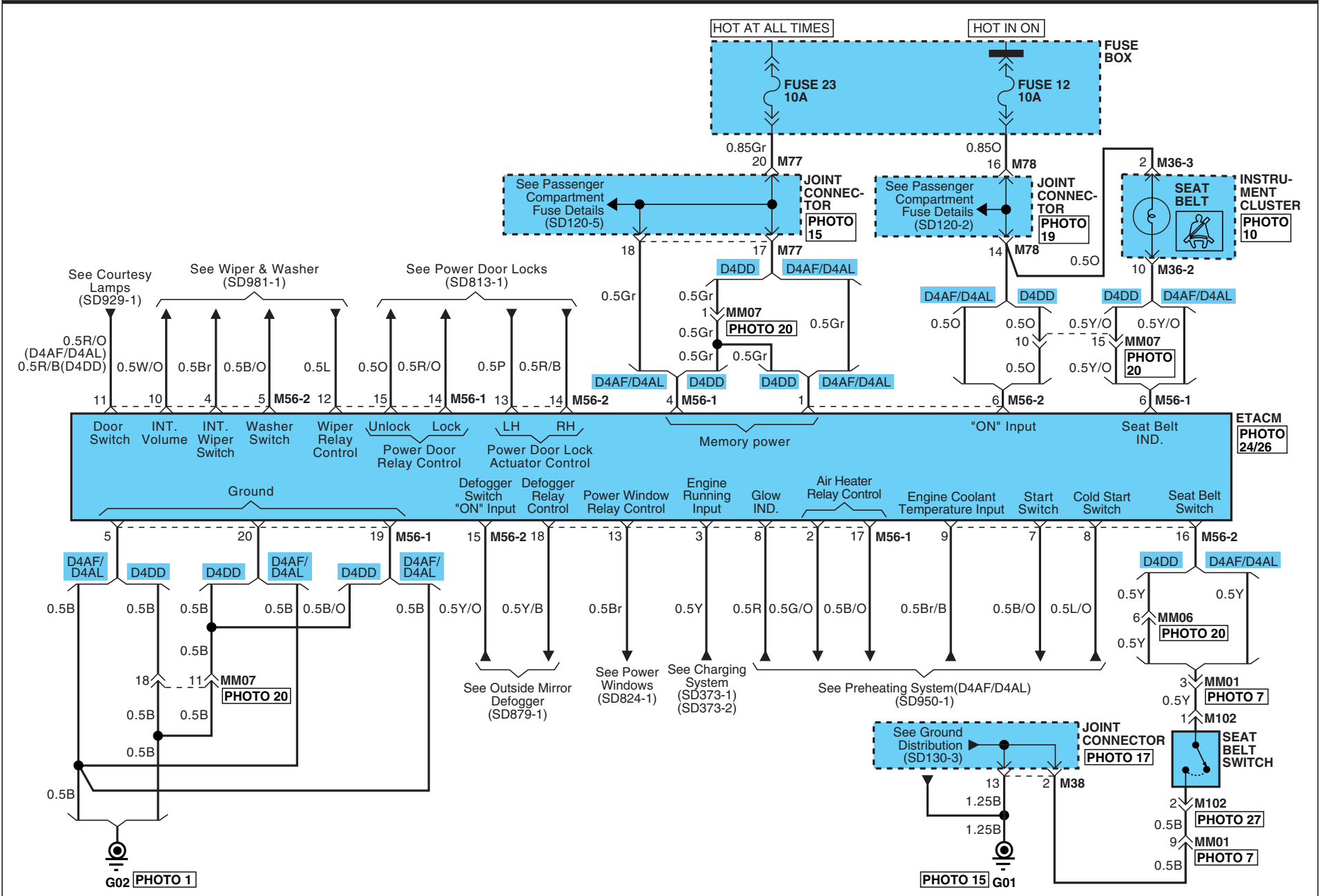


PREHEATING SYSTEM

PREHEATING SYSTEM (2)				SD950-2
C13  CR01F002	C42  CR01F020	C43  CR01F038	C44  CR01F035	
E07-1  CR02F064	E10(D4AF)  CR02F012	E10(D4AL)  CR02F002	BLANK	
M36-3  CR14F007		M36-4  CR12F001		M47  CR07F002
M56-1  CR20F001	M56-2  CR16F002	BLANK		BLANK

ETACS (1)

SD952-1



ETACS

ETACS (2)

SD952-2

M36-2(D4AF/D4AL)

14	13	12	11	10	9	8	7	*	5	4	3	2	1
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CR14F007

M36-2(D4DD)

14	13	*	11	10	9	8	7	*	5	4	3	2	1
----	----	---	----	----	---	---	---	---	---	---	---	---	---

CR14F007

M36-3(D4AF/D4AL)

*	*	*	11	*	*	*	*	*	5	4	3	2	*
---	---	---	----	---	---	---	---	---	---	---	---	---	---

CR14F007

M36-3(D4DD)

*	*	*	11	*	*	8	*	6	5	4	3	2	*
---	---	---	----	---	---	---	---	---	---	---	---	---	---

CR14F007

M56-1(D4AF/D4AL)

*	*	8	*	6	5	4	3	2	*
20	19	18	17	*	15	14	13	12	*

CR20F001

M56-1(D4DD)

*	*	*	*	6	5	4	3	*	*
20	19	18	*	*	15	14	13	12	*

CR20F001

M56-2(D4AF/D4AL)

8	7	6	5	4	*	*	1
16	15	14	13	*	11	10	9

CR16F002

M56-2(D4DD)

*	*	6	5	4	*	*	1
16	15	14	13	*	11	10	*

CR16F002

M102

2	1
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CR02F046

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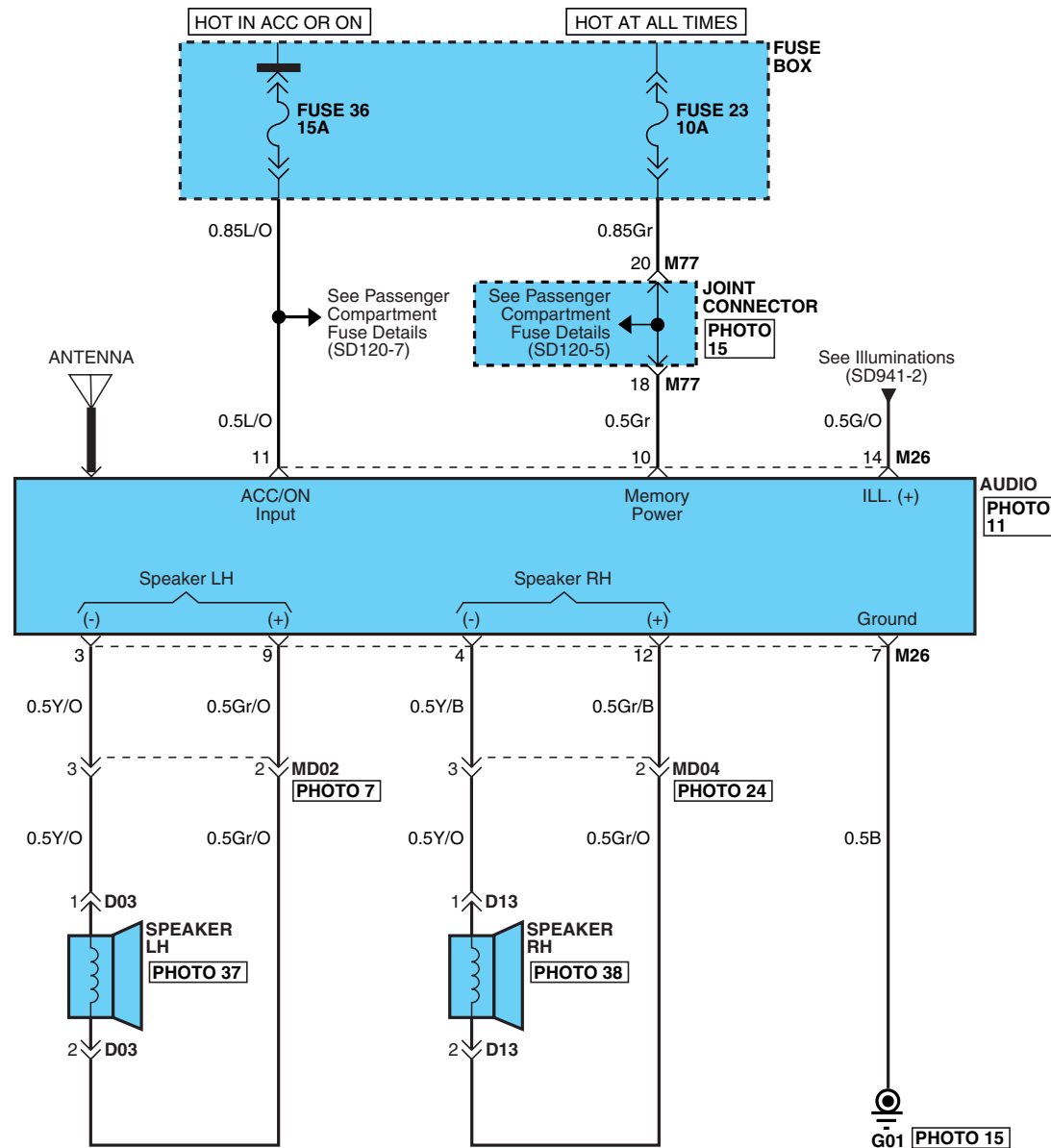
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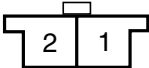
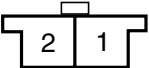
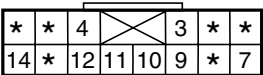
AUDIO SYSTEM E24ECCFC

AUDIO SYSTEM (1)

SD961-1



AUDIO SYSTEM

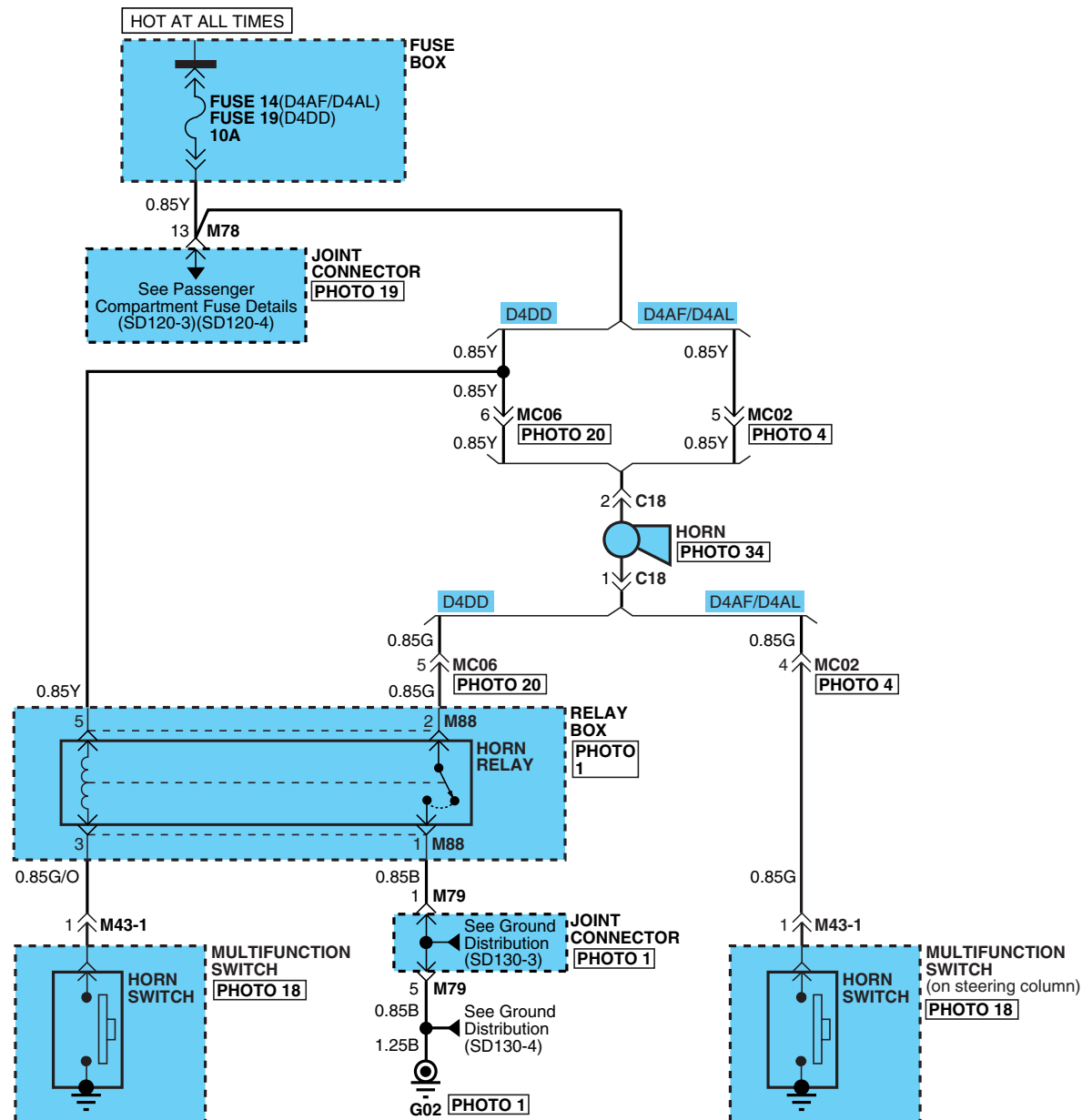
AUDIO SYSTEM (2)			SD961-2
D03  CR02F010	D13  CR02F010	M26  CR14F001	BLANK

HORN

EBE1D3AB

HORN (1)

SD968-1



HORN

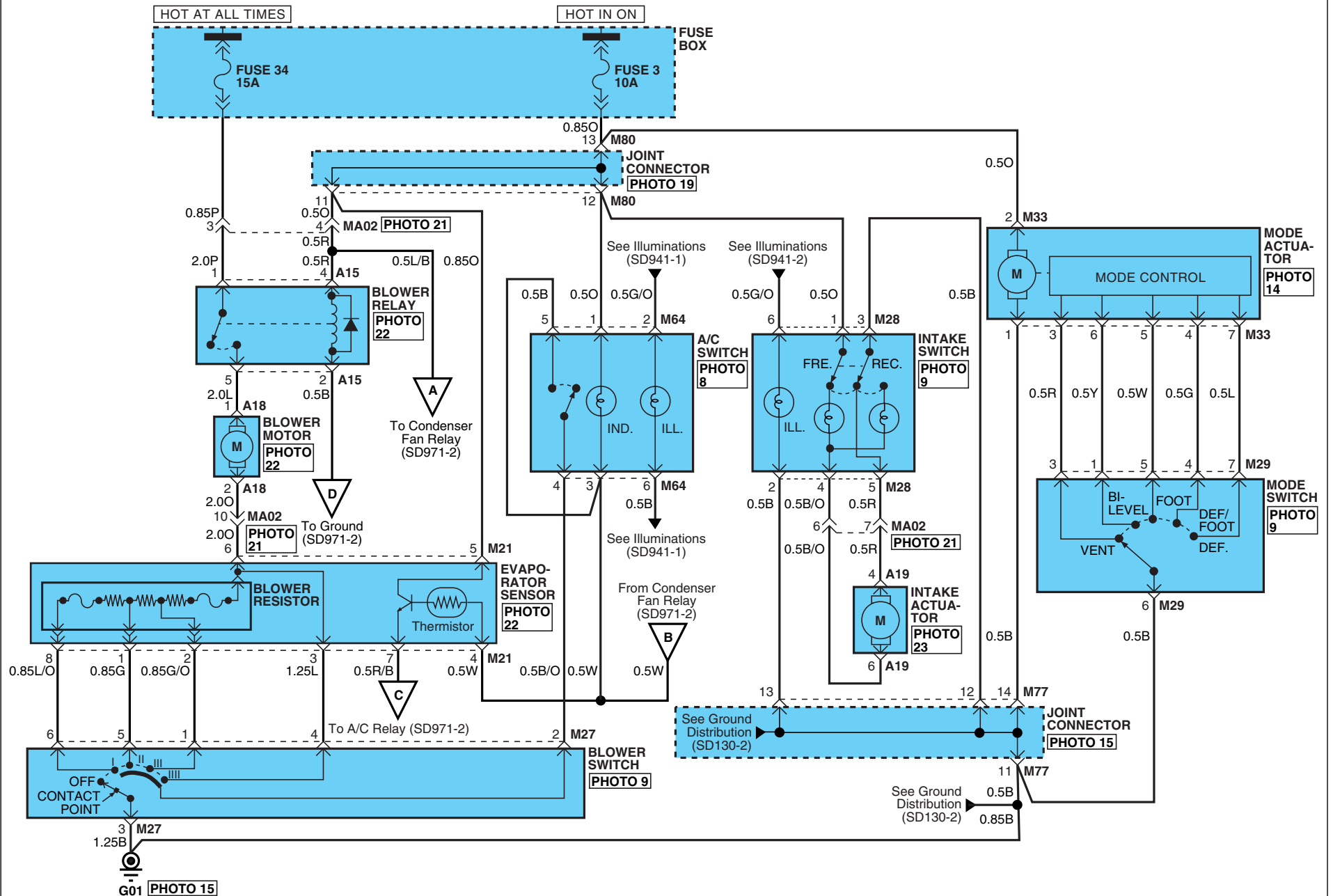
HORN (2)										SD968-2																																							
C18 2 1 CR02F003					M43-1 <table><tr><td>*</td><td>*</td><td>*</td><td></td><td></td><td>3</td><td>2</td><td>1</td></tr><tr><td>14</td><td>13</td><td>12</td><td>11</td><td>10</td><td>9</td><td>8</td><td>7</td></tr></table> CR14F019					*	*	*			3	2	1	14	13	12	11	10	9	8	7	M88 <table><tr><td></td><td>1</td><td></td></tr><tr><td></td><td>2</td><td></td></tr><tr><td>5</td><td>*</td><td>3</td></tr></table> CR05F011						1			2		5	*	3	BLANK									
*	*	*			3	2	1																																										
14	13	12	11	10	9	8	7																																										
	1																																																
	2																																																
5	*	3																																															

