

FOREWORD

This workshop manual has been prepared to provide information on electrical circuits for the following Hino Vehicles.

Applicable for FC6J, FC9J, FD8J, GD8J, FG8J, GH8J, FL8J, FM8J, FM1A, FM2P, FT8J, GT8J, SG8J series,
equipped with J05D-TI, J05E-TI, J08E-TI, A09C, P11C engine

As for maintenance items, refer to the Owner's Manual.

All information and specifications in this manual are based upon the latest product information available at the time of printing.

Hino Motors reserves the right to make changes at any time without prior notice.

Please note that the publications below have also been prepared as relevant service manuals for the components and systems in this vehicles.

Manual Name	Pub. No.
Chassis Workshop Manual	S1-YFCE18K 1/3 S1-YFCE18K 2/3 S1-YFCE18K 3/3
J05D-TI, J05E-TI Engine Workshop Manual	S5-YJ05E12D
J08E-TI Engine Workshop Manual	S5-YJ08E29E
A09C Engine Workshop Manual	S5-MA09E02A
P11C-TI Engine Workshop Manual	S5-YP11E07B

Hino Motors,Ltd.

WORKSHOP MANUAL

Hino Motors, Ltd.

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ELECTRIC WIRE

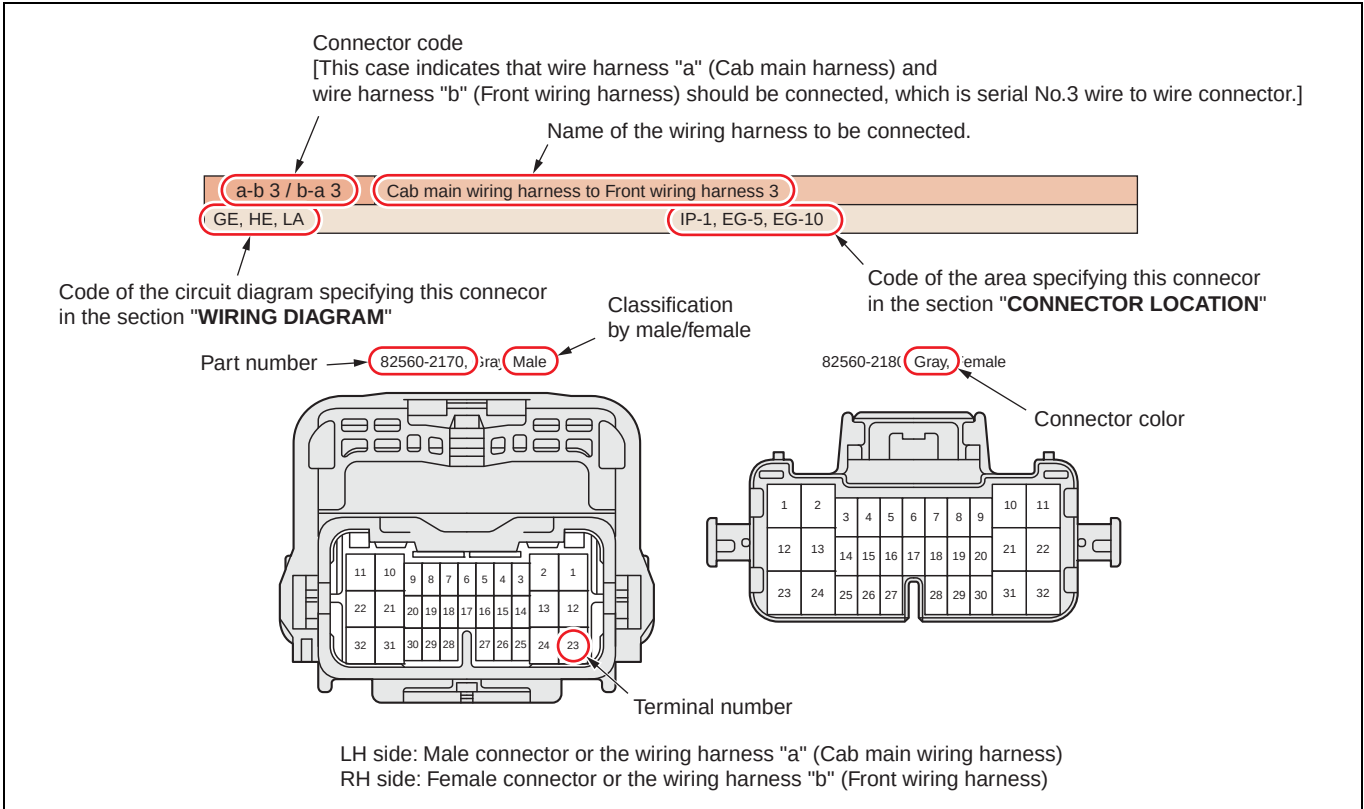
EL02-001



DIAGRAM..... EL02-2

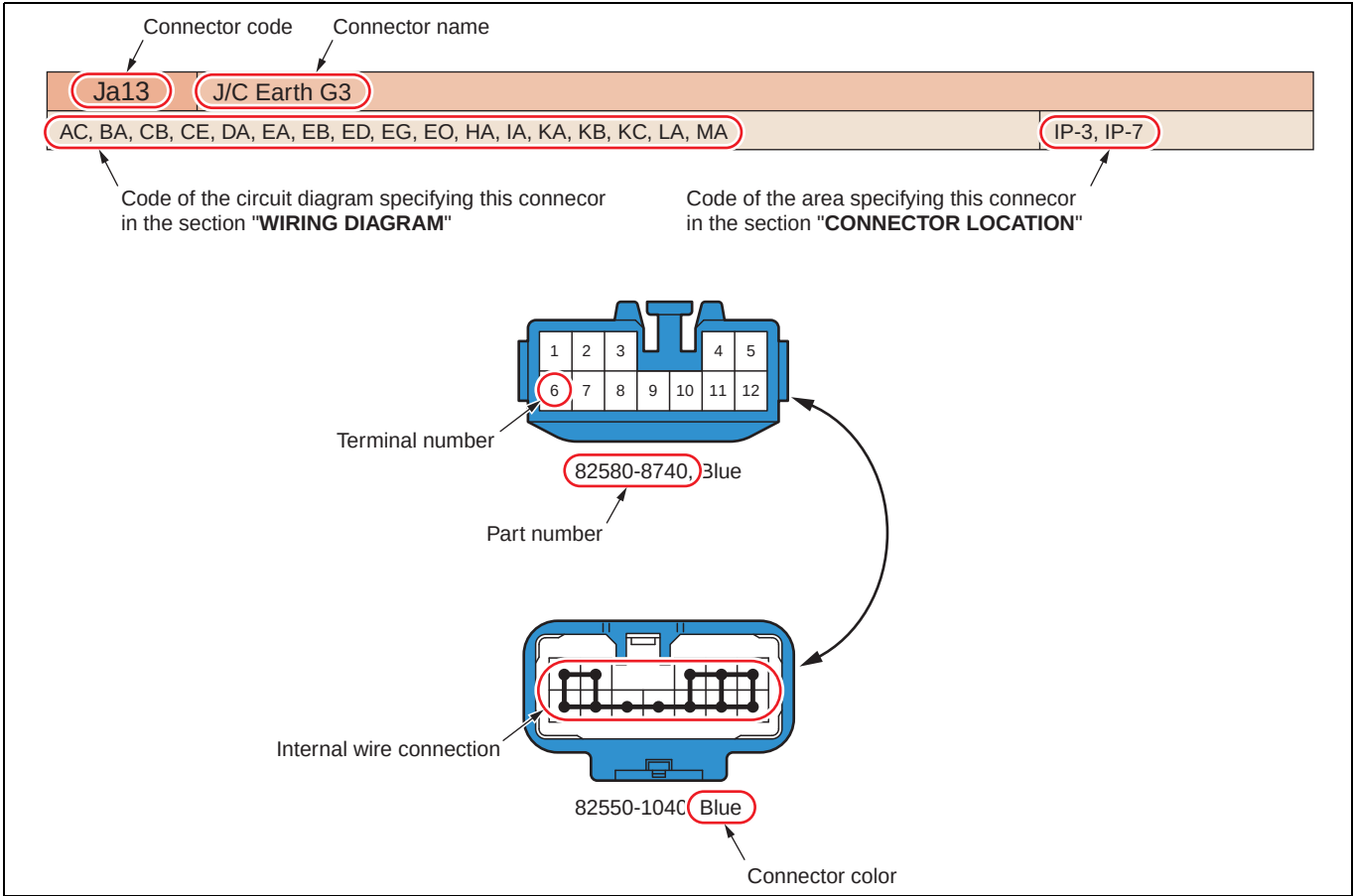
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- CONTENTS AND QUICK REFERENCE EL02-7
- WIRING DIAGRAM.....EL02-14
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2. WIRE TO WIRE CONNECTOR



SHTS12Z160200002

3. JUNCTION CONNECTOR



SHTS12Z160200003

4. CONNECTOR LOCATION

(EXAMPLE)

Code of the area

ELECTRIC WIRE

EL02-205

EG-26

ENGINE (3 of 3)] (Model: FM8J for Chile)