BLOWER & A/C CONTROLS

E584ED1E

BLOWER & A/C CONTROLS (1)

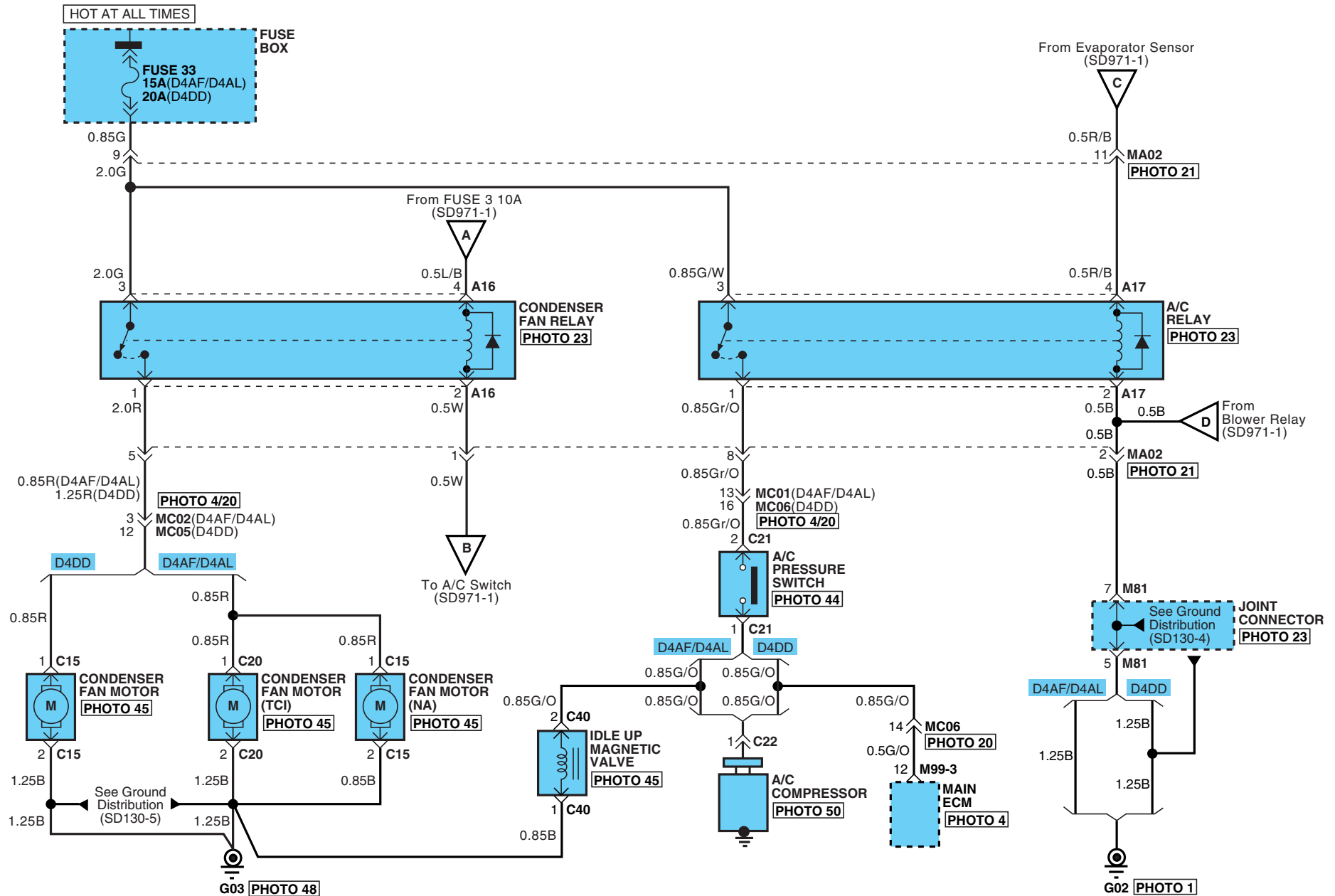
SD971-1



BLOWER & A/C CONTROLS

BLOWER & A/C CONTROLS (2)

SD971-2

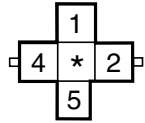


BLOWER & A/C CONTROLS

BLOWER & A/C CONTROLS (3)

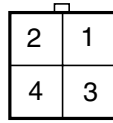
SD971-3

A15



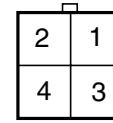
CR05F001

A16



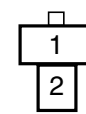
CR04F001

A17



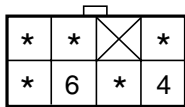
CR04F001

A18



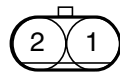
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A19



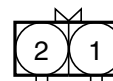
CR07F009

C15(D4AF/D4AL)



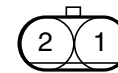
CR02F075

C15(D4DD)



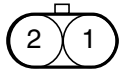
CR02F040

C20



CR02F075

C21



CR02F025

C22(D4AF/D4AL)



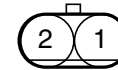
CR01F001

C22(D4DD)



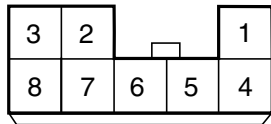
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C40



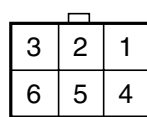
CR02F075

M21



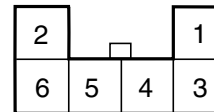
CR08F010

M27



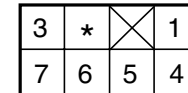
CR06F002

M28



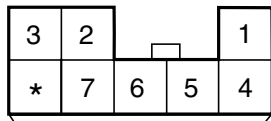
CR06F003

M29



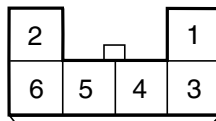
CR07F002

M33



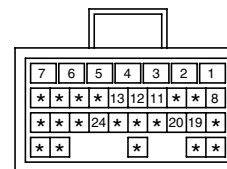
CR08F010

M64



CR06F017

M99-3



CR32F004

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BLOWER & A/C CONTROLS

BLOWER & A/C CONTROLS (4)

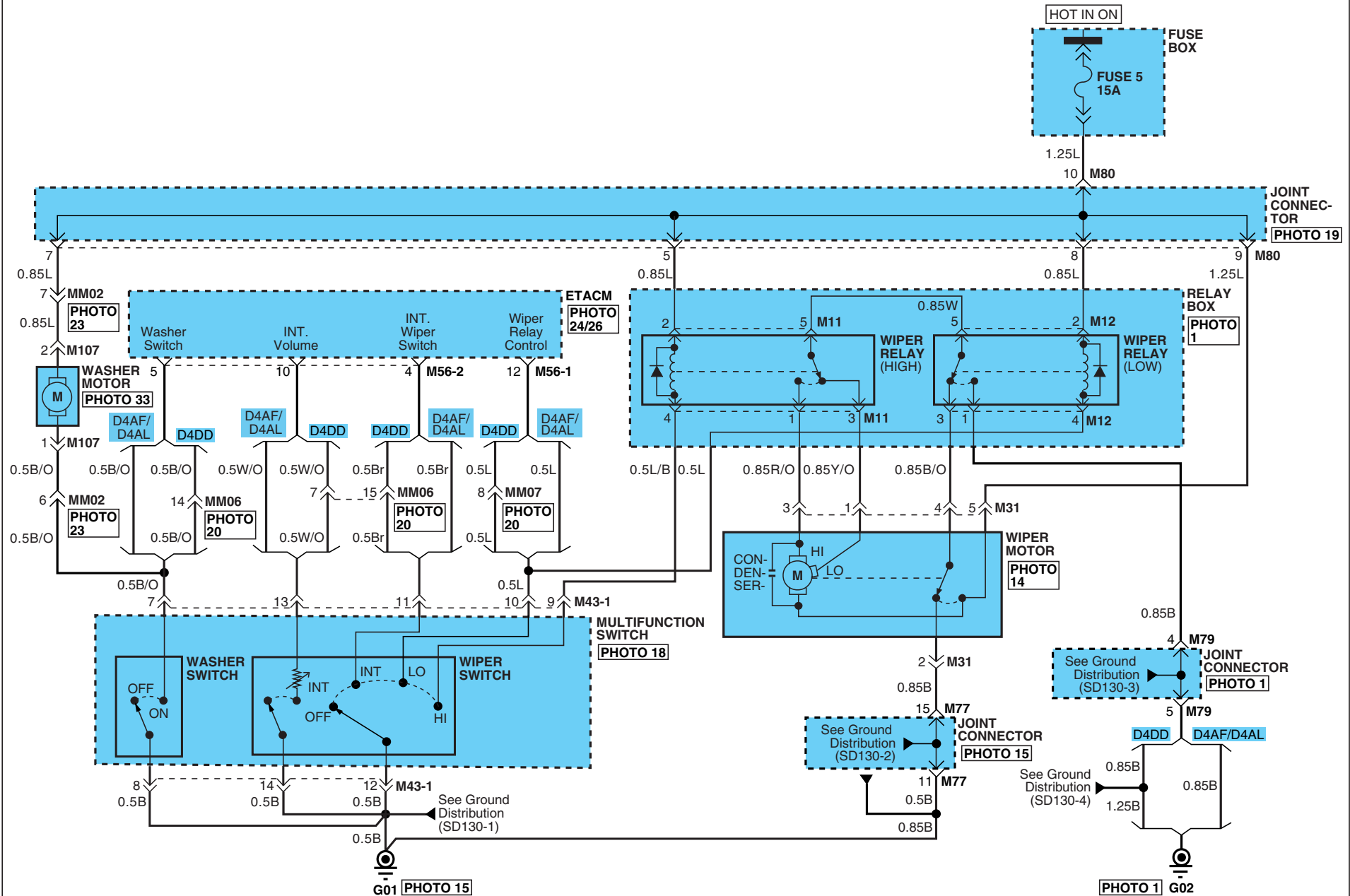
SD971-4

MEMO

WIPER & WASHER EDF7C44D

WIPER & WASHER (1)

SD981-1

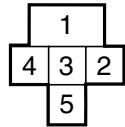


WIPER & WASHER

WIPER & WASHER (2)

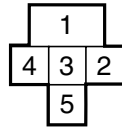
SD981-2

M11



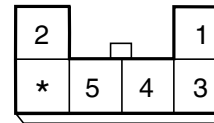
CR05F019

M12



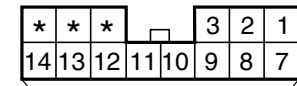
CR05F019

M31



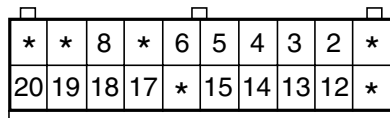
CR06F017

M43-1



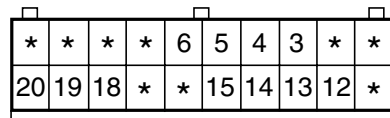
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M56-1(D4AF/D4AL)



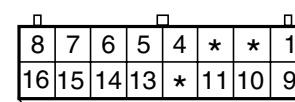
CR20F001

M56-1(D4DD)



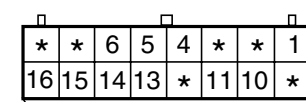
CR20F001

M56-2(D4AF/D4AL)



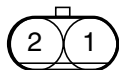
CR16F002

M56-2(D4DD)



CR16F002

M107



CR02F075

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COMPONENT LOCATIONS E7F78BCE

COMPONENT LOCATIONS (1)

CL-1

PHOTO.1

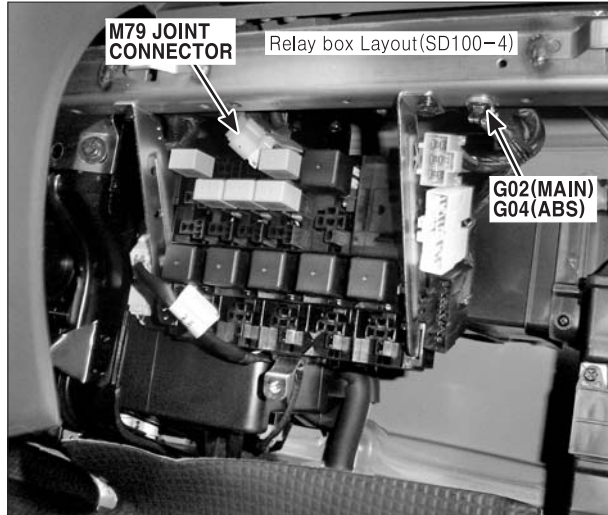


PHOTO.2

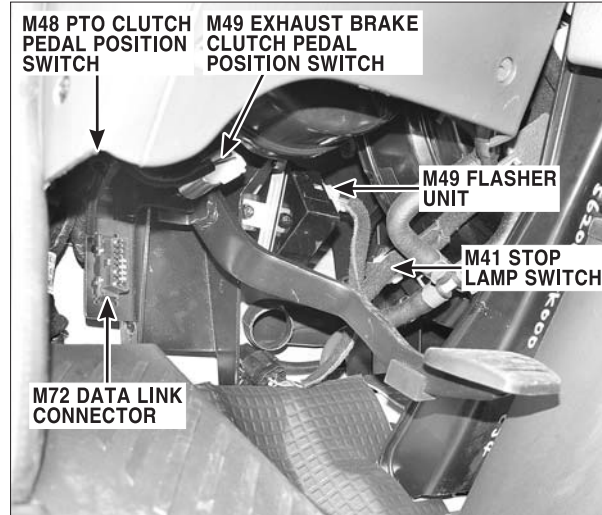


PHOTO.3

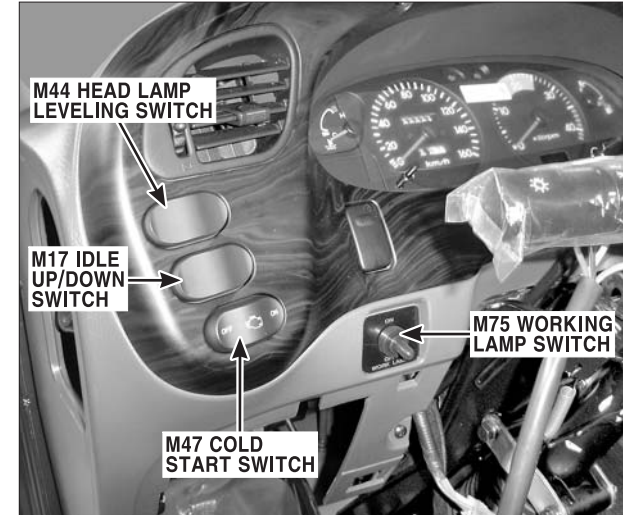


PHOTO.4

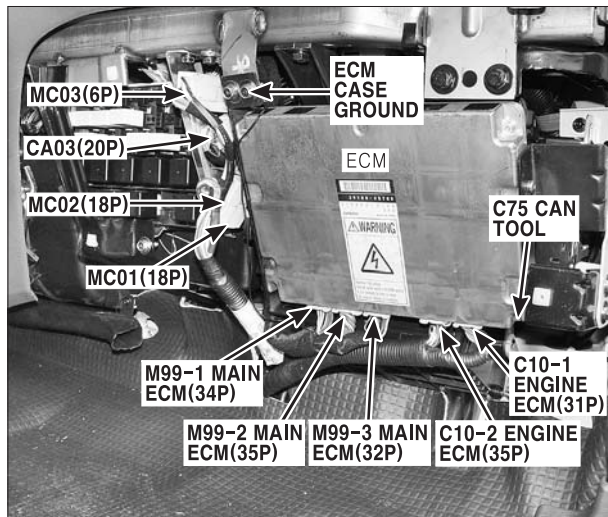
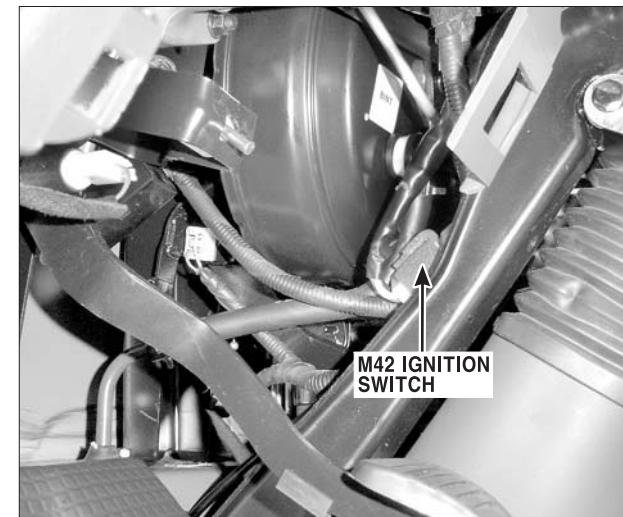