Connector code

Code of the wire to wire connector

SHTS12Z160200166

ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

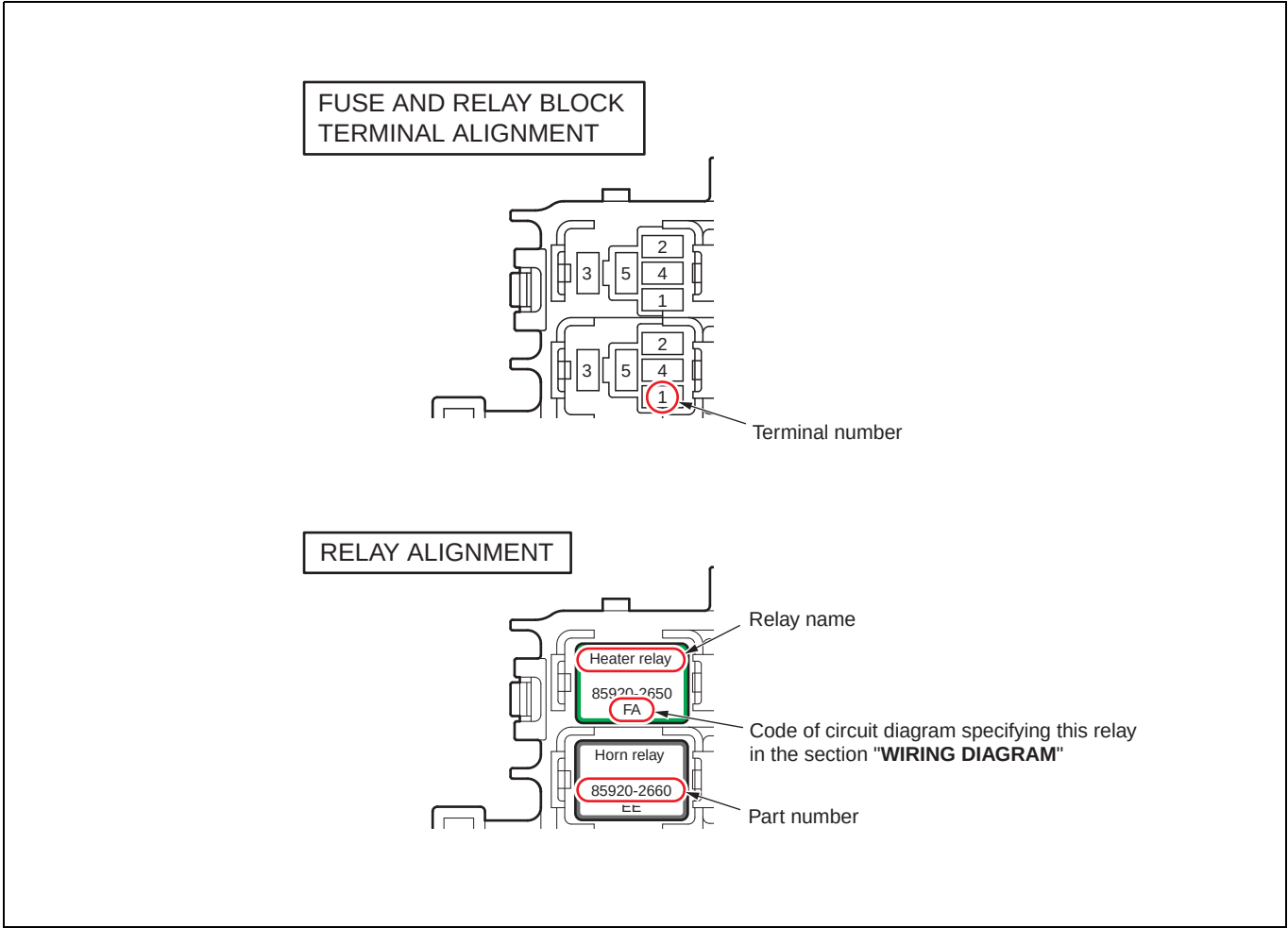
No.	Name	Circuit	No.	Name	Circuit
b10	Low pressure switch 1	BB	ba1	Battery (+) terminal (Battery 2)	AA
b11	Low pressure switch 2	BB	bb1	Battery (+) terminal (Battery 1)	AA
b12	Low pressure switch 3	BB	bb2	Battery (-) terminal (Battery 2)	AA
b13	Air gauge sensor (Front)	BB	bc1	Battery (-) terminal (Battery 1)	AA
b14	Air gauge sensor (Rear)	BB	bc2	Battery ground	AA, BA, MA
b24	Exhaust brake magnetic valve	GE	sk2	P.T.O. magnetic valve	KB
b45	Dump up switch	KB	sl1	P.T.O. accelerator sensor	GK
b46	Service power (Tail)	AB			

WIRE TO WIRE CONNECTOR

No.	Name	No.	Name
b-c 2	Front wiring harness to Intermediate wiring harness 2	ba-bc	Battery cable-1 to Battery cable-3
b-ba	Front wiring harness to Battery cable-1_1		

SHTS12Z160200004

5. FUSE AND RELAY BLOCK



6. CONNECTOR INDEX

(EXAMPLE)

EL02-192ELECTRIC WIRE

CONNECTOR INDEX

Code of the circuit diagram specifying this connector in the section "WIRING DIAGRAM"

ELECTRICAL EQUIPMENT CONNECTOR

NAME		CONNECTOR No.	PART No.	CIRCUIT OR AREA
A	ABS diagnosis switch	a100	82560-4100	HB
				IP-4, 8

WIRE TO WIRE CONNECTOR

CONNECTOR No.	NAME	PART No.		CIRCUIT OR AREA
		MALE	FEMALE	
a-b 1	Cab main wiring harness to Front wiring harness 1	82560-2110	82560-2120	AA, AB, AD, AG, BA, BG, BH, CA, CB, CE, CH, CI, GA, GB, GC, GE, HA, HB, HC, HE, IA, LA, LE, MA
				IP-1, 5, EG-1, 2, 3, 5, 6, 10, 11, 16, 17

JUNCTION CONNECTOR

CONNECTOR No.	NAME	PART No.	CIRCUIT OR AREA
a606	J/C ETC 14P	82560-3790 25880-1170	FA, IE
			IP-2

Code of the area specifying this connector in the section "CONNECTOR LOCATION"

CONTENTS AND QUICK REFERENCE

EN12Z1602J100002

WIRING DIAGRAM

CODE		CIRCUIT NAME	PAGE
A	A	POWER SUPPLY CIRCUIT	EL02-16
	B	ETC. SPARE POWER SUPPLY CIRCUIT	EL02-18
	C	12V SPARE POWER SUPPLY CIRCUIT	EL02-19
	D	ENGINE STARTING CIRCUIT (MODELS WITH MANUAL TRANSMISSION)	EL02-20
	E	ENGINE STARTING CIRCUIT (MODELS WITH AUTOMATIC TRANSMISSION)	EL02-22
	H	CHARGING CIRCUIT	EL02-23
B	A	METER CIRCUIT [EXCEPT MODELS FOR INDONESIA, PHILIPPINES, VIETNAM (1 of 3)]	EL02-24
	B	METER CIRCUIT [EXCEPT MODELS FOR INDONESIA, PHILIPPINES, VIETNAM (2 of 3)]	EL02-28
	C	METER CIRCUIT [EXCEPT MODELS FOR INDONESIA, PHILIPPINES, VIETNAM (3 of 3)]	EL02-34
	D	METER CIRCUIT [MODELS FOR INDONESIA, PHILIPPINES, VIETNAM (1 of 2)]	EL02-36
	E	METER CIRCUIT [MODELS FOR INDONESIA, PHILIPPINES, VIETNAM (2 of 2)]	EL02-38
	F	HOUR METER CIRCUIT	EL02-40
	G	TACHOGRAPH CIRCUIT	EL02-42
	H	KIENZLE TACHOGRAPH CIRCUIT	EL02-43
	I	DRIVE MASTER CIRCUIT	EL02-44
C	A	HEADLIGHT CIRCUIT	EL02-46
	B	TURN, STOP AND TAIL LIGHT CIRCUIT [EXCEPT MODELS FOR AUSTRALIA AND IRELAND(1 of 2)]	EL02-48
	C	TURN, STOP AND TAIL LIGHT CIRCUIT [MODELS FOR IRELAND]	EL02-52
	D	TURN, STOP AND TAIL LIGHT CIRCUIT [EXCEPT MODELS FOR AUSTRALIA AND IRELAND (2 of 2)]	EL02-56
	E	HEADLIGHT BEAM CONTROL CIRCUIT	EL02-58
	F	BACKUP LIGHT CIRCUIT [MODELS WITH MANUAL TRANSMISSION (1 of 2)]	EL02-60
	G	BACKUP LIGHT CIRCUIT [MODELS WITH AUTOMATIC TRANSMISSION (1 of 2)]	EL02-61
	H	BACKUP LIGHT CIRCUIT (2 of 2)	EL02-62
	I	FOG LIGHT CIRCUIT	EL02-64
	J	HEADLIGHT AUTOLEVELING CIRCUIT	EL02-66
	K	WORKING LIGHT CIRCUIT	EL02-68
D	A	ROOM LIGHT CIRCUIT	EL02-70
E	A	POWER DOOR LOCK CIRCUIT (MODELS FOR RIGHT-HAND DRIVE)	EL02-72
	B	POWER DOOR LOCK CIRCUIT (MODELS FOR LEFT-HAND DRIVE)	EL02-73
	C	WINDSHIELD WIPER AND WASHER CIRCUIT	EL02-74
	D	POWER MIRROR CIRCUIT	EL02-75
	E	HORN CIRCUIT	EL02-76
	F	CIGARETTE LIGHTER CIRCUIT	EL02-76
	G	SEAT BELT WARNING CIRCUIT	EL02-77
	H	POWER WINDOW CIRCUIT (MODELS FOR RIGHT-HAND DRIVE)	EL02-78
	I	POWER WINDOW CIRCUIT (MODELS FOR LEFT-HAND DRIVE)	EL02-80
	J	RADIO/AUDIO CIRCUIT	EL02-82

CODE		CIRCUIT NAME	PAGE
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	L	KEYLESS ENTRY CIRCUIT	EL02-84
	M	INTEGRATED UNIT CIRCUIT (1 of 2)	EL02-86
	N	INTEGRATED UNIT CIRCUIT (2 of 2)	EL02-90
	O	HEADLIGHT WASHER CIRCUIT	EL02-92
	R	AIR BAG CIRCUIT	EL02-94
F	A	AIR CONDITIONER CIRCUIT	EL02-96
G	A	[J SERIES ENGINE] COMMON RAIL CIRCUIT No.1 (MODELS FOR CHILE AND THAILAND)	EL02-98
	B	[J SERIES ENGINE] COMMON RAIL CIRCUIT No.1 (MODELS FOR THAILAND)	EL02-102
	C	[J SERIES ENGINE] COMMON RAIL CIRCUIT No.1 (MODELS FOR IRELAND, HONG KONG AND SINGAPORE)	EL02-106
	D	[J SERIES ENGINE] COMMON RAIL CIRCUIT No.1 (MODELS FOR AUSTRALIA, NEW ZEALAND, TAIWAN, MEXICO AND INDIA)	EL02-110
	E	TICS CIRCUIT	EL02-114
	F	COMMON RAIL CIRCUIT No.2 [EXHAUST BRAKE (MODELS WITH MANUAL TRANSMISSION)]	EL02-116
	G	EXHAUST BRAKE CIRCUIT (MODELS FOR INDONESIA)	EL02-118
	H	[J SERIES ENGINE] COMMON RAIL CIRCUIT No.2 [EXHAUST BRAKE (MODELS WITH AUTOMATIC TRANSMISSION)]	EL02-120
	I	[P11C ENGINE] COMMON RAIL CIRCUIT No.2 (MODELS FOR THAILAND)	EL02-122
	J	ENGINE STOP CIRCUIT	EL02-124
	K	[J SERIES ENGINE] COMMON RAIL CIRCUIT No.3 (FS CRUISE)	EL02-126
	L	[J SERIES ENGINE AND P11C] COMMON RAIL CIRCUIT No.4 (P.T.O.)	EL02-128
	M	[A09C] COMMON RAIL CIRCUIT No.1	EL02-130
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	O	[A09C] COMMON RAIL CIRCUIT No.3 (EGR, VNT DRIVE CIRCUIT)	EL02-136
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CODE		CIRCUIT NAME	PAGE
K	B	TRANSMISSION P.T.O. CONTROL CIRCUIT [MODELS WITH EATON TRANSMISSION (EXCEPT TAIWAN)]	EL02-166
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	C	CAN (CONTROLLER AREA NETWORK) CIRCUIT	EL02-172
	D	TRANSFER CONTROL CIRCUIT	EL02-174
	E	TRAILER CONNECTOR CIRCUIT	EL02-176
	F	AIR DRYER HEATER CIRCUIT	EL02-178
	G	VCS (VEHICLE CONTROL SYSTEM) ECU CIRCUIT No.1	EL02-180
	H	VCS (VEHICLE CONTROL SYSTEM) ECU CIRCUIT No.2	EL02-182
	I	VCS (VEHICLE CONTROL SYSTEM) ECU CIRCUIT No.3	EL02-184
	J	VCS (VEHICLE CONTROL SYSTEM) ECU CIRCUIT No.4	EL02-186
M	A	GROUND CIRCUIT	EL02-188

CONNECTOR LOCATION• **CONTENTS**

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IP-6	INSTRUMENT PANEL	2 of 4	Models: Left-hand drive	EL02-226
IP-7	INSTRUMENT PANEL	3 of 4	Models: Left-hand drive	EL02-228
IP-8	INSTRUMENT PANEL	4 of 4	Models: Left-hand drive	EL02-230
CA-1	CAB	—	Models: Right-hand drive (Single cab)	EL02-232
CA-2	CAB	—	Models: Left-hand drive	EL02-234
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EG-2	ENGINE	1 of 3	Models: FC for Chile, Colombia, Ecuador, Philippines, Taiwan, Vietnam, Mexico	EL02-240
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EG-19	ENGINE	1 of 3	Models: FG, FT, GT double cab	EL02-274
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EG-22	ENGINE	3 of 3	Models: FT, GT double cab	EL02-280
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EG-24	ENGINE	1 of 3	Models: FL, FM8J for Indonesia	EL02-284
EG-25	ENGINE	1 of 3	Models: FL, FM for Chile, Vietnam	EL02-286
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EG-27	ENGINE	1 of 3	Model: FM2P for Thailand	EL02-290
EG-28	ENGINE	1 of 3	Model: FM2P for Vietnam	EL02-292

CODE	AREA		SPECIFICATION	PAGE
EG-29	ENGINE	2 of 3	Models: FM for Australia, New Zealand	EL02-294
EG-30	ENGINE	2 of 3	Models: FL for Australia, Vietnam, FM8J for Chile, Indonesia, Thailand, India (Except tractor)	EL02-296
EG-31	ENGINE	2 of 3	Models: FM8J tractor	EL02-298
EG-32	ENGINE	2 of 3	Models: FM2P for Thailand, Vietnam (Except tractor)	EL02-300
EG-33	ENGINE	2 of 3	Models: FM2P (Tractor)	EL02-302
EG-34	ENGINE	3 of 3	Models: FL, FM8J, FM2P	EL02-304
EG-35	ENGINE	1 of 3	Model: FM1A	EL02-306
EG-36	ENGINE	2 of 3	Model: FM1A (Except tractor)	EL02-308
EG-37	ENGINE	2 of 3	Model: FM1A (Tractor)	EL02-310
EG-38	ENGINE	3 of 3	Model: FM1A	EL02-312
EG-39	ENGINE	1 of 3	Model: FM1A for Australia, New Zealand	EL02-314
EG-40	ENGINE	2 of 3	Model: FM1A for Australia, New Zealand	EL02-316
EG-41	ENGINE	3 of 3	Model: FM1A for Australia, New Zealand	EL02-318
EG-42	ENGINE	1 of 3	Models: FT, GT single cab	EL02-320
EG-43	ENGINE	2 of 3	Models: FT, GT single cab	EL02-322
EG-44	ENGINE	3 of 3	Models: FT, GT single cab	EL02-324
EG-45	ENGINE	1 of 3	Model: SG	EL02-326
EG-46	ENGINE	2 of 3	Model: SG	EL02-328
EG-47	ENGINE	3 of 3	Model: SG	EL02-329
RR-1	REAR	—	Models: FC, FD, GD, FG, GH	EL02-330
RR-2	REAR	—	Models: FL, FM (Except tractor)	EL02-332
RR-3	REAR	—	Model: FM tractor	EL02-334
RR-4	REAR	—	Model: SG	EL02-335

• QUICK REFERENCE

STEERING POSITION	DESTINATION	MODEL	SPECIFICATION	INSTRUMENT PANEL	CAB	ENGINE	REAR
Right	Australia	FC	—	IP-1, 2, 3, 4	CA-1	EG-1, 3, 4	RR-1
		FD, GD	Single cab	IP-1, 2, 3, 4	CA-1	EG-5, 7, 8	RR-1
			Double cab	IP-1, 2, 3, 4	CA-3	EG-9, 10, 11	RR-1
		FG, GH	Single cab (Manual transmission)	IP-1, 2, 3, 4	CA-1	EG-12, 15, 18	RR-1
			Double cab (Manual transmission)	IP-1, 2, 3, 4	CA-3	EG-19, 20, 21	RR-1
			Automatic transmission	IP-1, 2, 3, 4	CA-1	EG-12, 16, 18	RR-1
		FL	—	IP-1, 2, 3, 4	CA-1	EG-23, 29, 31	RR-2
		FM	—	IP-1, 2, 3, 4	CA-1	EG-23, 27, 31	RR-2
		FM1A	—	IP-1, 2, 3, 4	CA-1	EG-39, 40, 41	RR-2
		FT, GT	Single cab	IP-1, 2, 3, 4	CA-1	EG-36, 37, 38	RR-1
			Double cab	IP-1, 2, 3, 4	CA-3	EG-19, 20, 22	RR-1
	Hong Kong	FD	—	IP-1, 2, 3, 4	CA-1	EG-5, 7, 8	RR-1
		FG, GH	—	IP-1, 2, 3, 4	CA-1	EG-12, 15, 18	RR-1
	Indonesia	FG	—	IP-1, 2, 3, 4	CA-1	EG-13, 15, 17	RR-1
		FL, FM8J	—	IP-1, 2, 3, 4	CA-1	EG-24, 29, 31	RR-2
		FM2P	—	IP-1, 2, 3, 4	CA-1	EG-26, 33, 34	RR-3
		SG	—	IP-1, 2, 3, 4	CA-1	EG-39, 40, 41	RR-4
	Ireland	GH	—	IP-1, 2, 3, 4	CA-1	EG-12, 15, 18	RR-3
	New Zealand	FC	—	IP-1, 2, 3, 4	CA-1	EG-1, 3, 4	RR-1
		FD, GD	Single cab	IP-1, 2, 3, 4	CA-1	EG-5, 7, 8	RR-1
			Double cab	IP-1, 2, 3, 4	CA-3	EG-9, 10, 11	RR-1
		FG, GH	Single cab (Manual transmission)	IP-1, 2, 3, 4	CA-1	EG-12, 15, 18	RR-1
			Double cab (Manual transmission)	IP-1, 2, 3, 4	CA-3	EG-19, 20, 21	RR-1
			Automatic transmission	IP-1, 2, 3, 4	CA-1	EG-12, 16, 18	RR-1
		FM	—	IP-1, 2, 3, 4	CA-1	EG-23, 27, 31	RR-2
		FM1A	—	IP-1, 2, 3, 4	CA-1	EG-39, 40, 41	RR-2
		GT	Single cab	IP-1, 2, 3, 4	CA-1	EG-36, 37, 38	RR-1
			Double cab	IP-1, 2, 3, 4	CA-3	EG-19, 20, 22	RR-1
	Singapore	FD	—	IP-1, 2, 3, 4	CA-1	EG-5, 7, 8	RR-1
		GH	—	IP-1, 2, 3, 4	CA-1	EG-12, 15, 18	RR-1
	Thailand	FC	—	IP-1, 2, 3, 4	CA-1	EG-1, 3, 4	RR-1
		FG	—	IP-1, 2, 3, 4	CA-1	EG-12, 15, 17	RR-1
		FL, FM8J	Except tractor	IP-1, 2, 3, 4	CA-1	EG-23, 29, 31	RR-2
			Tractor	IP-1, 2, 3, 4	CA-1	EG-23, 30, 31	RR-3
		FM1A	Except tractor	IP-1, 2, 3, 4	CA-1	EG-32, 33, 35	RR-2
			Tractor	IP-1, 2, 3, 4	CA-1	EG-32, 34, 35	RR-3
		FM2P	Except tractor	IP-1, 2, 3, 4	CA-1	EG-27, 32, 34	RR-2
			Tractor	IP-1, 2, 3, 4	CA-1	EG-27, 33, 34	RR-3
	India	FL, FM	—	IP-1, 2, 3, 4	CA-1	EG-23, 30, 34	RR-2
Left	Chile	FC	—	IP-5, 6, 7, 8	CA-2	EG-2, 3, 4	RR-1
		GD	—	IP-5, 6, 7, 8	CA-2	EG-6, 7, 8	RR-1
		GH	—	IP-5, 6, 7, 8	CA-2	EG-14, 15, 18	RR-1
		FM	—	IP-5, 6, 7, 8	CA-2	EG-25, 29, 31	RR-2

STEERING POSITION	DESTINATION	MODEL	SPECIFICATION	INSTRUMENT PANEL	CAB	ENGINE	REAR
Left	Colombia	FC	—	IP-5, 6, 7, 8	CA-2	EG-2, 3, 4	RR-1
		GD	—	IP-5, 6, 7, 8	CA-2	EG-6, 7, 8	RR-1
		FG	—	IP-5, 6, 7, 8	CA-2	EG-14, 15, 18	RR-1
	Ecuador	FC	—	IP-5, 6, 7, 8	CA-2	EG-2, 3, 4	RR-1
		GD	—	IP-5, 6, 7, 8	CA-2	EG-6, 7, 8	RR-1
		GH	—	IP-5, 6, 7, 8	CA-2	EG-14, 15, 18	RR-1
	Mexico	FC	—	IP-5, 6, 7, 8	CA-2	EG-2, 3, 4	RR-1
		FG, GH	—	IP-5, 6, 7, 8	CA-2	EG-14, 15, 18	RR-1
	Philippines	FC	—	IP-5, 6, 7, 8	CA-2	EG-2, 3, 4	RR-1
		FG	—	IP-5, 6, 7, 8	CA-2	EG-14, 15, 17	RR-1
	Taiwan	FC	—	IP-5, 6, 7, 8	CA-2	EG-2, 3, 4	RR-1
		FD	—	IP-5, 6, 7, 8	CA-2	EG-6, 7, 8	RR-1
		FG, GH	—	IP-5, 6, 7, 8	CA-2	EG-14, 15, 18	RR-1
	Vietnam	FC	—	IP-5, 6, 7, 8	CA-2	EG-2, 3, 4	RR-1
		FG	—	IP-5, 6, 7, 8	CA-2	EG-14, 15, 17	RR-1
		FL	—	IP-5, 6, 7, 8	CA-2	EG-25, 30, 34	RR-2
		FM2P	—	IP-5, 6, 7, 8	CA-2	EG-28, 32, 34	RR-2