PHOTO.5



PHOTO.6



COMPONENT LOCATIONS

COMPONENT LOCATIONS (2)

CL-2

PHOTO.7

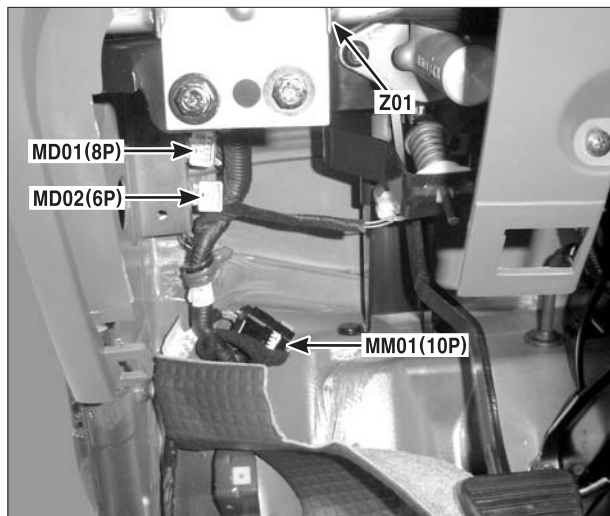


PHOTO.8

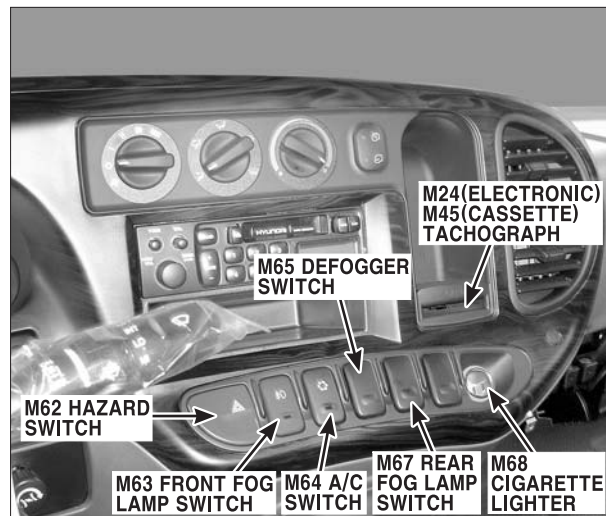


PHOTO.9

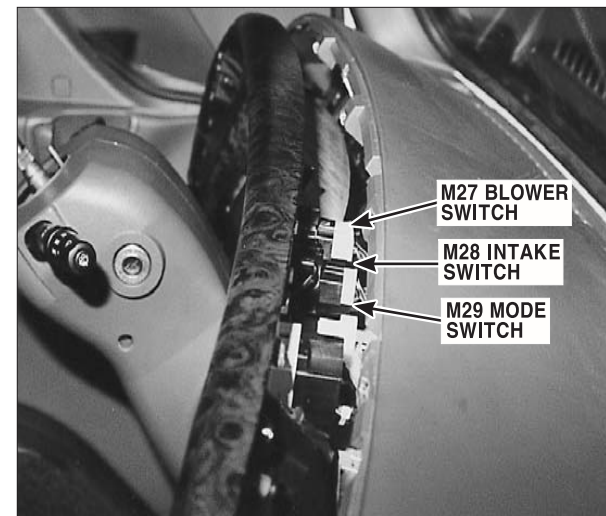


PHOTO.10

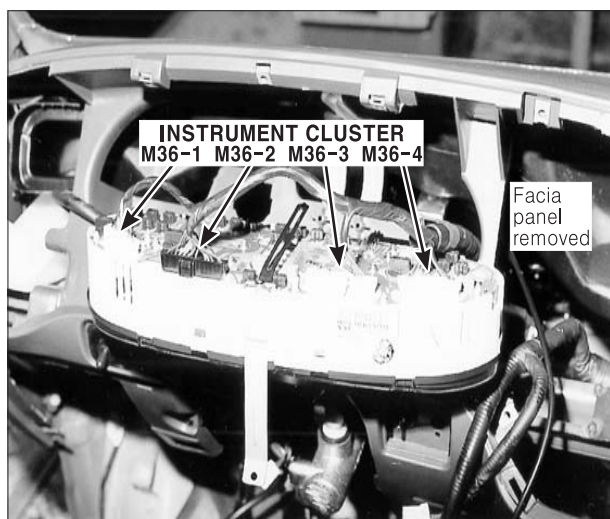


PHOTO.11

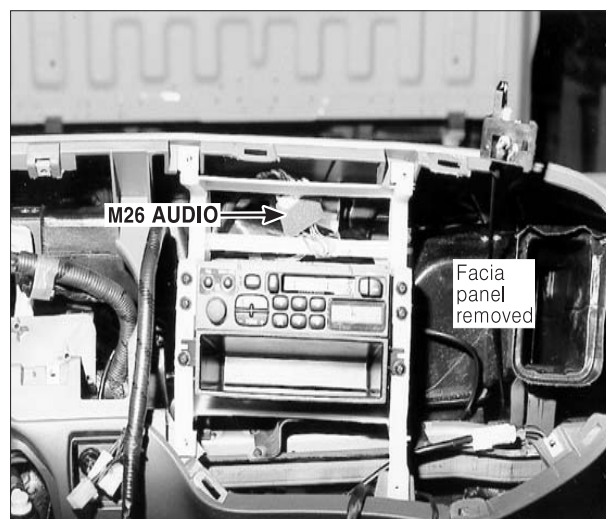
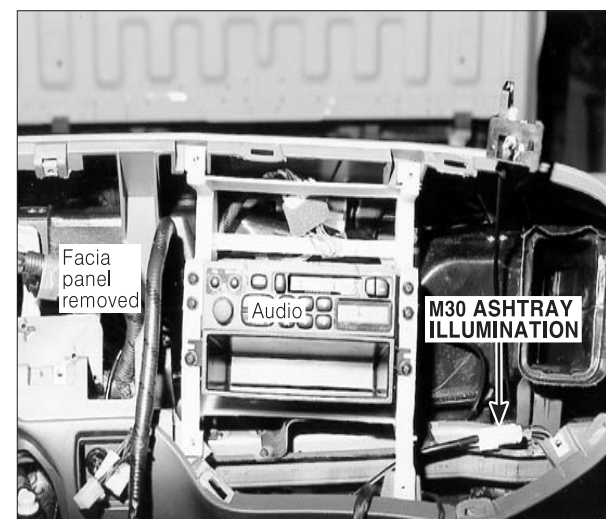


PHOTO.12



COMPONENT LOCATIONS

COMPONENT LOCATIONS (3)

CL-3

PHOTO.13

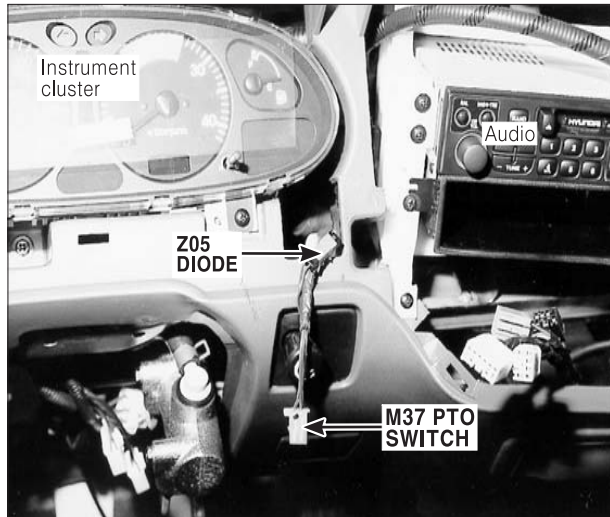


PHOTO.14

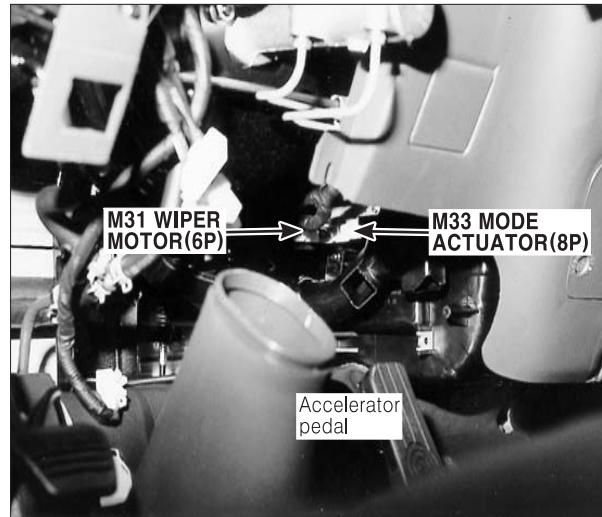


PHOTO.15

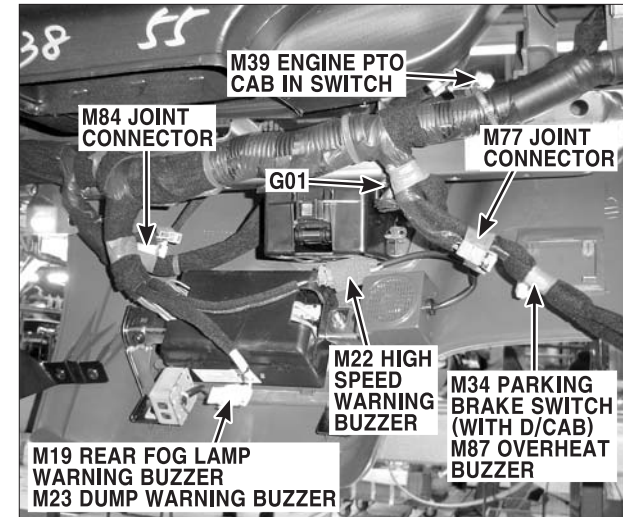


PHOTO.16

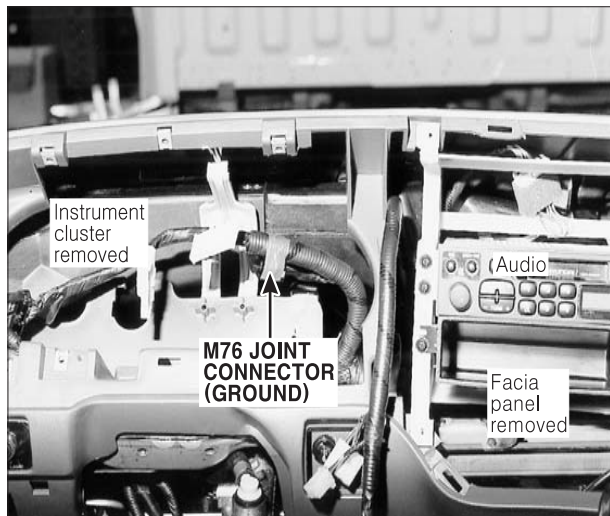


PHOTO.17

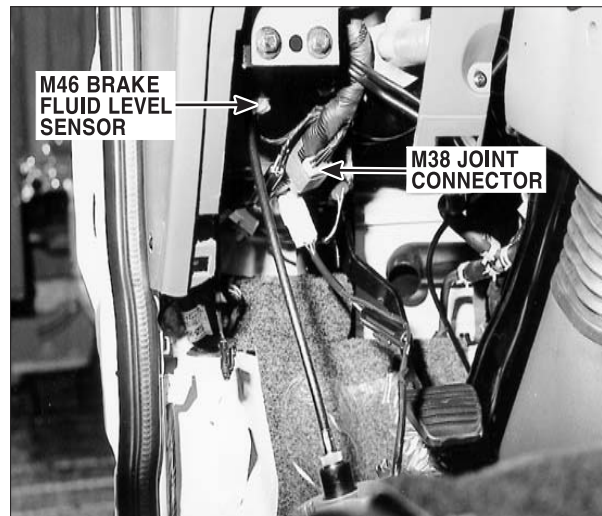
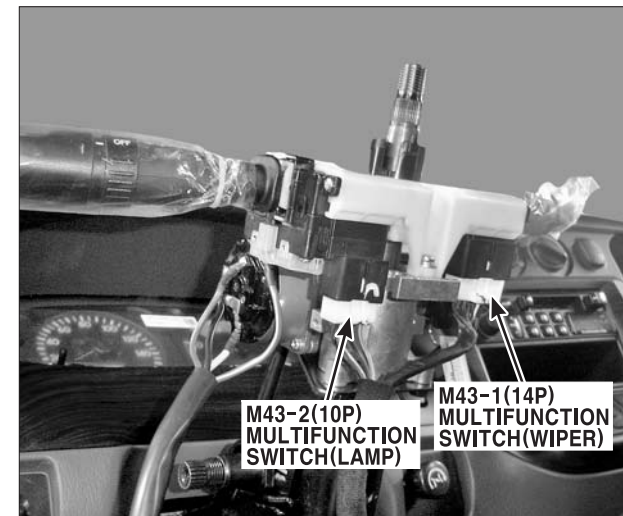


PHOTO.18



COMPONENT LOCATIONS

COMPONENT LOCATIONS (4)