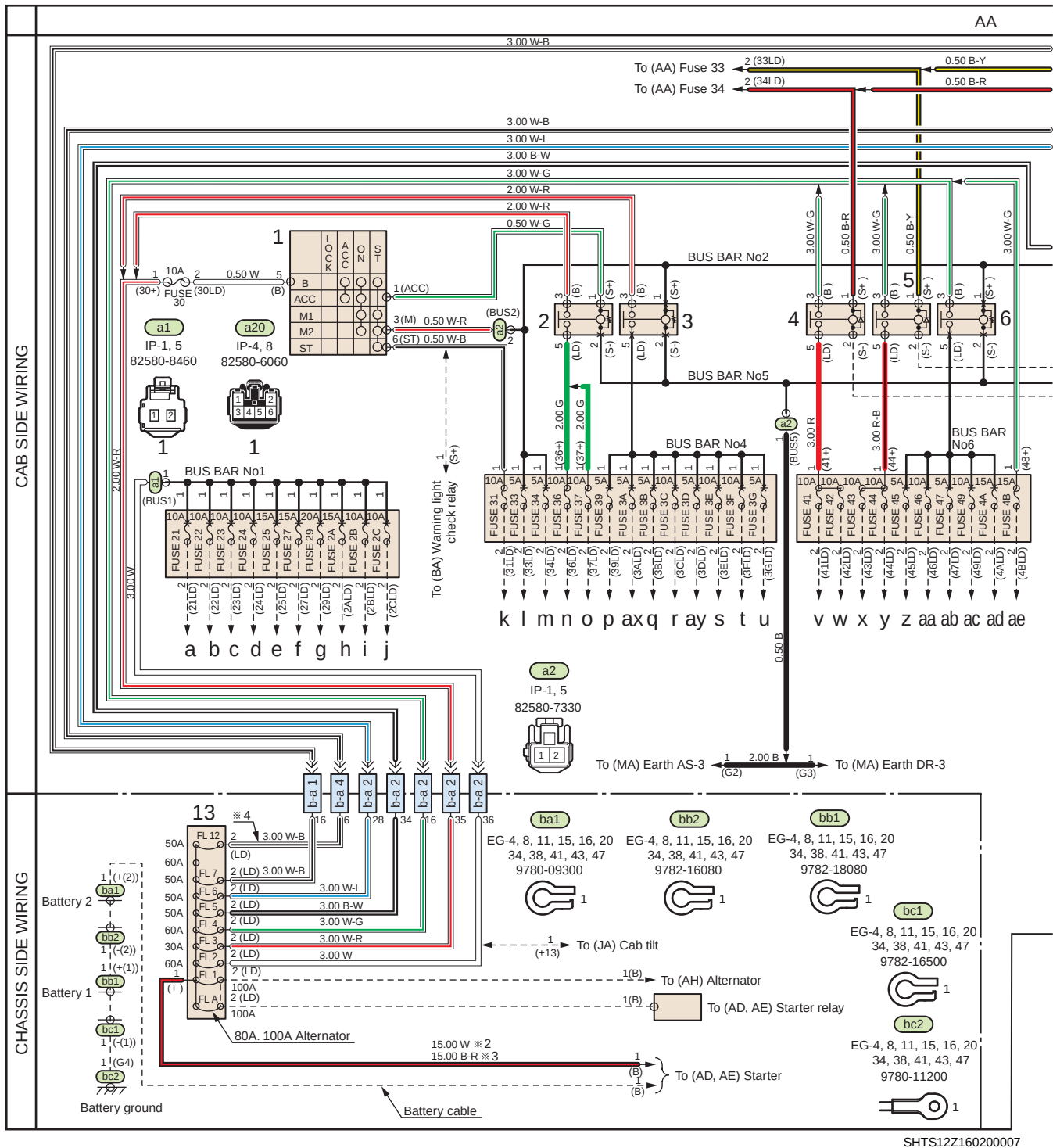
WIRING DIAGRAM

EN12Z1602J100003

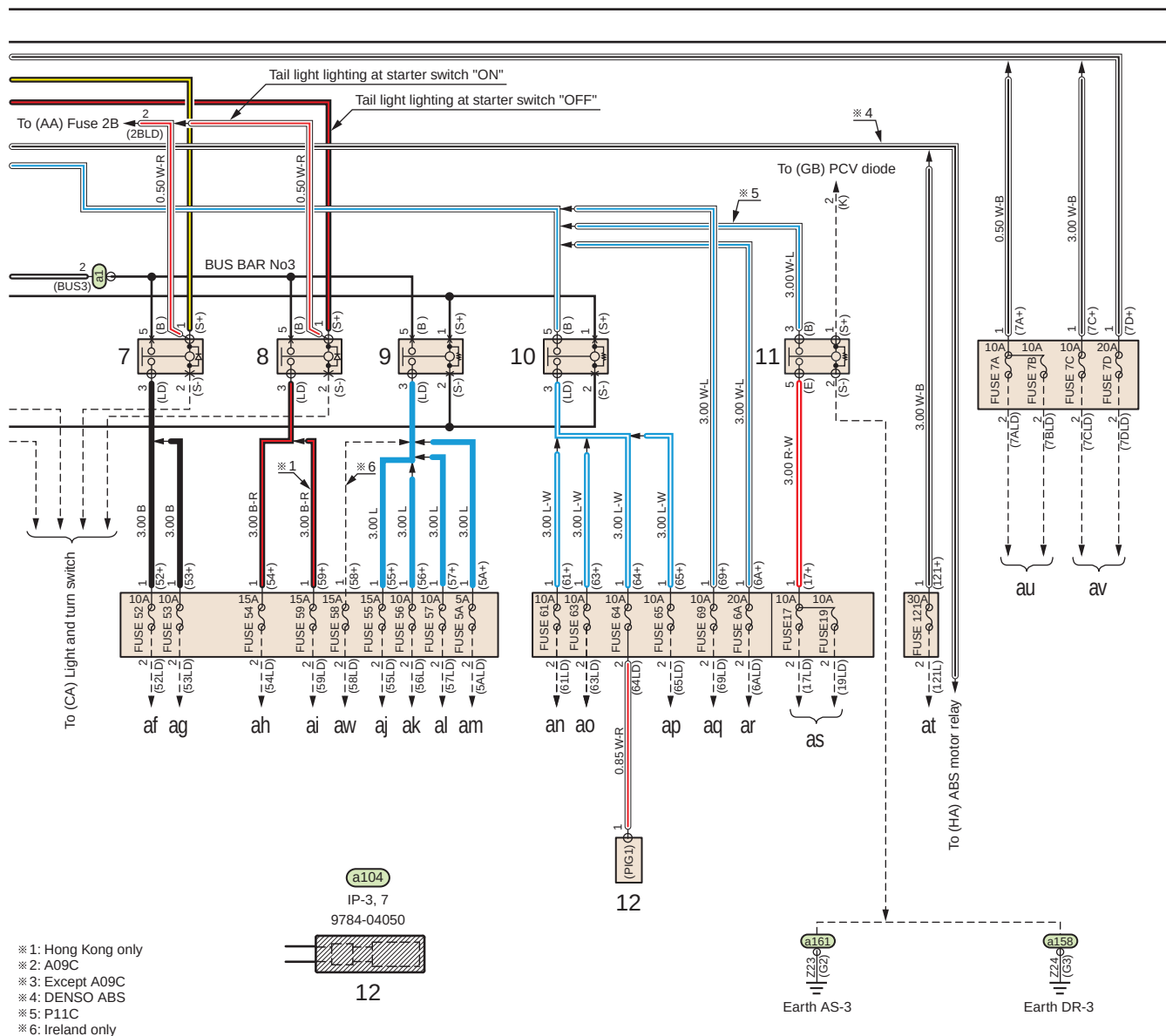
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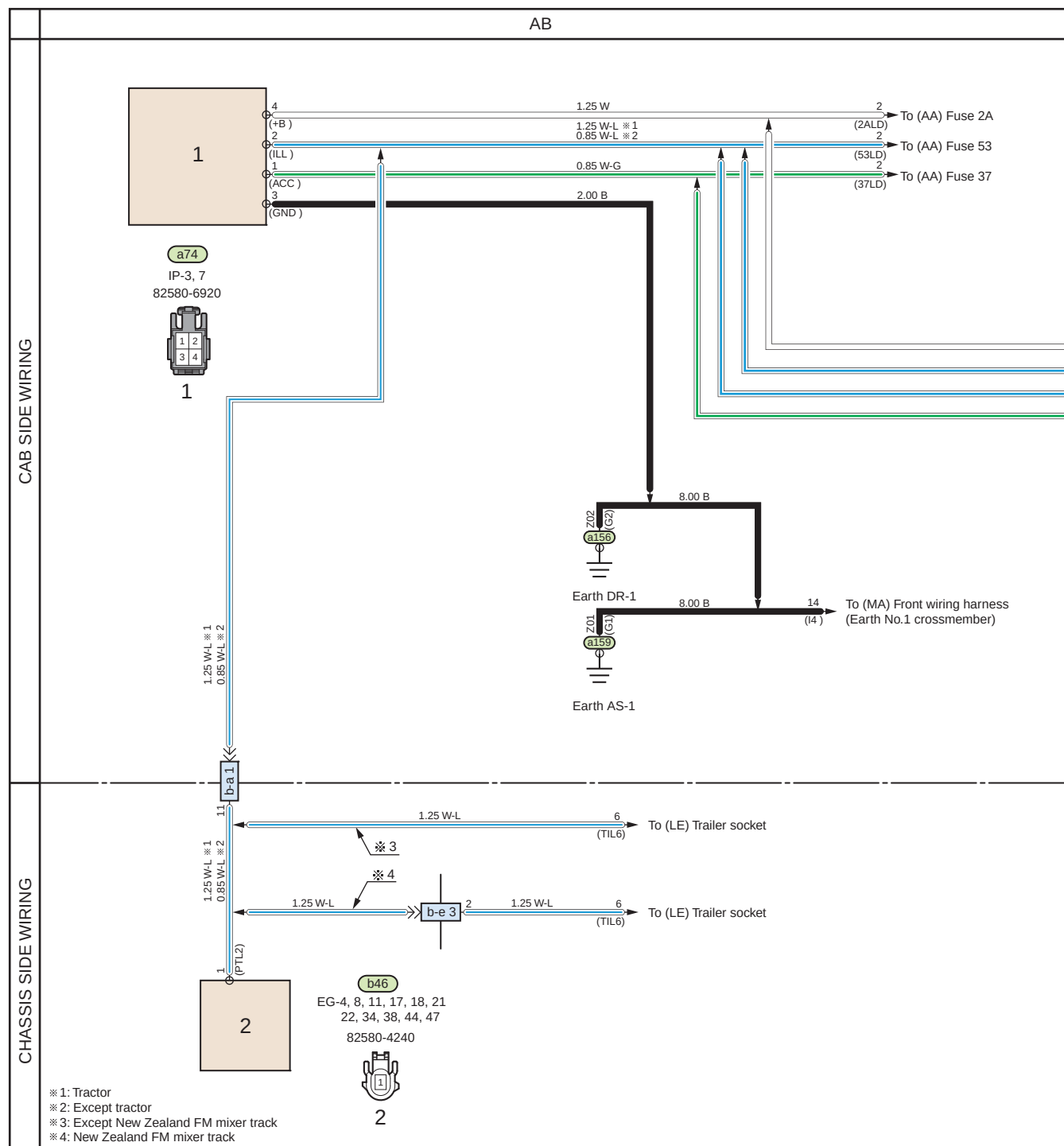
There is a case that the circuit diagrams in this section are different from that for your vehicle due to the model or specification.