CL-4

PHOTO.19

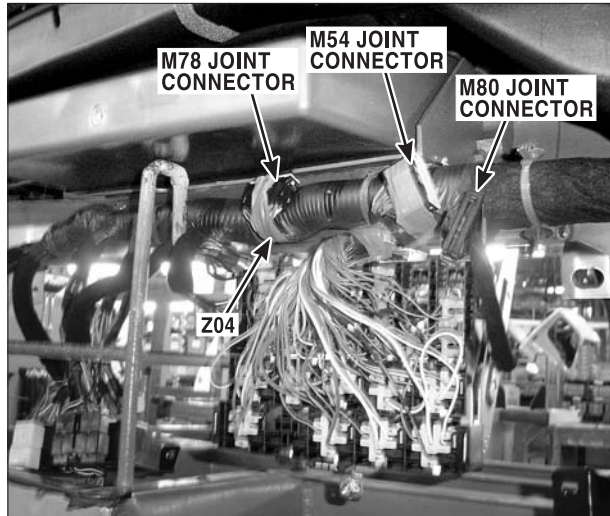


PHOTO.20

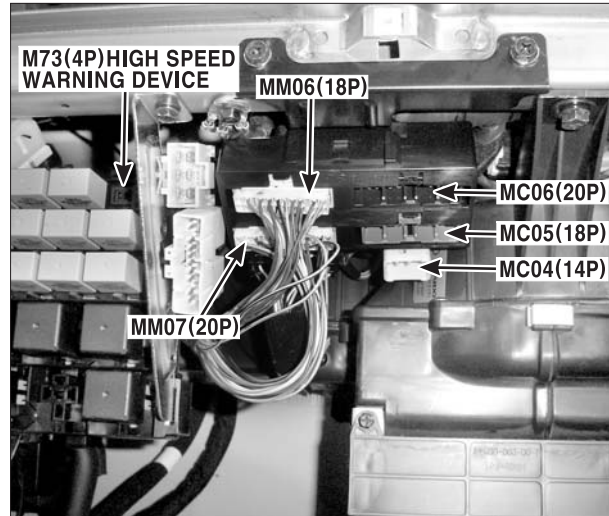


PHOTO.21

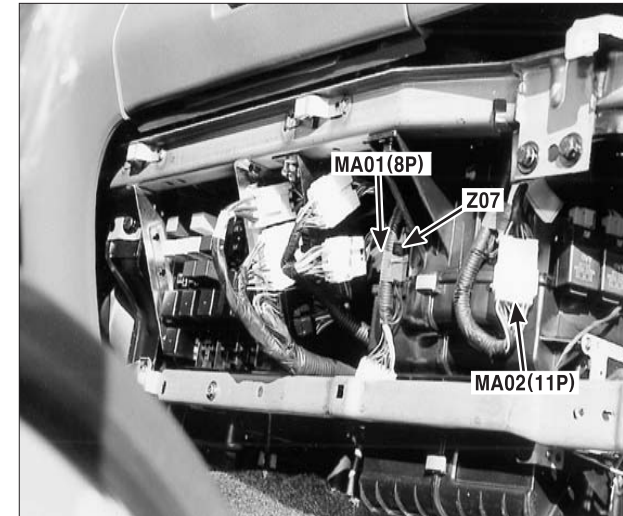


PHOTO.22

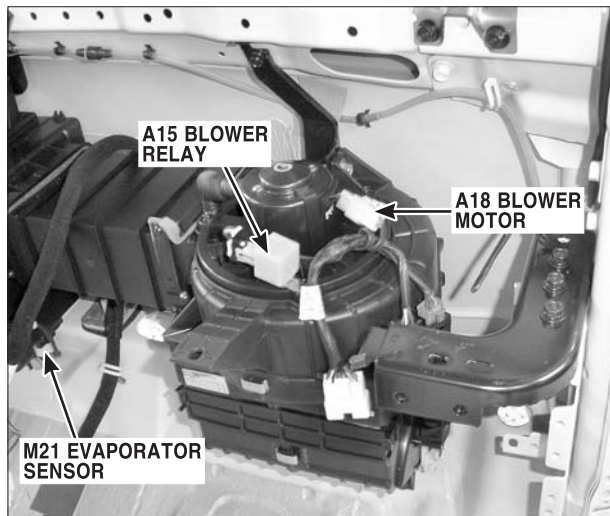


PHOTO.23

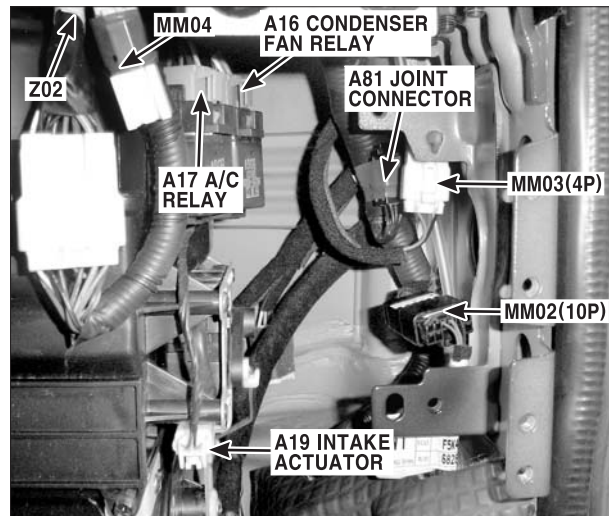
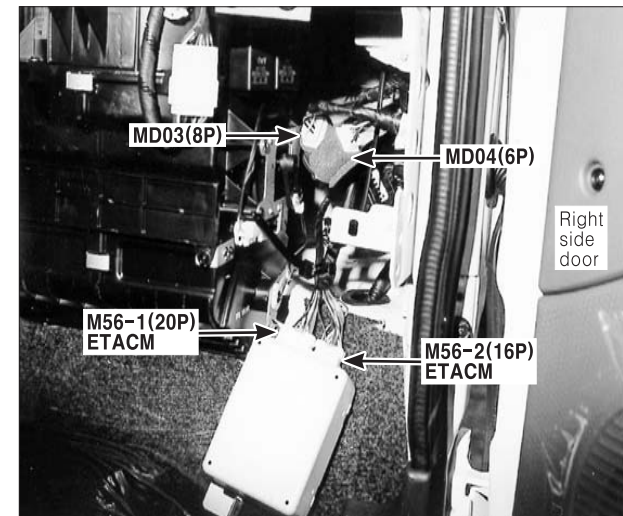


PHOTO.24



COMPONENT LOCATIONS

COMPONENT LOCATIONS (5)

CL-5

PHOTO.25

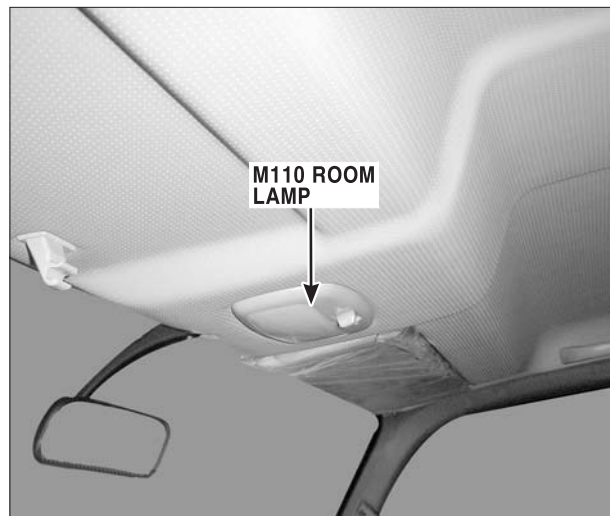


PHOTO.26

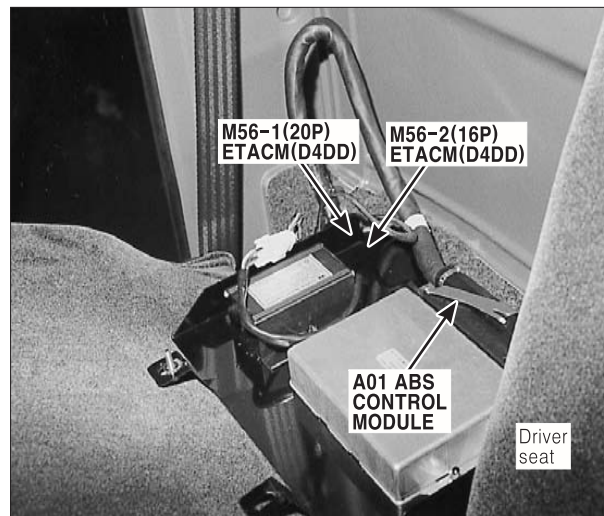


PHOTO.27

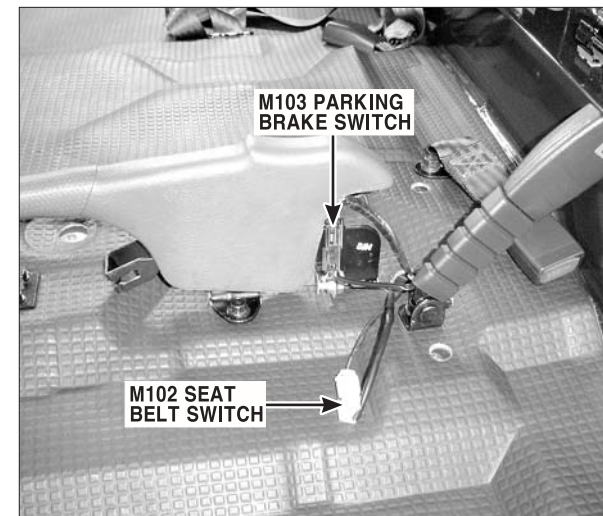


PHOTO.28



PHOTO.29

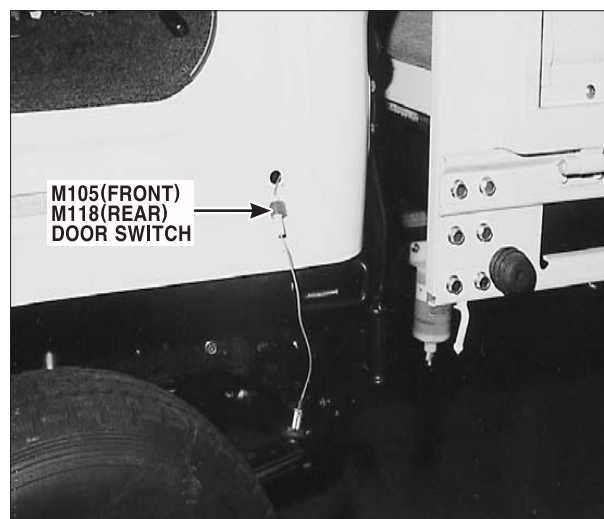
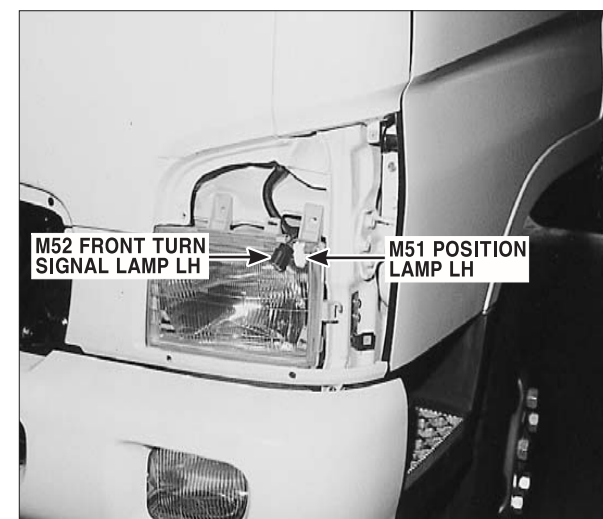


PHOTO.30



COMPONENT LOCATIONS

COMPONENT LOCATIONS (6)

CL-6

PHOTO.31

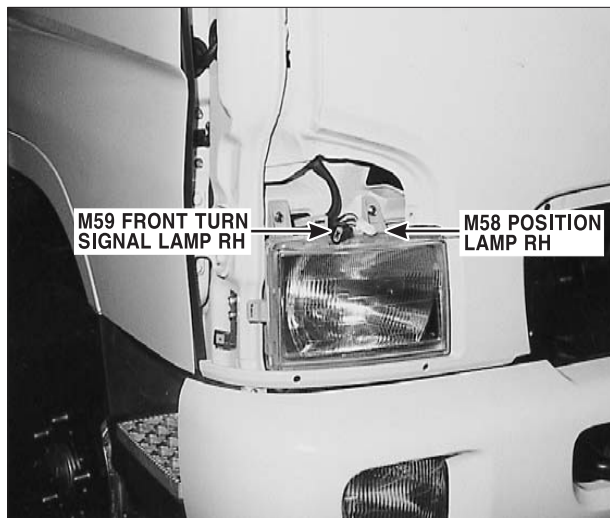


PHOTO.32

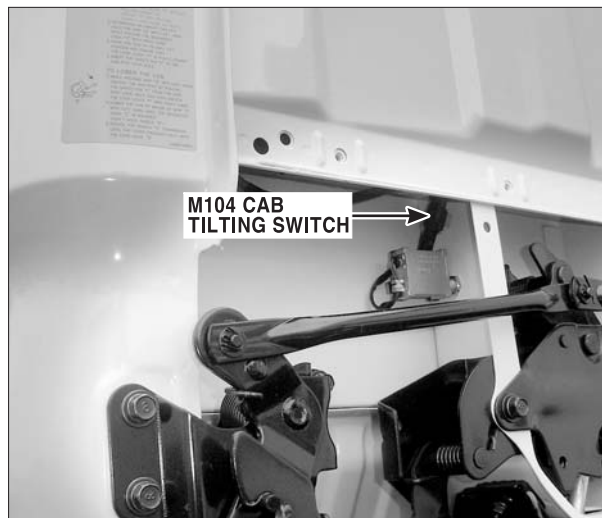


PHOTO.33



PHOTO.34

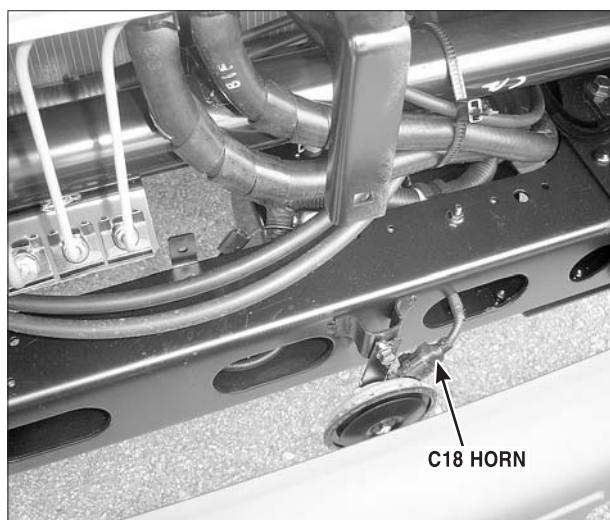


PHOTO.35

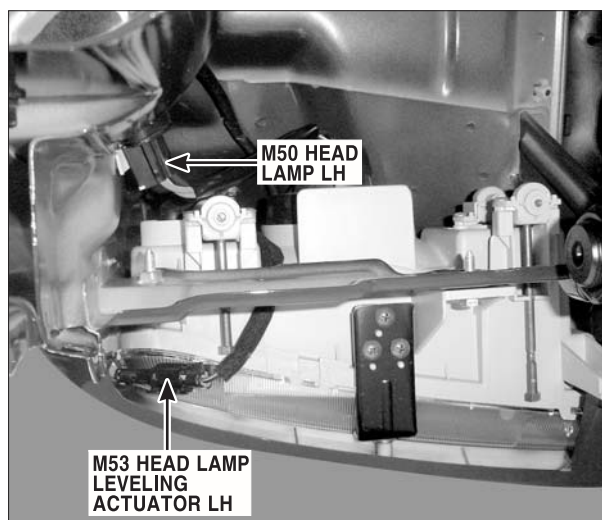
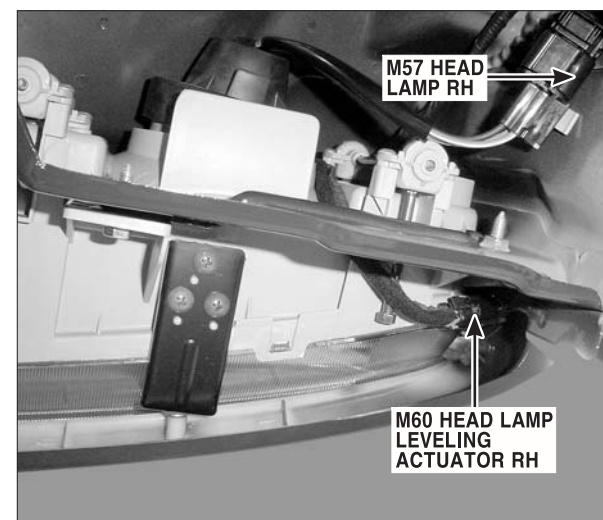


PHOTO.36



COMPONENT LOCATIONS

COMPONENT LOCATIONS (7)

CL-7

PHOTO.37

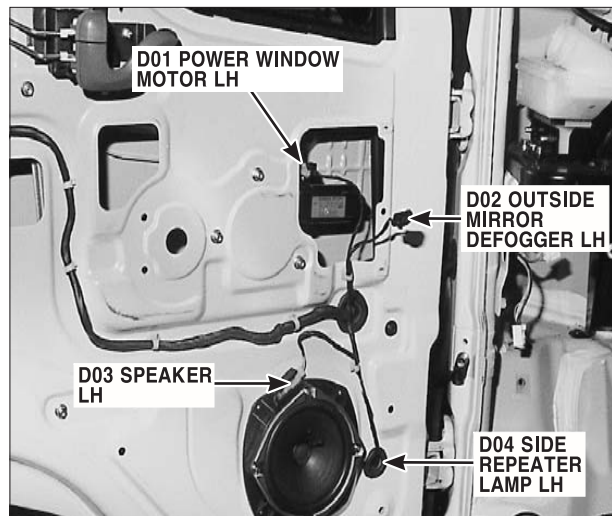


PHOTO.38

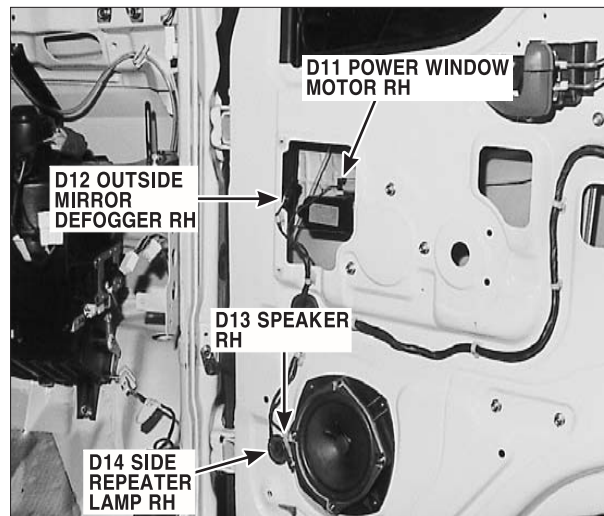


PHOTO.39



PHOTO.40



PHOTO.41

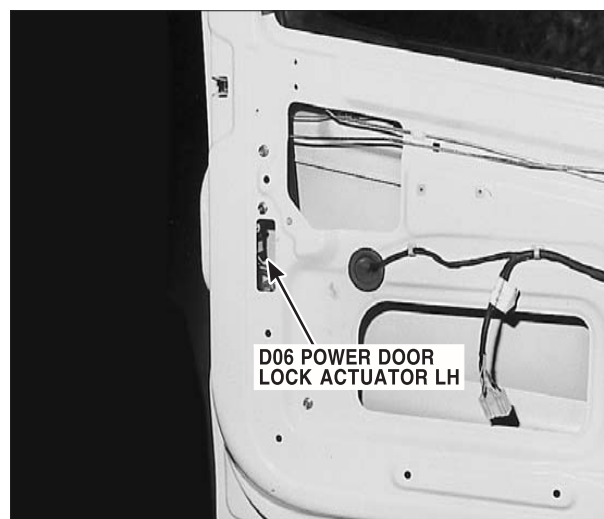
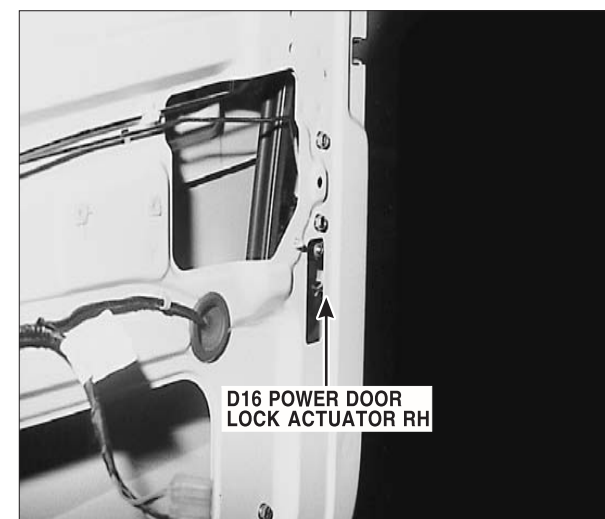