WIRING HARNESS CODE	
CODE	NAME
a	Cab main wiring harness
b	Front wiring harness
c	Intermediate wiring harness
d	Rear wiring harness
e	Intermediate+rear wiring harness
f	Door (RH) wiring harness
g	Door (LH) wiring harness
h	Roof wiring harness
i	Floor wiring harness
j	Rear door (RH) wiring harness
k	Rear door (LH) wiring harness
ba	Battery cable 1 (Starter to Battery)
bb	Battery cable 2 (Battery to Battery)
bc	Battery cable 3 (Battery to Ground)
ea	Engine wiring harness 1 (J05D, J05E, J08E)
eb	Engine wiring harness 2
ec	Engine wiring harness 3
ed	Engine wiring harness 1 (A09C)
ee	Engine wiring harness (P11C)
ia	Injector sub wiring harness (J05D, J05E, J08E)
ib	Injector sub wiring harness (A09C)
ic	Injector sub wiring harness (P11C)
id	Link-up connector
sa	Air tank sub wiring harness
sb	Automatic transmission sub wiring harness
sc	Brake lock sub wiring harness
sd	Brake lock (Buzzer) sub wiring harness
se	Brake lock (Pressure switch) sub wiring harness
sf	Floor panel sub wiring harness
sg	Fuel tank sub wiring harness
sh	Headlight sub wiring harness
si	Side turn signal light sub wiring harness
sj	Pre-heating sub wiring harness
sk	Transmission P.T.O. sub wiring harness
sl	Working accelerator control sub wiring harness
sm	Air flow sensor sub wiring harness



SHTS12Z160200007

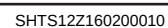




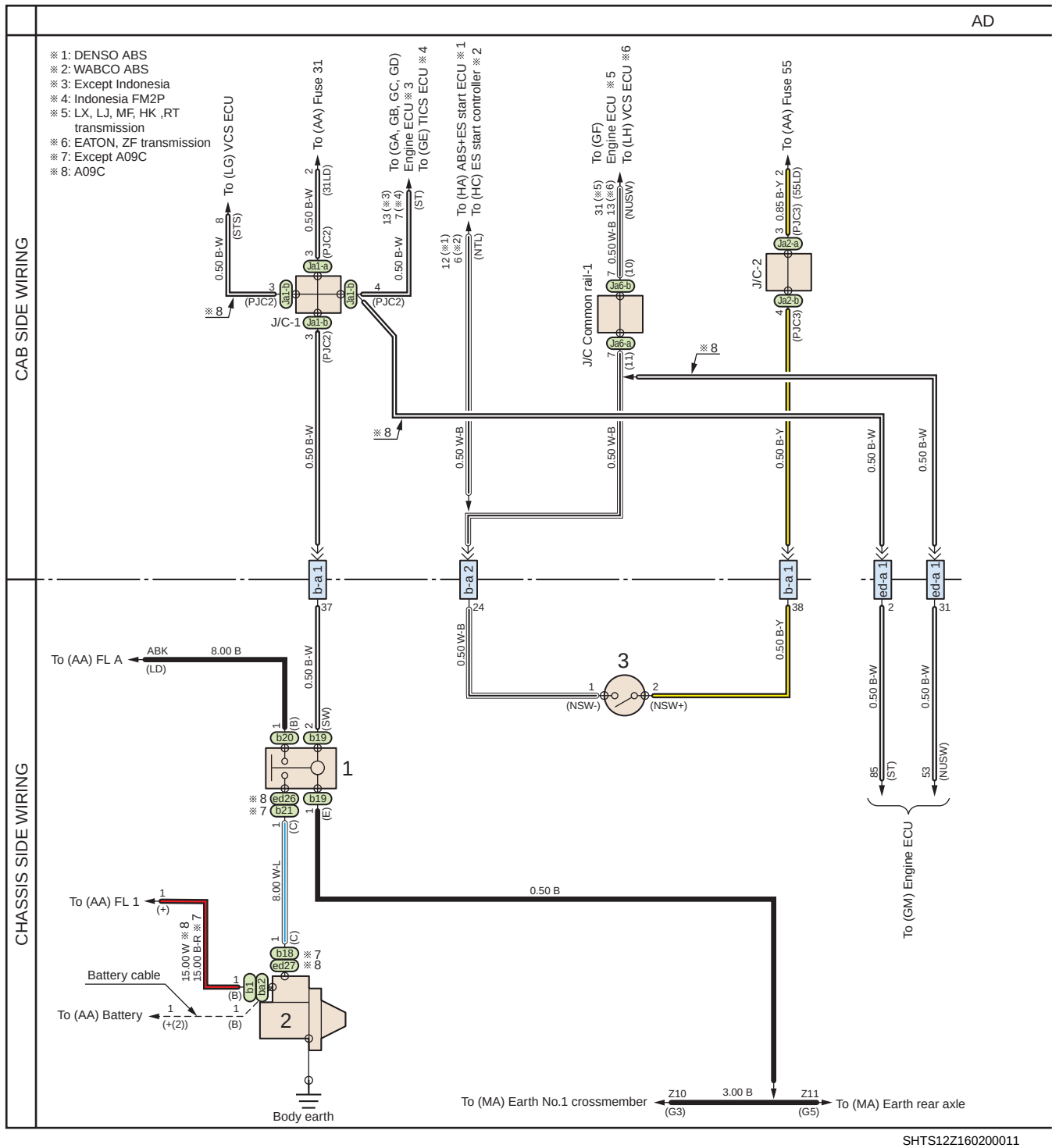
SHTS12Z160200009

AB. ETC. SPARE POWER SUPPLY CIRCUIT

1. ETC. spare power supply connector
2. Service power (Tail)



1. DC/DC converter (12V)



SHTS12Z160200011

AD. ENGINE STARTING CIRCUIT (MODELS WITH MANUAL TRANSMISSION)

1. Starter relay
2. Starter
3. Neutral switch

※7
b20 b21
EG-1, 2, 5, 6, 10, 12, 13, 14
20, 23, 24, 25, 26, 28, 32
33, 36, 37, 40, 42, 45
9806-06050



1

※8
ed26
EG-36, 37, 40
9806-06050



1

b19
EG-1, 2, 5, 6, 10, 12, 13, 14
20, 23, 24, 25, 26, 28, 32
33, 36, 37, 40, 42, 45
82580-6600