PHOTO.42



COMPONENT LOCATIONS

COMPONENT LOCATIONS (8)

CL-8

PHOTO.43



PHOTO.44

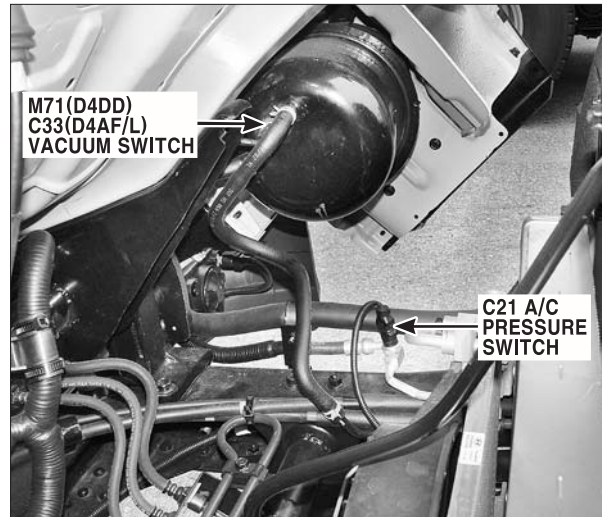


PHOTO.45

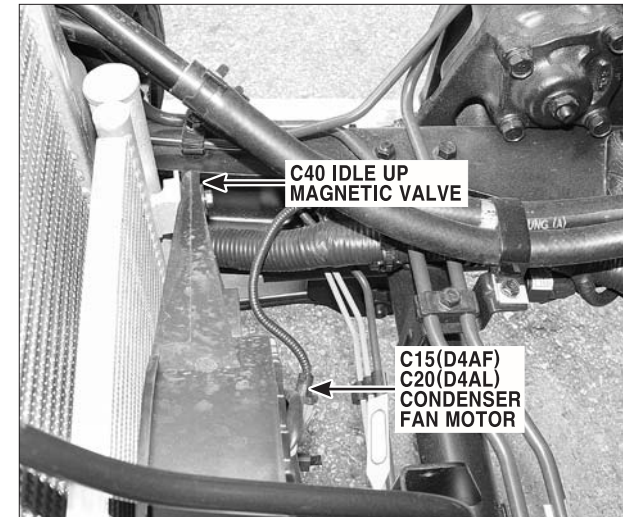


PHOTO.46

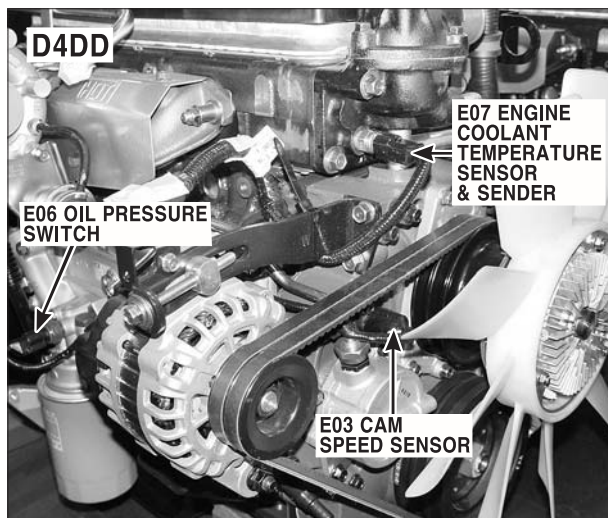


PHOTO.47

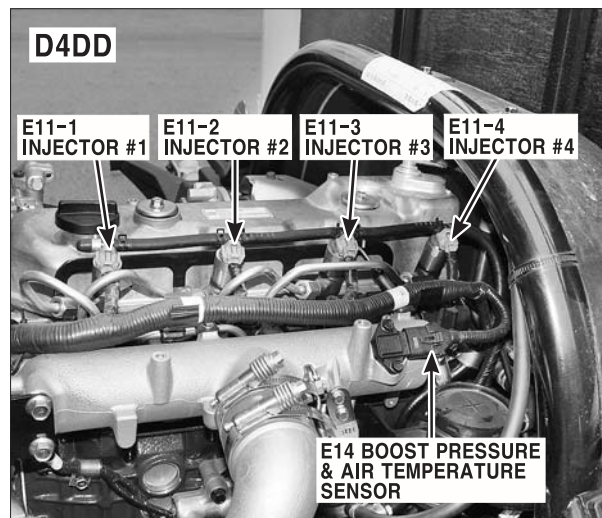
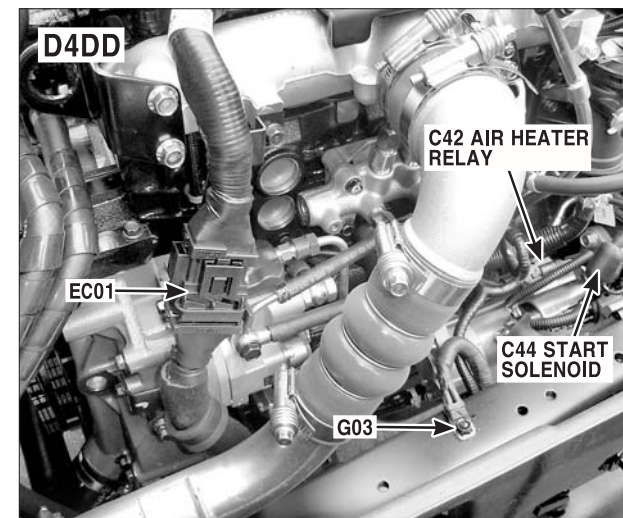


PHOTO.48



COMPONENT LOCATIONS

COMPONENT LOCATIONS (9)

CL-9

PHOTO.49

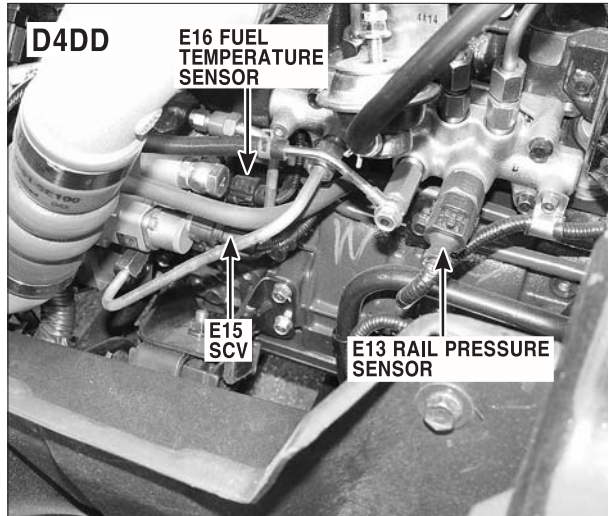


PHOTO.50

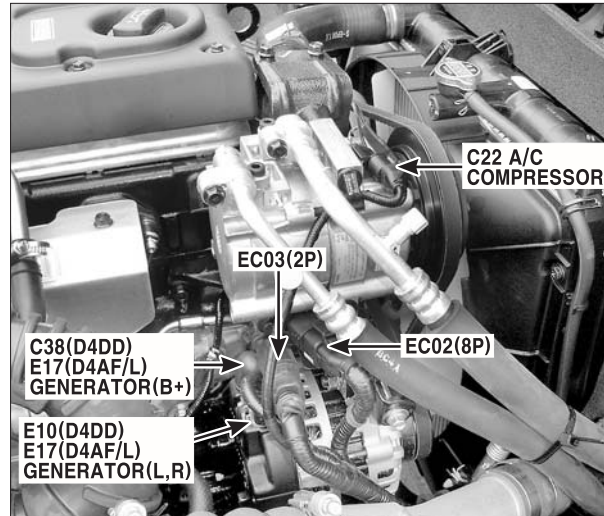


PHOTO.51

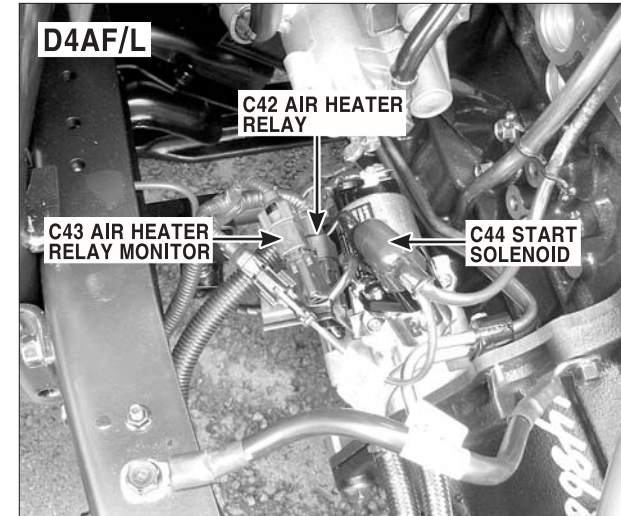


PHOTO.52

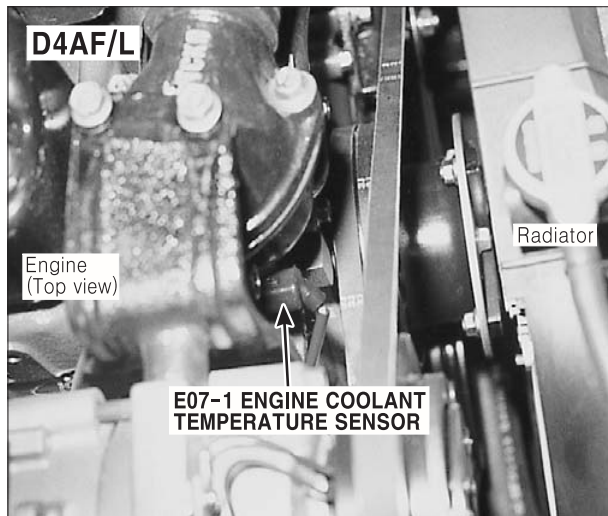


PHOTO.53

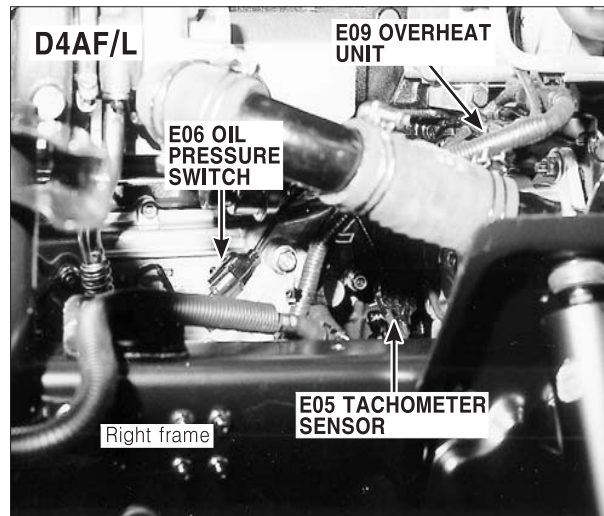
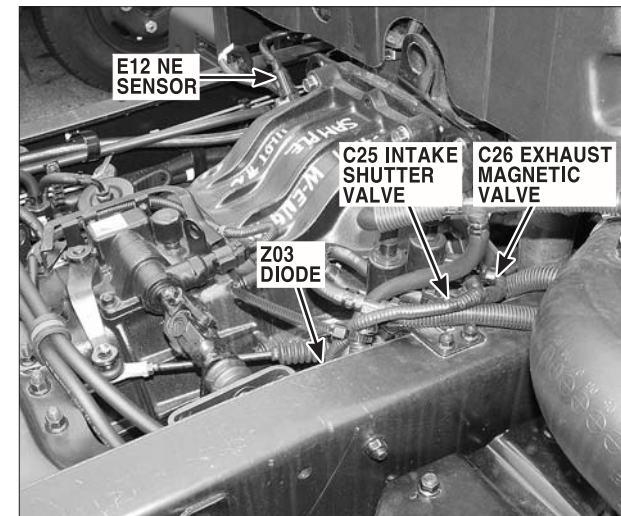


PHOTO.54



COMPONENT LOCATIONS

COMPONENT LOCATIONS (10)

CL-10

PHOTO.55

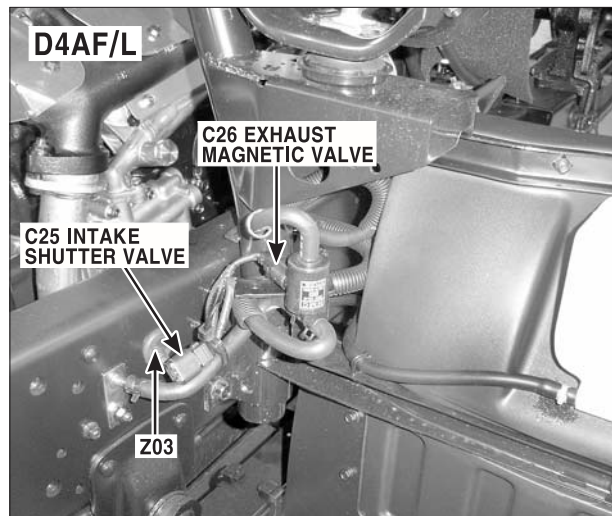


PHOTO.56

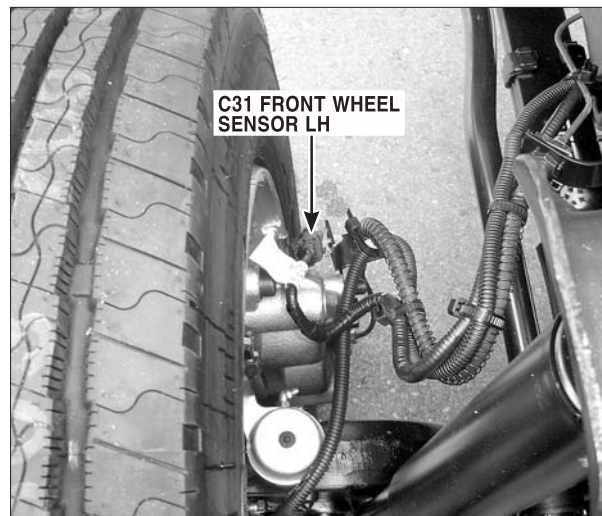


PHOTO.57



PHOTO.58

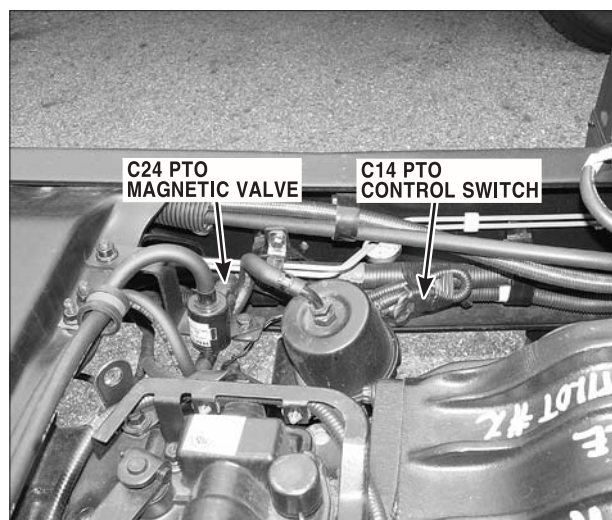


PHOTO.59

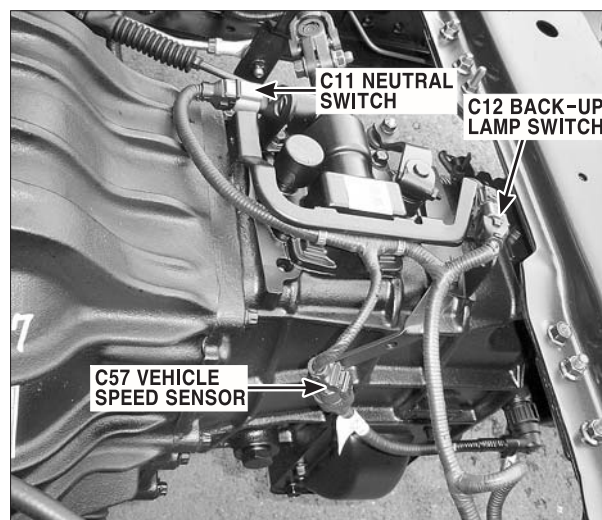
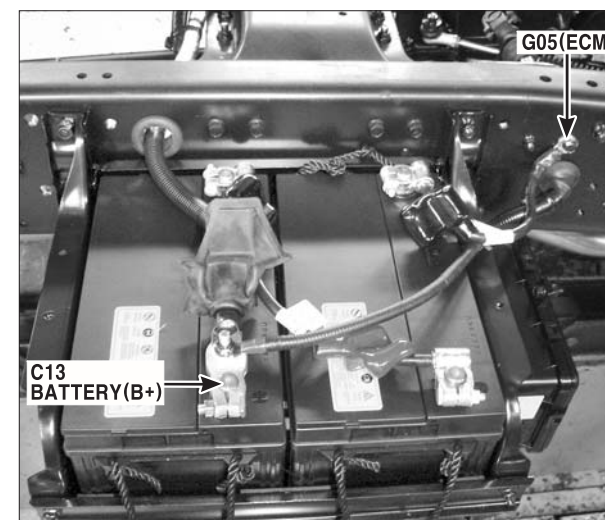