1

b1
EG-1, 2, 5, 6, 9, 12, 13
14, 19, 29, 30, 31, 32
36, 37, 40, 42, 46
28181-1100



2

ba2
EG-3, 7, 10, 12, 13
14, 19, 29, 30, 31
36, 37, 40, 42, 46
7003-1733-02



2

※7
b18
EG-1, 2, 5, 6, 9, 12, 13
14, 19, 29, 30, 31
32, 33, 42, 46
82580-6730



2

※8
ed27
EG-36, 37, 40
82580-6730



2

※5
b50
EG-3, 7, 11, 15, 21, 22
29, 30, 36, 40, 43
82580-7180

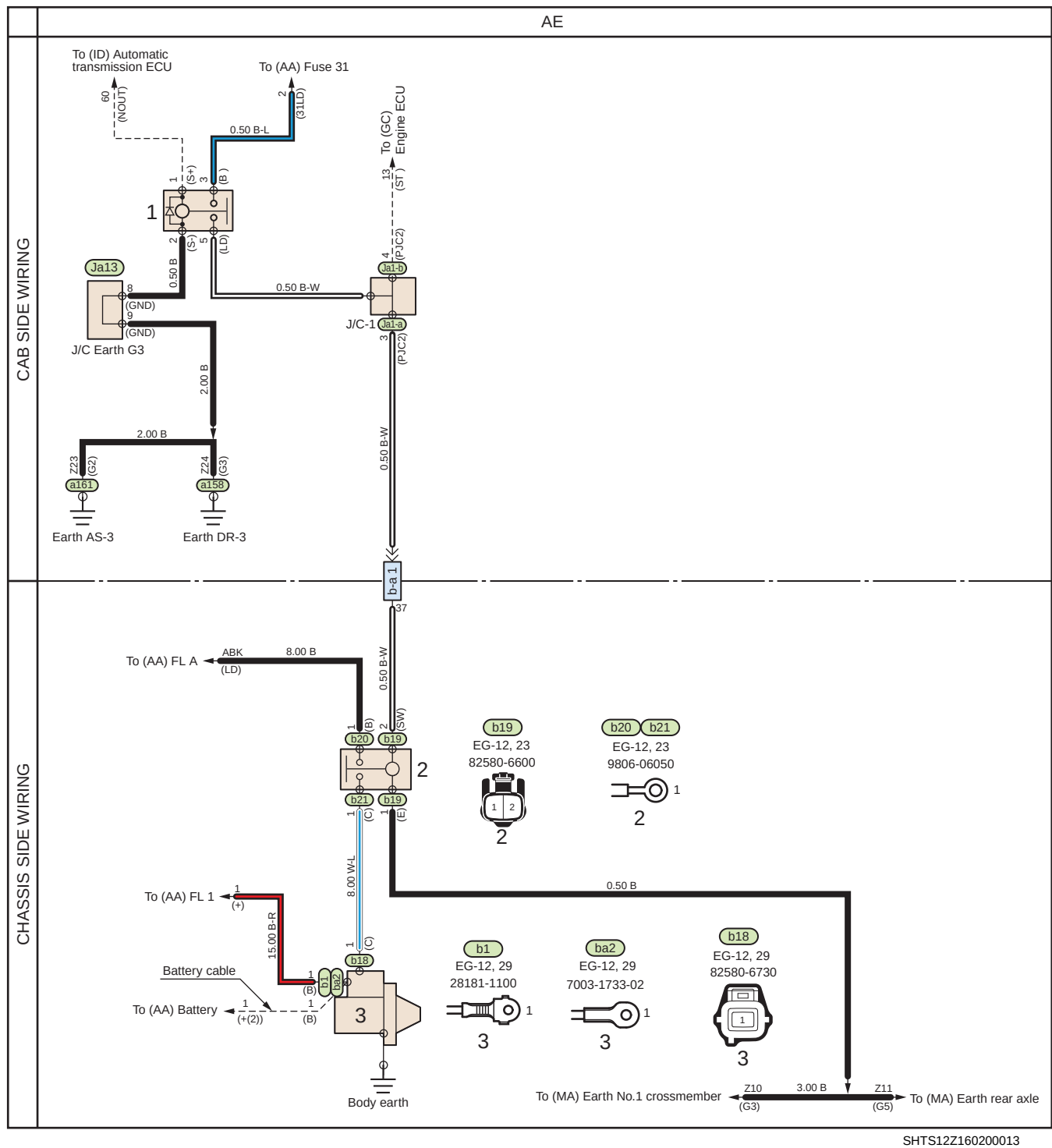


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※6
b49
EG-15, 30, 31, 32
33, 36, 37, 46
82560-1340

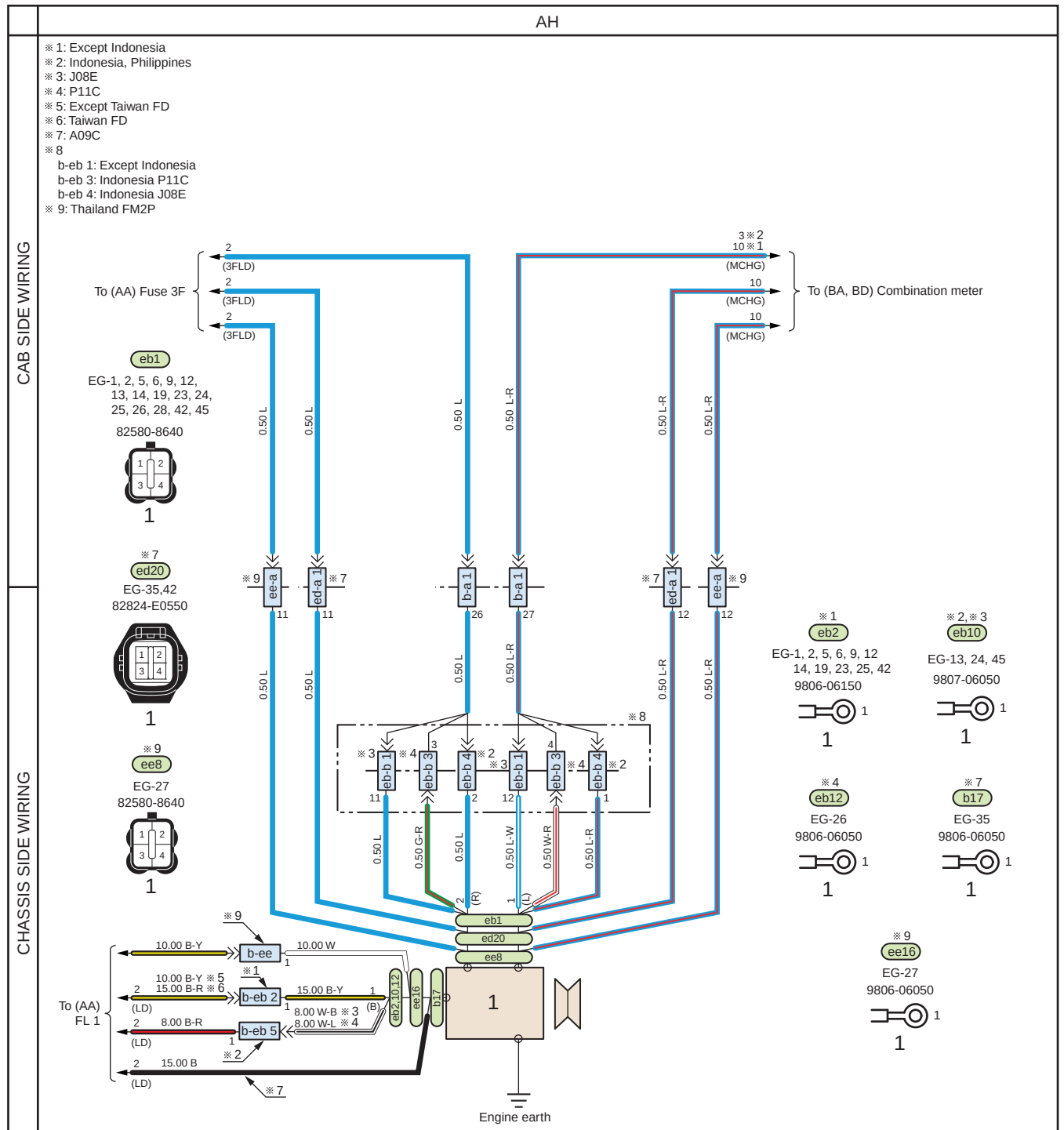


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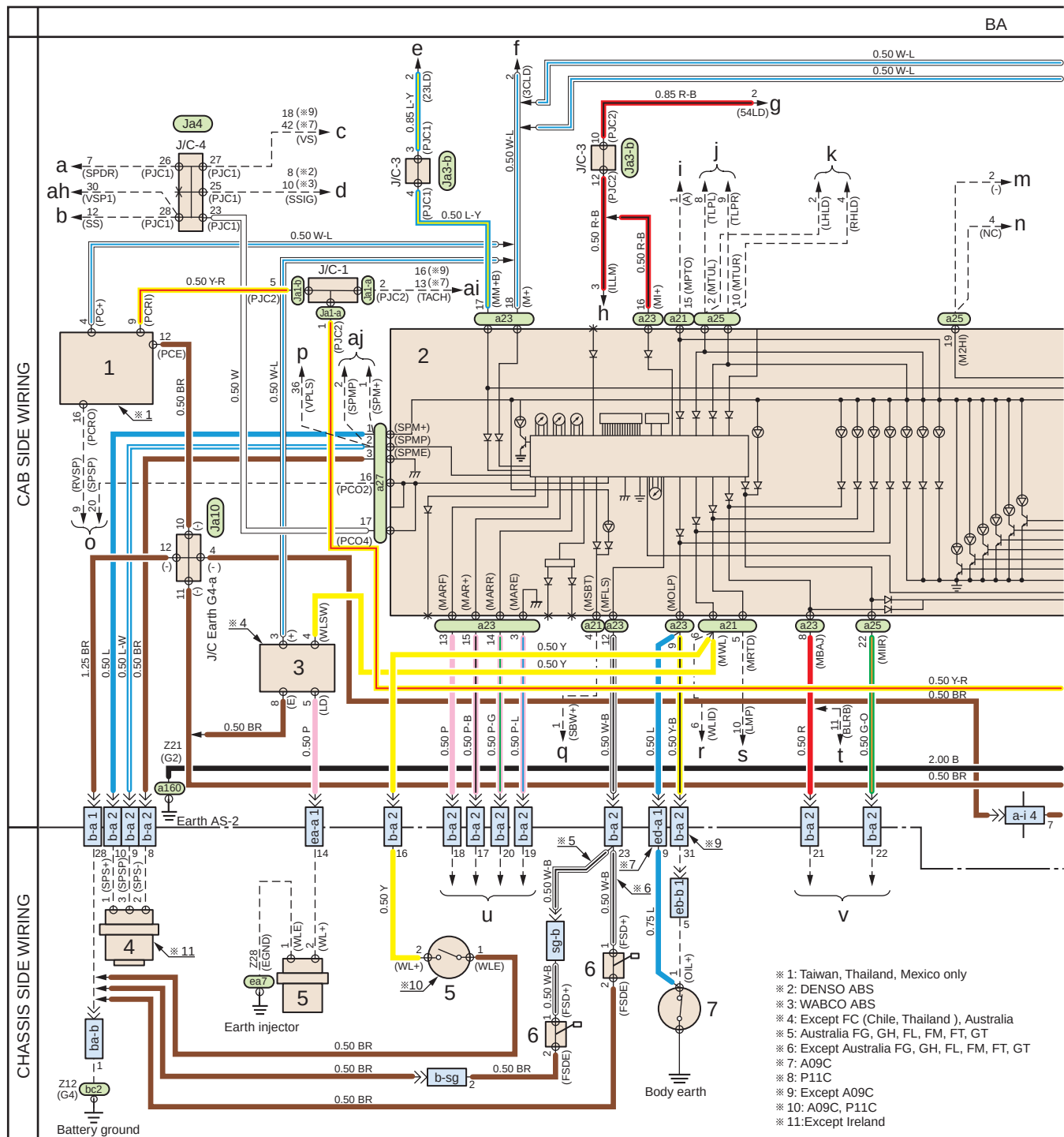
AE. ENGINE STARTING CIRCUIT (MODELS WITH AUTOMATIC TRANSMISSION)

1. Automatic transmission neutral relay
2. Starter relay
3. Starter



SHTS12Z160200014

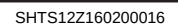
AH. CHARGING CIRCUIT**1. Alternator**



SHTS12Z160200015

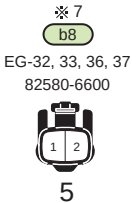
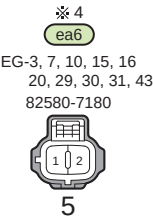
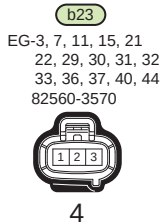
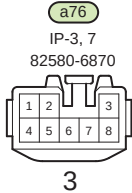
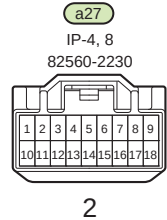
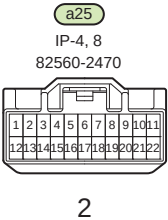
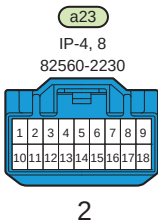
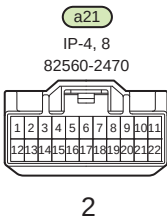
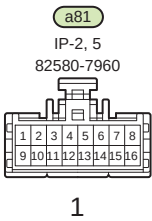
BA. METER CIRCUIT [EXCEPT MODELS FOR INDONESIA, PHILIPPINES, VIETNAM (1 of 3)]

1. Pulse adjust computer 2. Combination meter 3. Coolant level warning relay 4. Vehicle speed sensor 5. Coolant level switch 6. Fuel gauge sender unit 7. Oil pressure switch 8. Warning light check relay 9. Warning buzzer 10. Parking brake switch 11. Trailer hand brake switch 12. Fuel filter level sensor	a. To (CJ) Autoleveling ECU b. To (LD) Transfer control ECU c. To (GA, GB, GC, GD, GM) Engine ECU d. To (HA) ABS+ES start ECU (DENSO ABS), To (HC) ES start controller (WABCO ABS) e. To (AA) Fuse 23 f. To (AA) Fuse 3C g. To (AA) Fuse 54 h. To (EJ) Radio/Audio unit i. To (KA) P.T.O. diode j. To (EM) Integrated unit



k.	To (CB) Turn signal flasher	z.	To (HA) ABS+ES start ECU, To (HB) ABS ECU (18 pin)
m.	To (LD) High detection switch	aa.	To (HF) Differential lock switch
n.	To (IA) Lo-Hi indicator light relay	ab.	To (CA) HEADLIGHT CIRCUIT (Fuse 42)
o.	To (BG) Digital tachograph	ac.	To (LD) 4WD detection switch
p.	To (ID) Automatic transmission ECU	ad.	To (LC) J/C CAN
q.	To (EG) Seat belt switch	ae.	To (AH) Alternator
r.	To (EN) Integrated unit	af.	To (BC) Spring brake switch
s.	To (HE) Retarder ECU (Control unit)	ag.	To (BC) Buzzer cancel switch
t.	To (HD) Brake lock relay	ah.	To (LG) VCS ECU
u.	To (BB) Air gauge sensor	ai.	To (GA, GB, GC, GD) Engine ECU, (LH) VCS ECU
v.	To (BB) METER CIRCUIT (2 of 3)	aj.	To (BH) KIENZLE tachograph
w.	To (AA) Starter switch	ak.	To (ER) Air bag ECU
x.	To (AA) Fuse 31		
y.	To (LD) Low detection switch		

CONNECTORS FOR CIRCUIT "BA"



- ※ 1: Australia FT, GT
- ※ 2: Australia, New Zealand
fuel tank capacity 200L
- ※ 3: Australia fuel tank capacity 400L
- ※ 4: Except FM1A
- ※ 5: FM1A
- ※ 6: FM2P
- ※ 7: FM1A, FM2P

b55
EG-4, 8, 11, 17, 18, 21, 22, 29
30, 31, 32, 33, 36, 37, 44
82580-5440



6

※ 1
b138
EG-22, 44
82580-6600



6

※ 2
sq1
EG-18, 29, 30, 40
82580-5440



6

※ 3
sg2
EG-18, 29, 30
82580-6600



6

※ 4
eb5
EG-1, 2, 5, 6, 9, 12, 14
19, 23, 25, 42
82580-6830



7

※ 5
ed23
EG-35, 39
82580-6830



7

※ 6
ee11
EG-27
82580-6830



7

a11
IP-4, 8
82580-6390



9

a71
IP-3, 7
82560-3030



10

a105
IP-3
82580-6820



11

※ 4
ec1
EG-3, 7, 10, 15, 16
20, 29, 30, 31, 43
82580-9420



12

※ 5
ed14
EG-35, 39
82580-9420

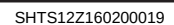


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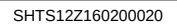
※ 6
ee12
EG-27
82580-9420



12



1. Air gauge sensor [Front (On air tank W/H)]	9. Low pressure switch 2 (Front)
2. Air gauge sensor [Rear or Wet (On air tank W/H)]	10. Low pressure switch 3 (Rear or Wet)
3. Air gauge sensor [Front (On front W/H)]	11. Brake adjust switch (Front)
4. Air gauge sensor [Rear (On front W/H)]	12. Brake adjust switch [Rear (On front W/H)]
5. Brake adjust switch (Rear or Rear RH)	13. Brake fluid level switch (On front W/H)
6. Brake adjust switch (Front)	14. Low pressure switch 1
7. Brake fluid level switch (On air tank W/H)	15. Low pressure switch 2
8. Brake adjust switch (Rear LH)	16. Low pressure switch 3



CONNECTORS FOR CIRCUIT "BB"

Destination	Model	Brake	ABS	A/T W/H	F/L	L/P1	LP2(Fr)	LP3(Rr)	LP3(Wet)
Australia	FC	Air over	LESS	b-sa 1	sa8		sa1	sa2	
		Air over	WITH	b-sa 2	sa8		sa1	sa2	
	FD/GD	Air over	LESS	b-sa 1	sa8		sa1	sa2	
		Air over	WITH	b-sa 2	sa8		sa1	sa2	
	FG/GH	Full air	LESS			b10	b11	b12	
		Full air	WITH			b10	b11	b12	
	FL/FM	Full air	LESS			b10	b11	b12	
		Full air	WITH			b10	b11	b12	
Chile	FT/GT	Air over	LESS		b7		b11	b12	
		Air over	WITH		b7		b11	b12	
	FC	Air over	LESS	b-sa 3	sa8				sa11
	GD	Air over	LESS	b-sa 3	sa8				sa11
Colombia	FG/GH	Full air	LESS			b10	b11	b12	
		Full air	LESS			b10	b11	b12	
	FC	Air over	LESS	b-sa 6	sa8				sa11
		Air over	WITH	b-sa 2	sa8		sa16	sa17	
	GD	Air over	LESS	b-sa 6	sa8				sa11
		Air over	WITH	b-sa 2	sa8		sa16	sa17	
Ecuador	FG	Full air	LESS						
		Full air	WITH						
	FC	Air over	LESS	b-sa 6	sa8				sa11
		Air over	WITH	b-sa 2	sa8		sa16	sa17	
Hong Kong	GD	Air over	LESS	b-sa 6	sa8				sa11
		Air over	WITH	b-sa 2	sa8		sa16	sa17	
	GH	Full air	LESS			b10	b11	b12	
		Full air	WITH			b10	b11	b12	
India	FD	Air over	WITH	b-sa 2	sa8		sa16	sa2	
	FG/GH	Full air	WITH			b10	b11	b12	
Ireland	GH	Full air	WITH			b10	b11	b12	
India	FL/FM	Full air	WITH				sa16	sa17	
Mexico	FC	Air over	LESS	b-sa 3	sa8				
		Air over	WITH	b-sa 2	sa8		sa16	sa17	
	FG/GH	Full air	LESS				sa16	sa17	
		Full air	WITH				sa16	sa17	
New Zealand	FC	Air over	LESS	b-sa 1	sa8		sa16	sa23	
		Air over	WITH	b-sa 2	sa8		sa16	sa17	
	FD/GD	Air over	LESS	b-sa 1	sa8		sa16	sa23	
		Air over	WITH	b-sa 2	sa8		sa16	sa17	
	FG/GH	Full air	LESS			b10	b11	b12	
		Full air	WITH			b10	b11	b12	
	FM	Full air	LESS			b10	b11	b12	
		Full air	WITH			b10	b11	b12	
GT	Air over	LESS		b7		b11	b12		
	Air over	WITH		b7		b11	b12		
Singapore	FD	Air over	LESS	b-sa 1	sa8		sa1	sa2	
	GH	Full air	LESS			b10	b11	b12	
Taiwan	FC	Air over	LESS	b-sa 3	sa8				sa22
		Air over	WITH	b-sa 2	sa8		sa16	sa17	
	FD	Air over	LESS	b-sa 3	sa8				sa22
		Air over	WITH	b-sa 2	sa8		sa16	sa17	
	FG/GH	Air over	LESS	b-sa 4	sa9				sa22
		Air over	WITH	b-sa 5	sa9				sa22
Thailand	FL/FM/GY	Full air	LESS				b11	b12	
		Full air	WITH				b11	b12	
	FC	Air over	LESS	b-sa 3	sa8				sa11
		FG	Air over	LESS	b-sa 3	sa8			
Thailand	FL/FM/GY	Air over	LESS	b-sa 4	sa9				sa11
		Air over	LESS	b-sa 4	sa9				sa11