PHOTO.60



COMPONENT LOCATIONS

COMPONENT LOCATIONS (11)

CL-11

PHOTO.61

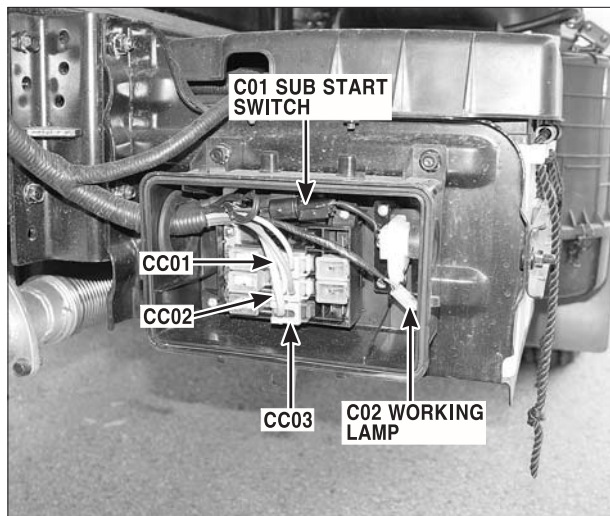


PHOTO.62

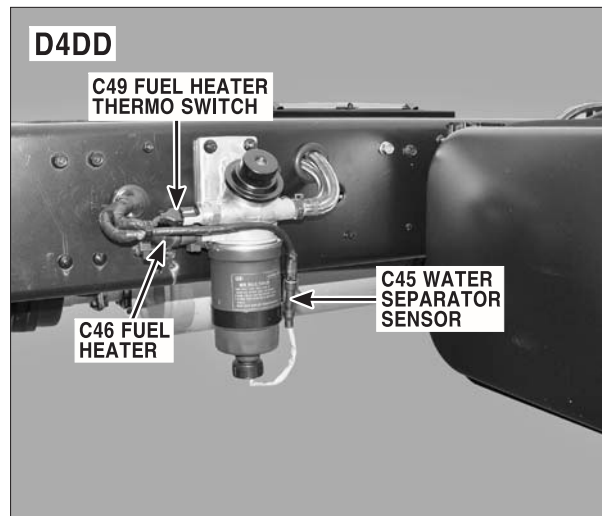


PHOTO.63

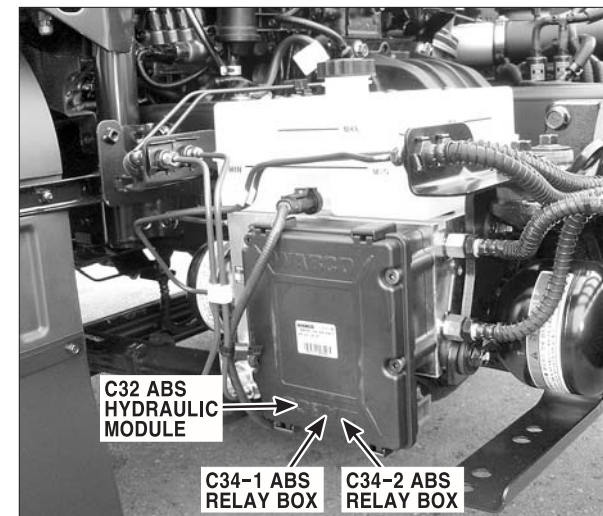


PHOTO.64

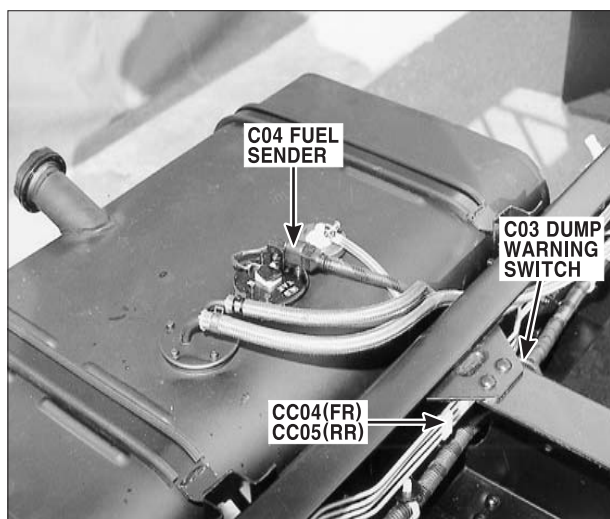
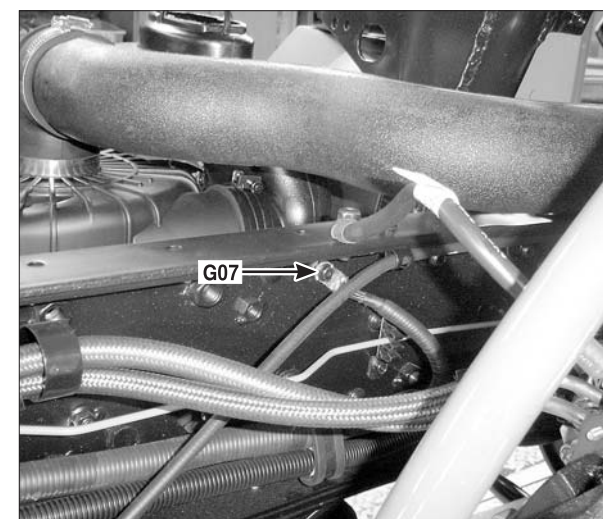


PHOTO.65



PHOTO.66



COMPONENT LOCATIONS

COMPONENT LOCATIONS (12)

CL-12

PHOTO.67

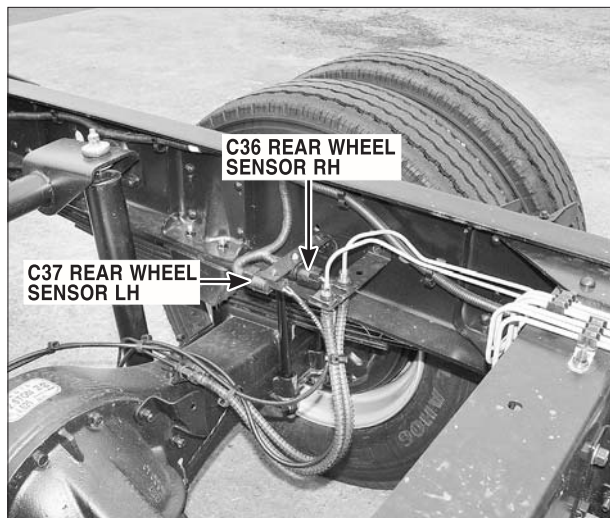


PHOTO.68



PHOTO.69

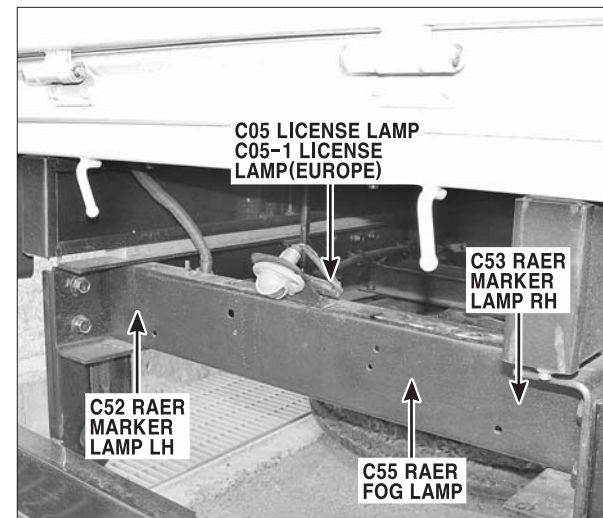


PHOTO.70



PHOTO.71

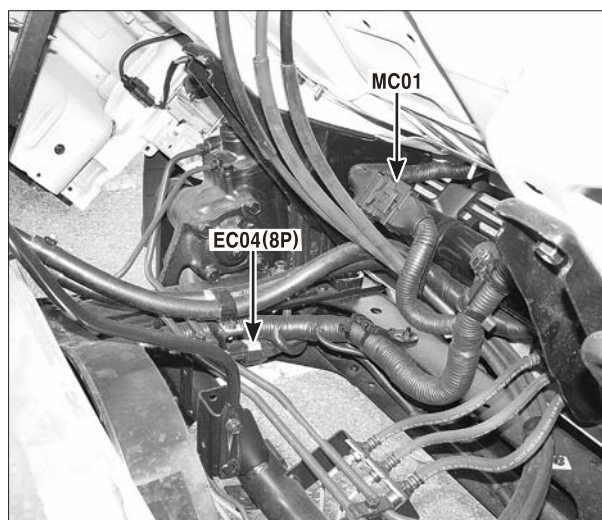


PHOTO.72

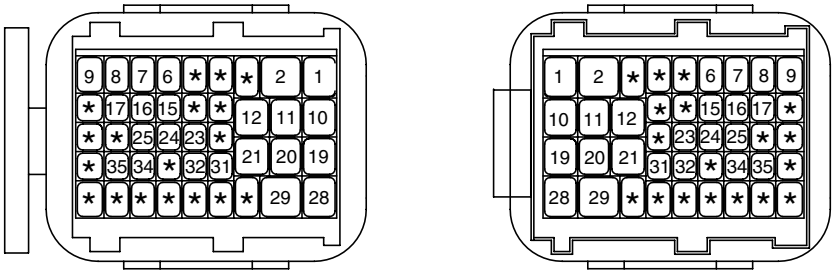


HARNESS CONNECTORS

E1917FB2

HARNESS CONNECTORS (1)		CC-1																																																											
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CA03 <table><tr><td>9</td><td>8</td><td>7</td><td>6</td><td>5</td><td></td><td></td><td>4</td><td>3</td><td>2</td><td>1</td></tr><tr><td>20</td><td>19</td><td>18</td><td>17</td><td>16</td><td>15</td><td>14</td><td>13</td><td>12</td><td>11</td><td>10</td></tr></table><table><tr><td>1</td><td>2</td><td>3</td><td>4</td><td></td><td></td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr><tr><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr></table> CR20B007	9	8	7	6	5			4	3	2	1	20	19	18	17	16	15	14	13	12	11	10	1	2	3	4			5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	CC01 <table><tr><td>1</td></tr><tr><td>2</td></tr></table><table><tr><td>1</td></tr><tr><td>2</td></tr></table> CR02B006	1	2	1	2												
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CC02 <table><tr><td>1</td></tr><tr><td>2</td></tr></table><table><tr><td>1</td></tr><tr><td>2</td></tr></table> CR02B006	1	2	1	2	CC03 <table><tr><td>1</td></tr><tr><td>*</td></tr></table><table><tr><td>1</td></tr><tr><td>*</td></tr></table> CR02B006	1	*	1	*																																																				
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5	6	7	8																																																										

HARNESS CONNECTORS

HARNESS CONNECTORS (2)		CC-2
EC01  CR42B001		EC03  CR02B020 EC04  CR08B005
MA01  CR08B006		MA02  CR11B004
MC01  CR18B005		MC02  CR18B005
MC03  CR06B009		MC04  CR14B011

HARNESS CONNECTORS

HARNESS CONNECTORS (3)

CC-3

MC05

8	*	*	5			4	3	2	1
18	17	16	15	14	13	12	11	10	9

1	2	3	4			5	*	*	8
9	10	11	12	13	14	15	16	17	18

CR18B005

MC06

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

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

CR20B007

MD01

3	2			1
8	7	6	5	4

1			2	3
4	5	6	7	8

CR08B006

MD02

2			1
6	5	4	3

1			2
3	4	5	6

CR06B006

MD03

3	2			1
8	7	6	*	4

1			2	3
4	*	6	7	8

CR08B006

MD04

2			1
6	5	4	3

1			2
3	4	5	6

CR06B006

MM01

*	3			2	*
*	9	8	7	6	*

*	2			3	*
*	6	7	8	9	*

CR10B006

MM02

*	*			*	*
*	*	8	7	6	*

*	*			*	*
*	6	7	8	*	*

CR10B006

MM03

4	3	2	1
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1	2	3	4
---	---	---	---

CR04B013

MM04

2	1
---	---

1	2
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CR02B012

HARNESS CONNECTORS

HARNESS CONNECTORS (4)																		CC-4																																							
MM06										MM07																																															
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*	17	*	15	14	13	*	*	10	*																																																
1	2	3	4			*	6	7	*																																																
9	10	11	12	13	14	15	16	17	*																																																
CR18B005										CR20B007																																															

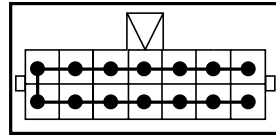
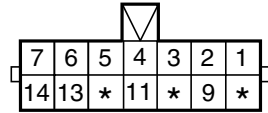
JOINT CONNECTORS

EFA3F682

JOINT CONNECTORS (1)

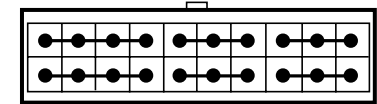
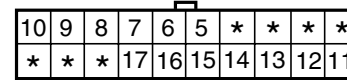
CC-5

M38



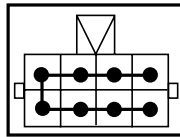
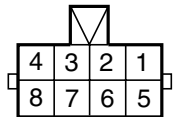
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M54



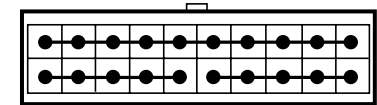
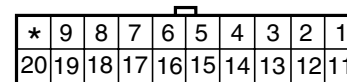
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M76



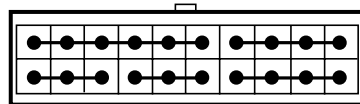
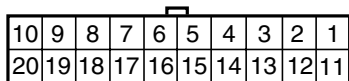
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M77



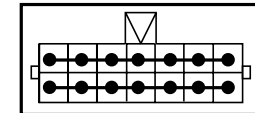
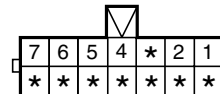
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M78



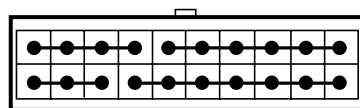
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M79



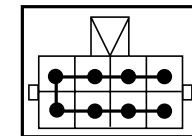
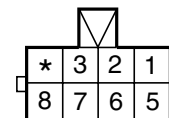
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M80



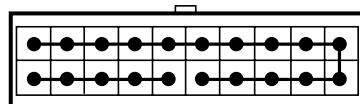
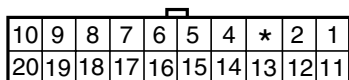
CR20B022

M81



CR08B027

M84



CR20B022

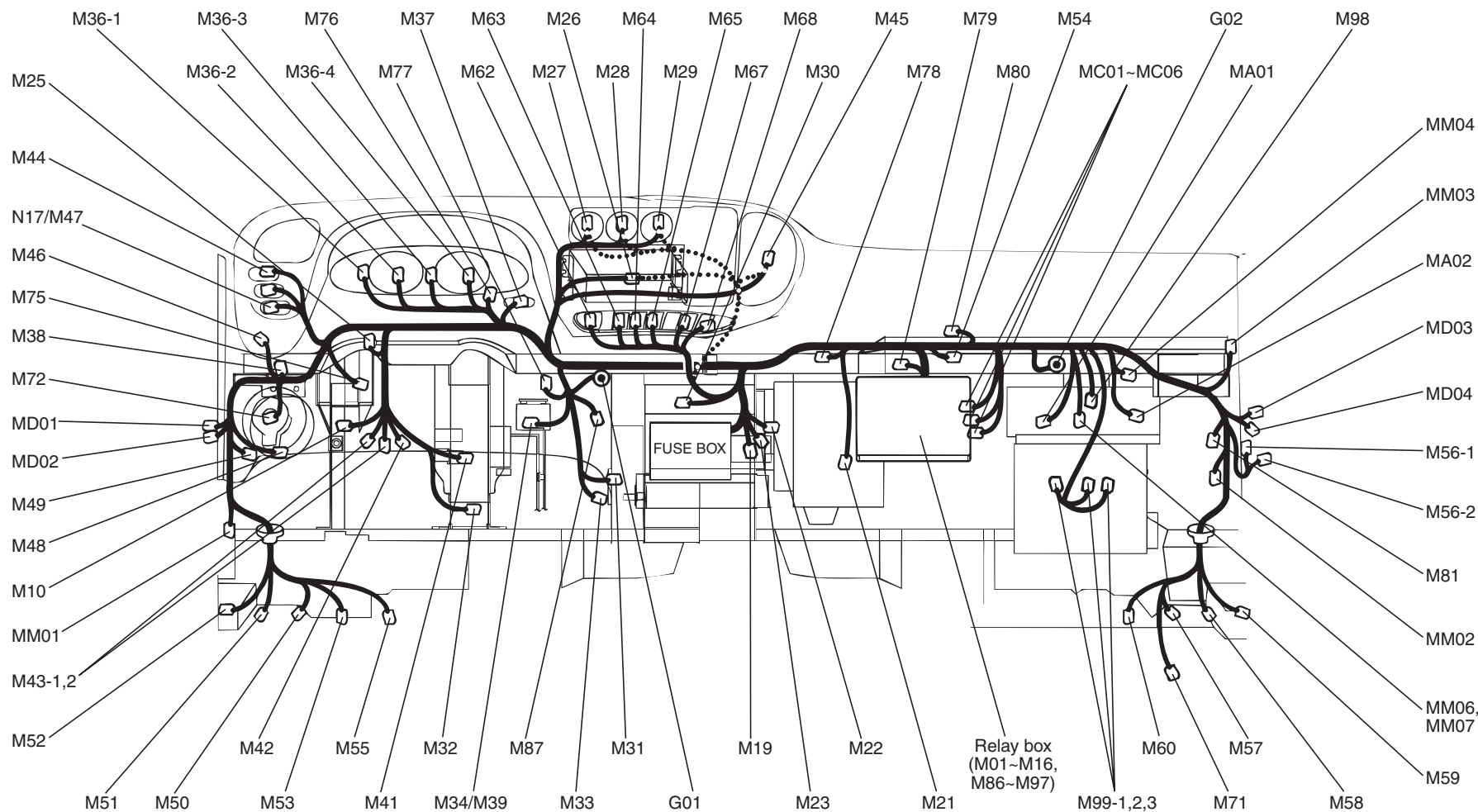
BLANK

MAIN HARNESS E5ACE9B5

MAIN HARNESS (1)

HL-1

.....: D4DD
 ———: D4AF/D4AL



MAIN HARNESS

MAIN HARNESS (2)

HL-2

MAIN HARNESS

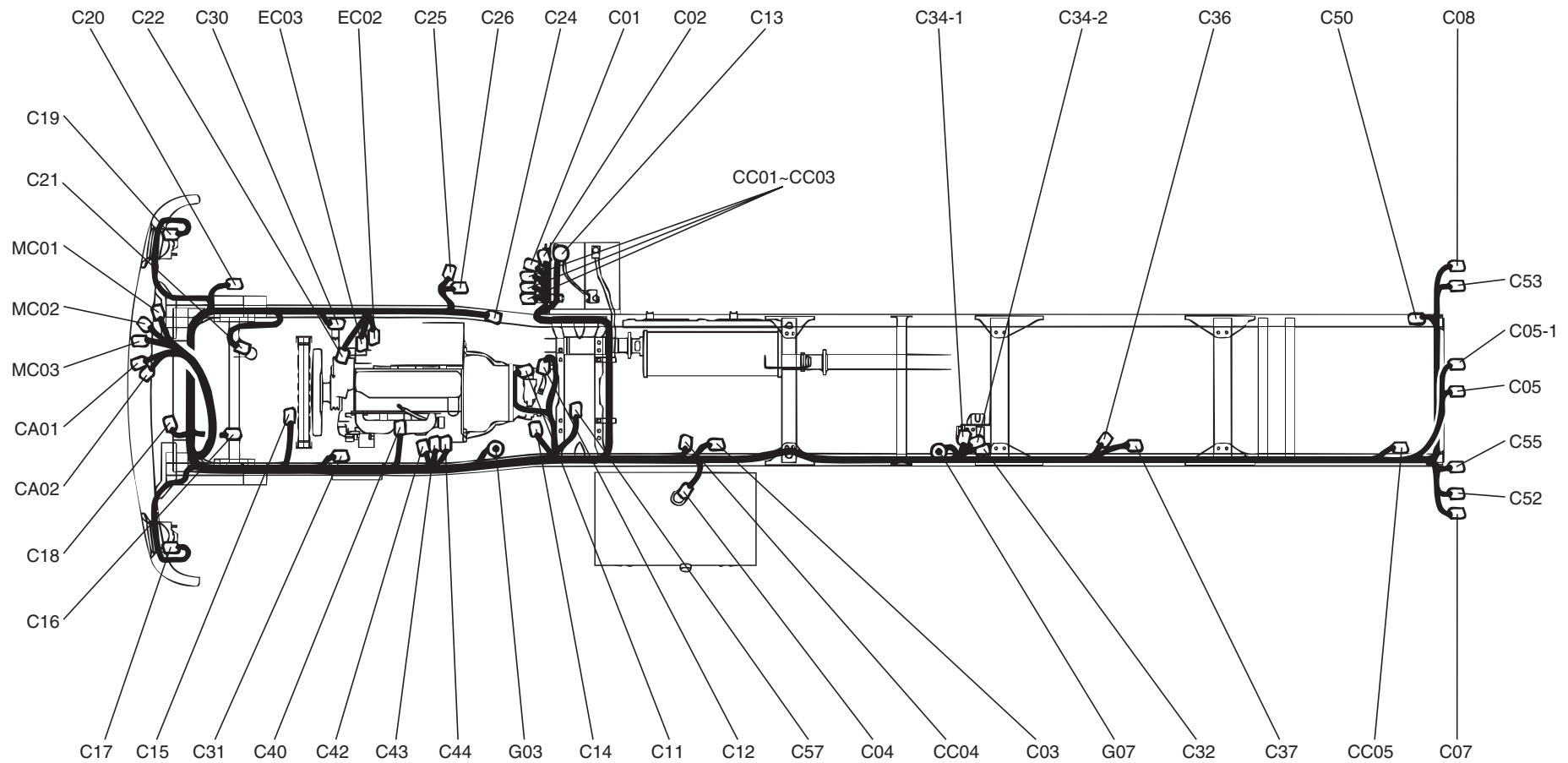
M01	Front fog lamp relay	M43-1	Multifunction switch(Wiper)	M81	Joint connector
M02	Tail lamp relay	M43-2	Multifunction switch(Lamp)	M84	Joint connector
M04	Power window relay	M44	Head lamp leveling	M86	Rear fog indicator relay(D4AF/D4AL)
M05	Power door lock relay		switch(D4AF/D4AL)	M87	Overheat buzzer(D4AF/D4AL)
M06	Power door unlock relay	M45	Tachograph(Cassette type)	M88	Horn relay(D4DD)
M07	Outside mirror defogger relay	M46	Brake fluid level sensor	M90	Fuel heater relay(D4DD)
M08	PTO relay	M47	Cold start switch(D4AF/D4AL)	M91	Engine ECM relay(D4DD)
M09	Dump relay	M48	PTO clutch pedal position	M93	Exhaust brake relay(D4DD)
M10	Flasher unit		switch(D4AF/D4AL)	M94	Glow relay(D4DD)
M11	Wiper relay(High)	M49	Exhaust brake clutch	M97	Overheat buzzer relay(D4AF/D4AL)
M12	Wiper relay(Low)		pedal position switch	M99-1	Main ECM(D4DD)
M13	Head lamp relay(High)	M50	Head lamp LH	M99-2	Main ECM(D4DD)
M14	Head lamp relay(Low)	M51	Position lamp LH	M99-3	Main ECM(D4DD)
M15	ABS relay	M52	Front turn signal lamp LH	MA01	Connection With A.B.S Harness
M16	Rear fog lamp relay(D4AF/D4AL)	M53	Head lamp leveling	MA02	Connection With AIR CON Harness
M17	Idle up/down switch(D4DD)		actuator LH(D4AF/D4AL)	MC01	Connection With CHASSIS Harness(D4AF/D4AL)
M19	Rear fog lamp warning buzzer(D4AF/D4AL)	M54	Joint connector	MC02	Connection With CHASSIS Harness(D4AF/D4AL)
M21	Evaporator sensor	M56-1	ETACM(D4AF/D4AL)	MC03	Connection With CHASSIS Harness
M22	High speed warning buzzer(D4AF/D4AL)	M56-2	ETACM(D4AF/D4AL)	MC04	Connection With CHASSIS Harness(D4DD)
M23	Dump warning buzzer	M57	Head lamp RH	MC05	Connection With CHASSIS Harness(D4DD)
M24	Tachograph(Electronic)(D4AF/D4AL)	M58	Position lamp RH	MC06	Connection With CHASSIS Harness(D4DD)
M26	Audio	M59	Front turn signal lamp RH	MD01	Connection With DOOR LH Harness
M27	Blower switch	M60	Head lamp leveling	MD02	Connection With DOOR LH Harness
M28	Intake switch		actuator RH(D4AF/D4AL)	MD03	Connection With DOOR RH Harness
M29	Mode switch	M62	Hazard switch	MD04	Connection With DOOR RH Harness
M30	Ashtray ILL.	M63	Front fog lamp switch	MM01	Connection With FLOOR LH Harness
M31	Wiper motor	M64	A/C switch	MM02	Connection With FLOOR RH Harness
M32	Accelerator pedal position switch	M65	Defogger switch	MM03	Connection With ROOF Harness(D4AF/D4AL)
M33	Mode actuator	M67	Rear fog lamp switch(D4AF/D4AL)	MM04	Connection With MAIN(JUMP) Harness(D4AF/D4AL)
M34	Parking brake switch	M68	Cigarette lighter	MM06	Connection With FLOOR CENTER Harness(D4DD)
	(With double cab)(D4AF/D4AL)	M71	Vacuum switch(D4DD)	MM07	Connection With FLOOR CENTER Harness(D4DD)
M36-1	Instrument cluster	M72	Data link connector	G01	Ground
M36-2	Instrument cluster	M73	High speed warning	G02	Ground
M36-3	Instrument cluster		device(D4AF/D4AL)	Z01	Diode(D4AF/D4AL)
M36-4	Instrument cluster	M75	Working lamp switch	Z02	Diode(D4AF/D4AL)
M37	PTO switch	M76	Joint connector	Z04	Diode(D4AF/D4AL)
M38	Joint connector	M77	Joint connector	Z05	Diode
M39	Engine PTO cab in switch(D4DD)	M78	Joint connector	Z07	Diode(D4DD)
M41	Stop lamp switch	M79	Joint connector		
M42	Ignition switch	M80	Joint connector		

CHASSIS HARNESS E4AB6D12

CHASSIS HARNESS (1)

HL-3

D4AF/D4AL



CHASSIS HARNESS

CHASSIS HARNESS (2)

HL-4

CHASSIS HARNESS(D4AF/D4AL)

C01 Sub start switch
 C02 Working lamp
 C03 Dump warning switch
 C04 Fuel sender
 C05 License lamp
 C05-1 License lamp(Europe)
 C07 Rear combination lamp LH
 C08 Rear combination lamp RH
 C11 Neutral switch
 C12 Back-up lamp switch
 C13 Battery
 C14 PTO control switch
 C15 Condenser fan motor(D4AF)
 C17 Front fog lamp LH
 C18 Horn
 C19 Front fog lamp RH
 C20 Condenser fan motor(D4AL)
 C21 A/C pressure switch
 C22 A/C compressor
 C24 PTO magnetic valve
 C25 Intake shutter valve
 C26 Exhaust magnetic valve
 C30 Front wheel sensor RH
 C31 Front wheel sensor LH
 C32 ABS hydraulic module
 C33 Vacuum switch
 C34-1 ABS relay box
 C34-2 ABS relay box
 C36 Rear wheel sensor RH
 C37 Rear wheel sensor LH
 C40 Idle up magnetic valve
 C42 Air heater relay
 C43 Air heater relay
 C44 Start solenoid
 C50 Back warning buzzer

C52 Rear marker lamp LH
 C53 Rear marker lamp RH
 C55 Rear fog lamp
 C57 Vehicle speed sensor
 CA01 Connection With A.B.S Harness
 CA02 Connection With A.B.S Harness
 CC01 Connection With Fusible Link Box
 CC02 Connection With Fusible Link Box
 CC03 Connection With Fusible Link Box
 CC04 Connection With SIDE MARKER Harness
 CC05 Connection With SIDE MARKER Harness
 EC02 Connection With ENGINE RH Harness
 EC03 Connection With ENGINE Harness
 MC01 Connection With MAIN Harness
 MC02 Connection With MAIN Harness
 MC03 Connection With MAIN Harness
 G03 Ground
 G07 Ground
 Z03 Diode

SIDE MARKER HARNESS(D4AF/D4AL)

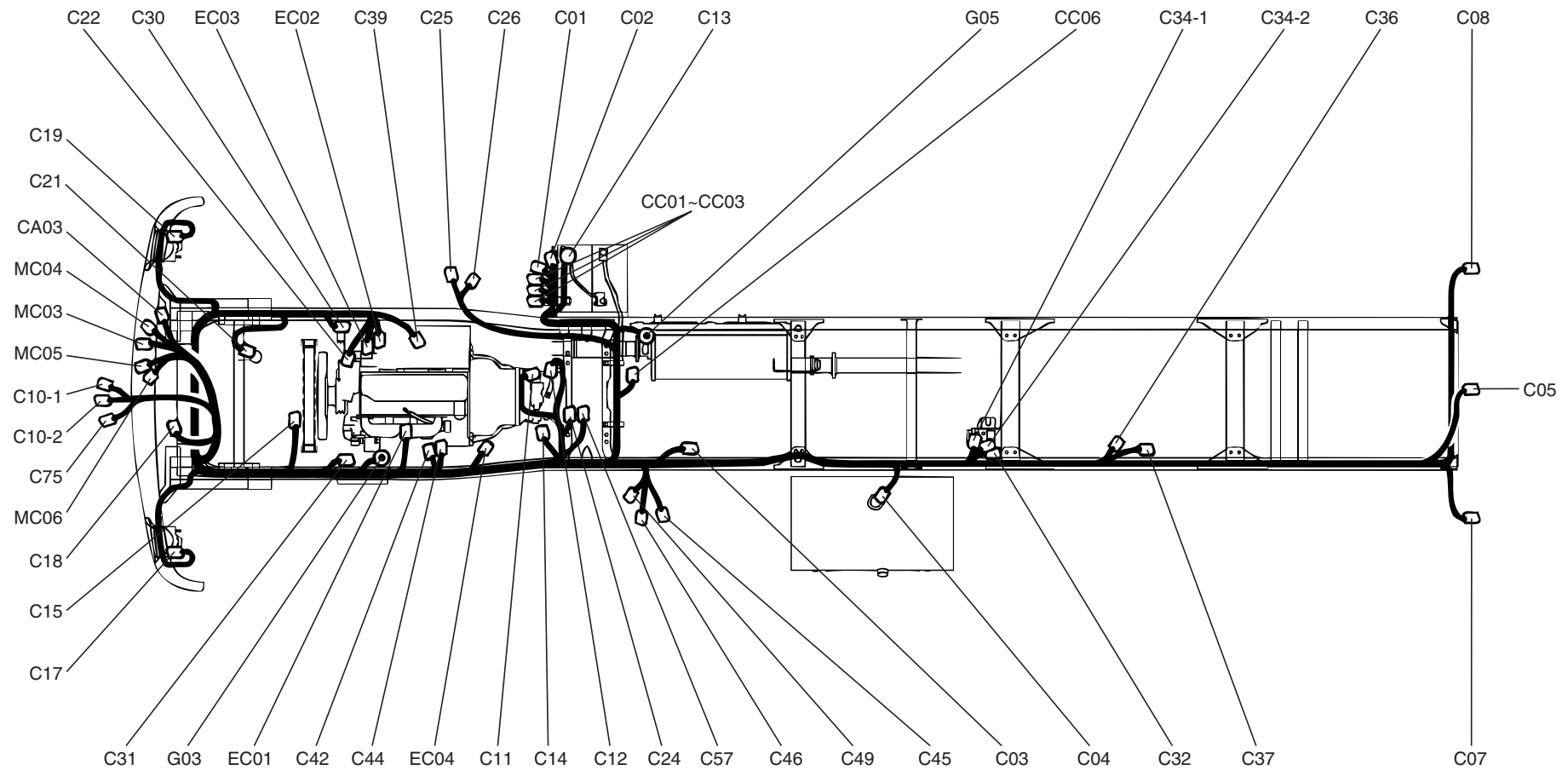
C70 Front outside marker lamp LH
 C72 Front outside marker lamp RH
 C73 Rear outside marker lamp LH
 C74 Rear outside marker lamp RH
 CC04 Connection With CHASSIS Harness
 CC05 Connection With CHASSIS Harness

CHASSIS HARNESS

CHASSIS HARNESS (3)

HL-5

D4DD



CHASSIS HARNESS

CHASSIS HARNESS (4)

HL-6

CHASSIS HARNESS(D4DD)

C01 Sub start switch
 C02 Working lamp
 C03 Dump warning switch
 C04 Fuel sender
 C05 License lamp
 C07 Rear combination lamp LH
 C08 Rear combination lamp RH
 C10-1 Engine ECM
 C10-2 Engine ECM
 C11 Neutral switch
 C12 Back-up lamp switch
 C13 Battery
 C14 PTO control switch
 C15 Condenser fan motor
 C17 Front fog lamp LH
 C18 Horn
 C19 Front fog lamp RH
 C21 A/C pressure switch
 C22 A/C compressor
 C24 PTO magnetic valve
 C25 Intake shutter valve(With double cab)
 C26 Exhaust magnetic valve(With double cab)
 C30 Front wheel sensor RH
 C31 Front wheel sensor LH
 C32 ABS hydraulic module
 C34-1 ABS relay box
 C34-2 ABS relay box
 C36 Rear wheel sensor RH
 C37 Rear wheel sensor LH
 C39 Generator
 C42 Air heater relay
 C44 Start solenoid
 C45 Water separator sensor
 C46 Fuel heater
 C49 Fuel heater thermo switch

C57 Vehicle speed sensor
 C75 Can tool
 CA03 Connection With A.B.S Harness
 CC01 Connection With Fusible Link Box
 CC02 Connection With Fusible Link Box
 CC03 Connection With Fusible Link Box
 CC06 Connection With EXH M/V Harness
 EC01 Connection With ENGINE LH Harness
 EC02 Connection With ENGINE RH Harness
 EC03 Connection With ENGINE Harness
 EC04 Connection With ENGINE PTO Harness
 MC03 Connection With MAIN Harness
 MC04 Connection With MAIN Harness
 MC05 Connection With MAIN Harness
 MC06 Connection With MAIN Harness
 G03 Ground
 G05 Ground
 Z03 Diode(With double cab)

EXH M/V HARNESS(W/O DOUBLE CAB)

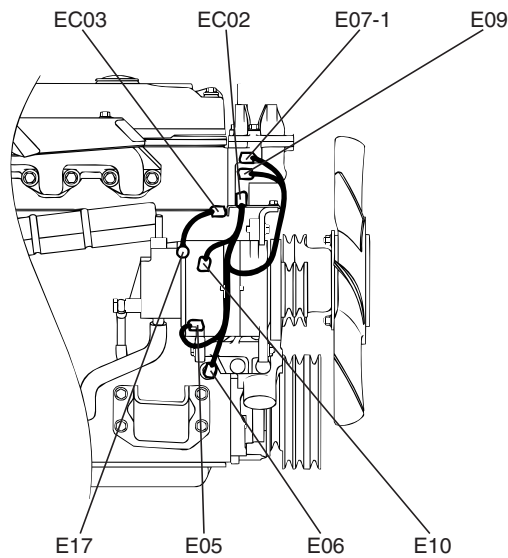
C25 Intake shutter valve
 C26 Exhaust magnetic valve
 CC06 Connection With CHASSIS Harness
 Z03 Diode

ENGINE HARNESS EBAF4FA7

ENGINE HARNESS (1)

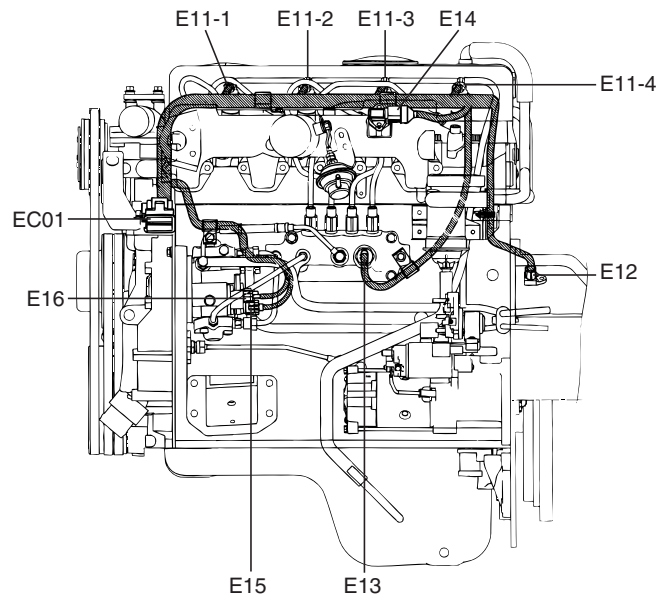
HL-7

D4AF/D4AL

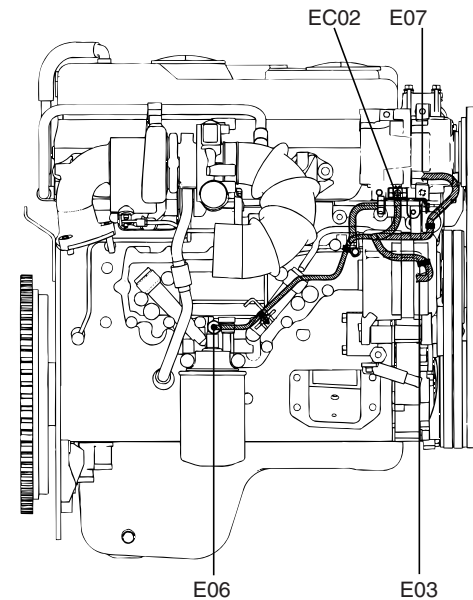


D4DD

ENG LH



ENG RH



ENGINE HARNESS

ENGINE HARNESS (2)

HL-8

ENGINE HARNESS

E17 Generator
EC03 Connection With CHASSIS Harness

ENGINE HARNESS LH(D4DD)

E11-1 Injector #1
E11-2 Injector #2
E11-3 Injector #3
E11-4 Injector #4
E12 N.E sensor
E13 Rail pressure sensor
E14 Boost pressure & air temperature sensor
E15 SCV
E16 Fuel temperature sensor
EC01 Connection With CHASSIS Harness

ENGINE HARNESS RH(D4DD)

E03 Cam speed sensor
E06 Oil pressure switch
E07 Engine coolant temperature sensor & sender
EC02 Connection With CHASSIS Harness

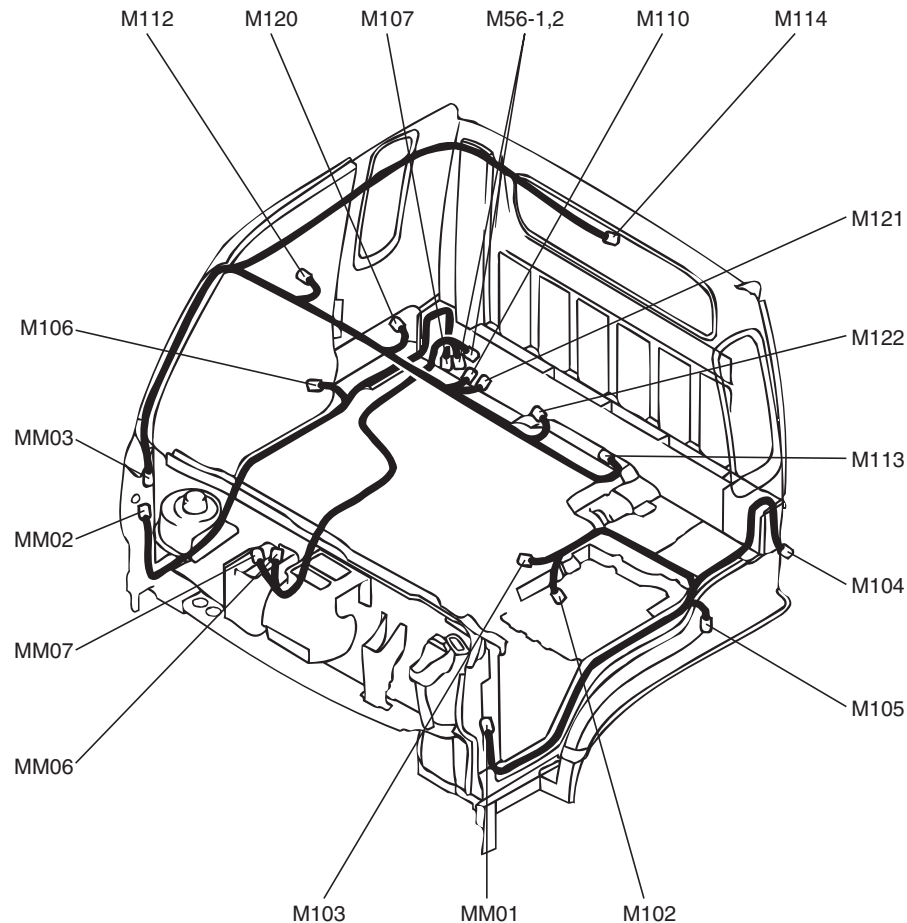
ENGINE HARNESS RH(D4AF/D4AL)

E05 Tachometer sensor
E06 Oil pressure switch
E07-1 Engine coolant temperature sensor
E09 Overheat unit
E10 Generator
EC02 Connection With CHASSIS Harness

FLOOR & ROOF HARNESS E3E1BBD4

FLOOR & ROOF HARNESS (1)

HL-9



FLOOR HARNESS LH

- M102 Seat belt switch
- M103 Parking brake switch(W/O double cab)
- M104 Cab tilting switch(W/O double cab)
- M105 Front door switch LH
- M118 Rear door switch LH(With double cab)
- MM01 Connection With MAIN Harness

FLOOR HARNESS RH

- M106 Front door switch RH
- M107 Washer motor
- M117 Rear door switch RH
- MM02 Connection With MAIN Harness

FLOOR CENTER HARNESS(D4DD)

- M56-1 ETACM
- M56-2 ETACM
- MM06 Connection With MAIN Harness
- MM07 Connection With MAIN Harness

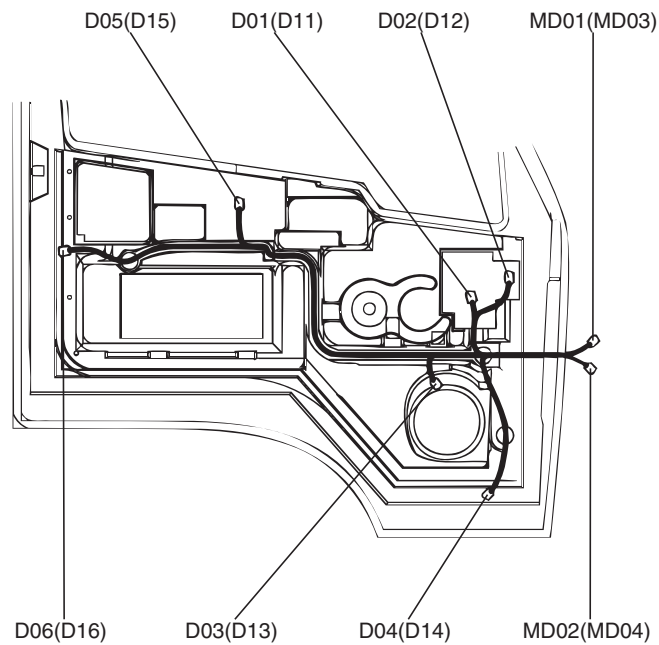
ROOF HARNESS

- M110 Front room lamp
- M112 Endout marker lamp 'A'(W/O double cab)
- M113 Endout marker lamp 'B'(W/O double cab)
- M114 Rear room lamp(With double cab)
- M120 Endout marker lamp 'C'(W/O double cab)
- M121 Endout marker lamp 'D'(W/O double cab)
- M122 Endout marker lamp 'E'(W/O double cab)
- MM03 Connection With MAIN Harness

DOOR HARNESS E80ED506

DOOR HARNESS (1)

HL-10



DOOR HARNESS LH

- D01 Power window motor LH
- D02 Outside mirror defogger LH
- D03 Speaker LH
- D04 Side repeater lamp LH
- D05 Power window main switch
- D06 Power door lock actuator LH
- MD01 Connection With MAIN Harness
- MD02 Connection With MAIN Harness

DOOR HARNESS RH

- D11 Power window motor RH
- D12 Outside mirror defogger RH
- D13 Speaker RH
- D14 Side repeater lamp RH
- D15 Power window sub switch
- D16 Power door lock actuator RH
- MD03 Connection With MAIN Harness
- MD04 Connection With MAIN Harness

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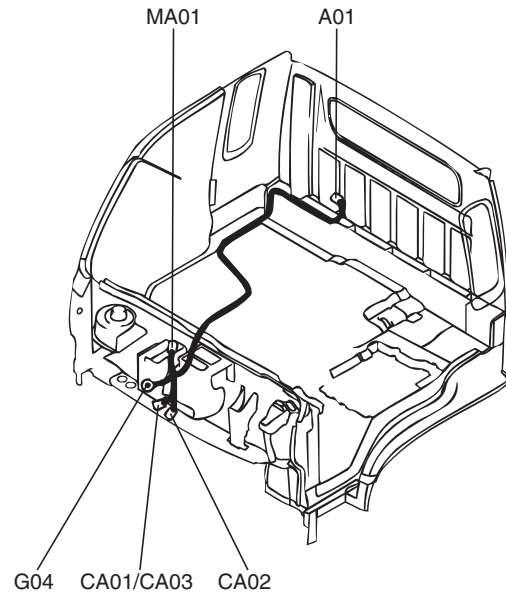
A.B.S & AIR CON HARNESS

E5D56119

A.B.S & AIR CON HARNESS (1)

HL-11

A.B.S



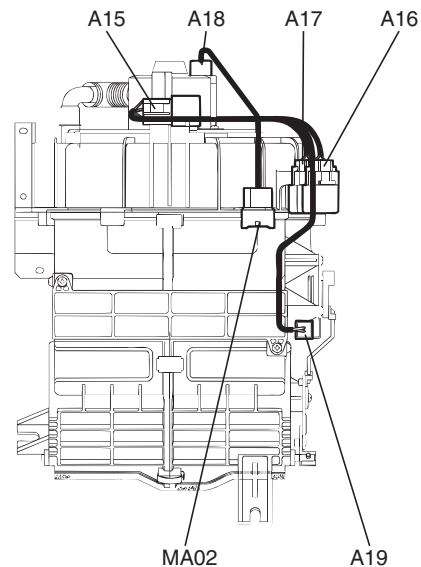
A.B.S HARNESS(D4AF/D4AL)

- A01 ABS control module
- CA01 Connection With CHASSIS Harness
- CA02 Connection With CHASSIS Harness
- MA01 Connection With MAIN Harness
- G04 Ground

A.B.S HARNESS(D4DD)

- A01 ABS control module
- CA03 Connection With CHASSIS Harness
- MA01 Connection With MAIN Harness
- G04 Ground

AIR CON



AIR CON HARNESS

- A15 Blower relay
- A16 Condenser fan relay
- A17 A/C relay
- A18 Blower motor
- A19 Intake actuator
- MA02 Connection With MAIN Harness