A/T = Air tank
F/L = Brake fluid level switch
L/P = Low pressure switch

Destination	Model	Brake	ABS	A/G(Fr)	A/G(Rr)	A/G(Wet)	B/A(Fr)	B/A(Rr)	B/A(RrRH)	B/A(RrLH)
Australia	FC	Air over	LESS	sa3	sa4		sa5	sa13		
		Air over	WITH	sa3	sa4		sa5	sa13		
	FD/GD	Air over	LESS	sa3	sa4		sa5	sa13		
		Air over	WITH	sa3	sa4		sa5	sa13		
	FG/GH	Full air	LESS	b13	b14					
		Full air	WITH	b13	b14					
	FL/FM	Full air	LESS	b13	b14					
		Full air	WITH	b13	b14					
Chile	FC	Air over	LESS		b14		sa5	sa13		
		Air over	WITH		b14		sa5	sa13		
	GD	Air over	LESS		b14		sa5	sa13		
		Air over	WITH		b14		sa5	sa13		
Colombia	FC	Air over	LESS		b14		sa5	sa13		
		Air over	WITH	sa3	sa4		sa5	sa13		
	GD	Air over	LESS		b14		sa5	sa13		
		Air over	WITH	sa3	sa4		sa5	sa13		
	FG	Full air	LESS							
		Full air	WITH							
Ecuador	FC	Air over	LESS		b14		sa5	sa13		
		Air over	WITH	sa3	sa4		sa5	sa13		
	GD	Air over	LESS		b14		sa5	sa13		
		Air over	WITH	sa3	sa4		sa5	sa13		
	GH	Full air	LESS	b13	b14					
		Full air	WITH	b13	b14					
Hong Kong	FD	Air over	WITH	sa3	sa4		sa5	sa13		
		Full air	WITH	b13	b14					
Ireland	GH	Full air	WITH	b13	b14					
India	FL/FM	Full air	WITH	sa3	b14					
Mexico	FC	Air over	LESS		b14		sa5	sa13		
		Air over	WITH	sa3	b14		sa5	sa13		
	FG/GH	Full air	LESS	sa3	b14					
		Full air	WITH	sa3	b14					
New Zealand	FC	Air over	LESS	sa3	sa4		sa5	sa13		
		Air over	WITH	sa3	sa4		sa5	sa13		
	FD/GD	Air over	LESS	sa3	sa4		sa5	sa13		
		Air over	WITH	sa3	sa4		sa5	sa13		
	FG/GH	Full air	LESS	b13	b14					
		Full air	WITH	b13	b14					
	FM	Full air	LESS	b13	b14					
		Full air	WITH	b13	b14					
	GT	Air over	LESS	b13	b14		b71	b72		
		Air over	WITH	b13	b14		b71	b72		
Singapore	FD	Air over	LESS	sa3	sa4		sa5	sa13		
		Full air	LESS	b13	b14					
Taiwan	FC	Air over	LESS		b14		sa5	sa13		
		Air over	WITH	sa3	sa4		sa5	sa13		
	FD	Air over	LESS		b14		sa5	sa13		
		Air over	WITH	sa3	sa4		sa5	sa13		
	FG/GH	Air over	LESS			sa12	sa5	sa13		
		Air over	WITH			sa12	b71		sa6	sa7
		Full air	LESS	b13	b14					
		Full air	WITH	b13	b14					
Thailand	FC	Air over	LESS		b14		sa5	sa13		
		Air over	WITH		b14		sa5	sa13		
	FL/FM/GY	Air over	LESS			sa12	sa5	sa13		

CONNECTORS FOR CIRCUIT "BB"

sa3
EG-4, 8, 11, 41
82560-3190



1

sa4
EG-4, 8, 11, 41
82560-3190



2

sa12
EG-18, 34, 38
82560-3190



2

b13
EG-18, 21, 22, 34, 41, 44
82560-3190



3

b14
EG-4, 8, 17, 18, 21, 22, 34, 44
82560-3190



4

sa6
EG-18
82580-9250



5

sa13
EG-4, 8, 11, 17, 18, 34, 38
82580-9250



5

sa5
EG-4, 8, 11, 17, 18, 34, 38, 41
82590-9250



6

sa8
EG-4, 8, 11, 17
82580-9250



7

sa9
EG-18, 34, 38, 41
82580-9240



7

sa7
EG-18
82580-9250

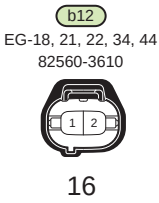
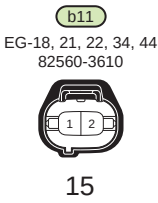


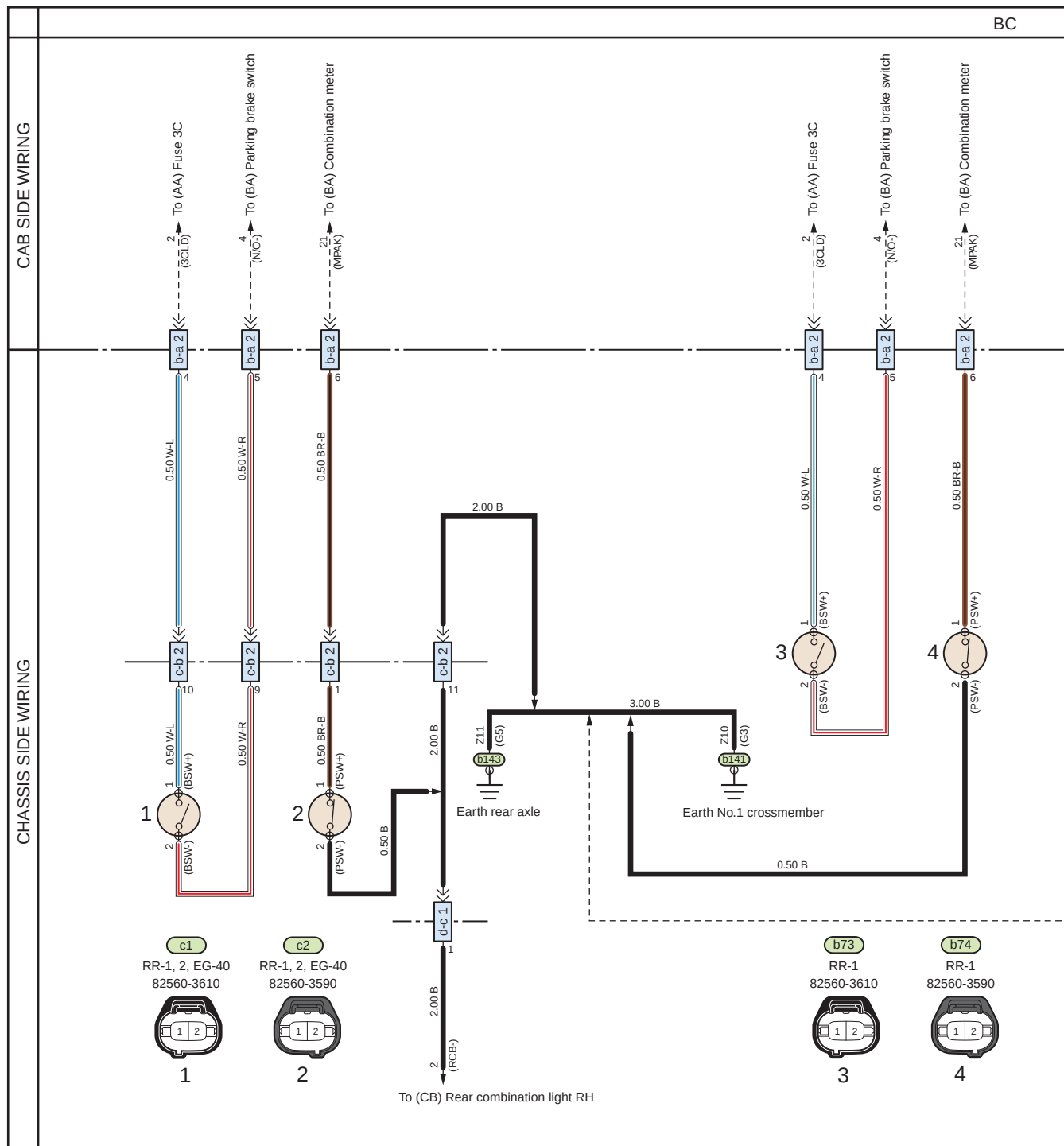
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sa1
EG-4, 8, 11
82560-3610



9

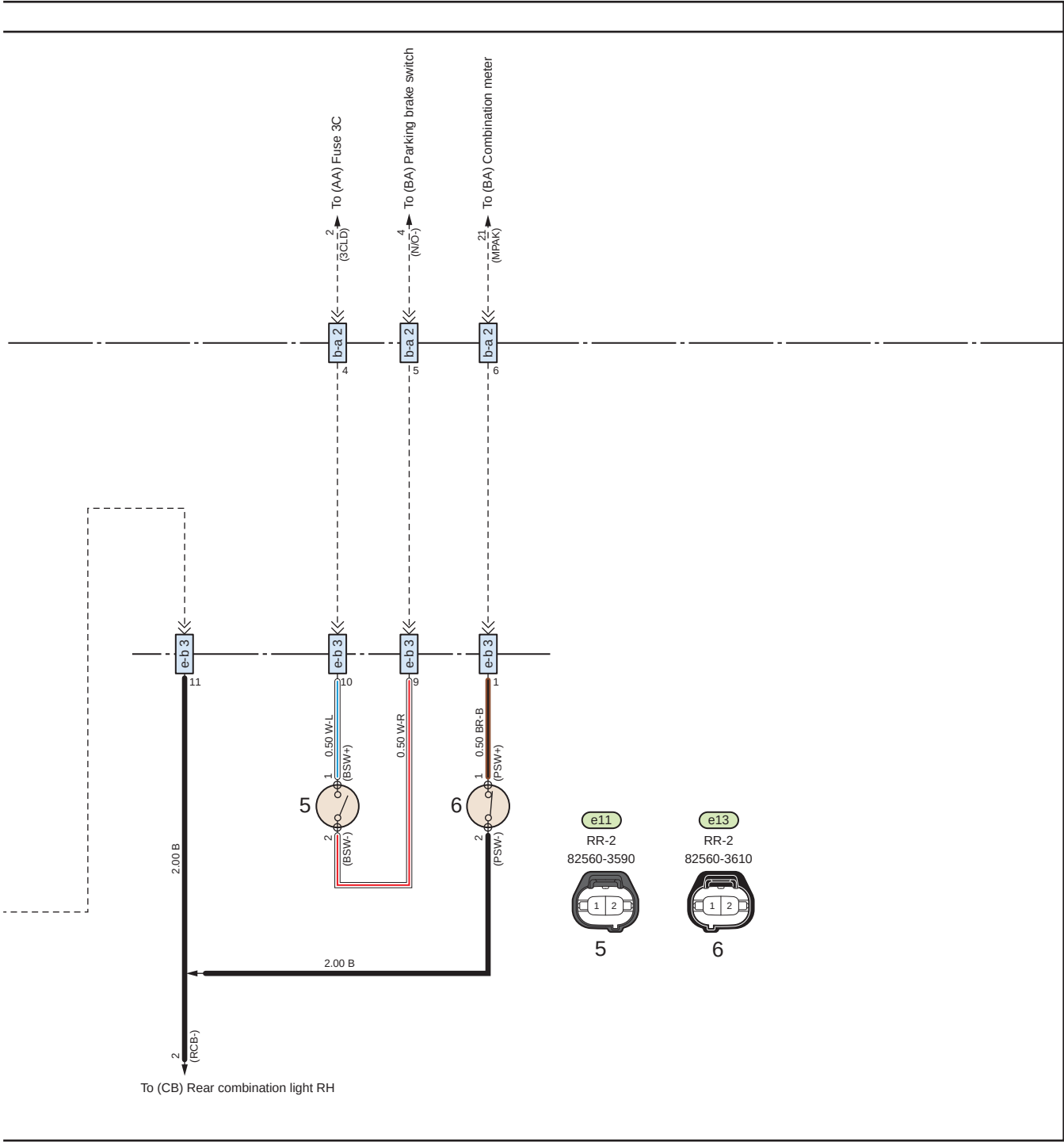


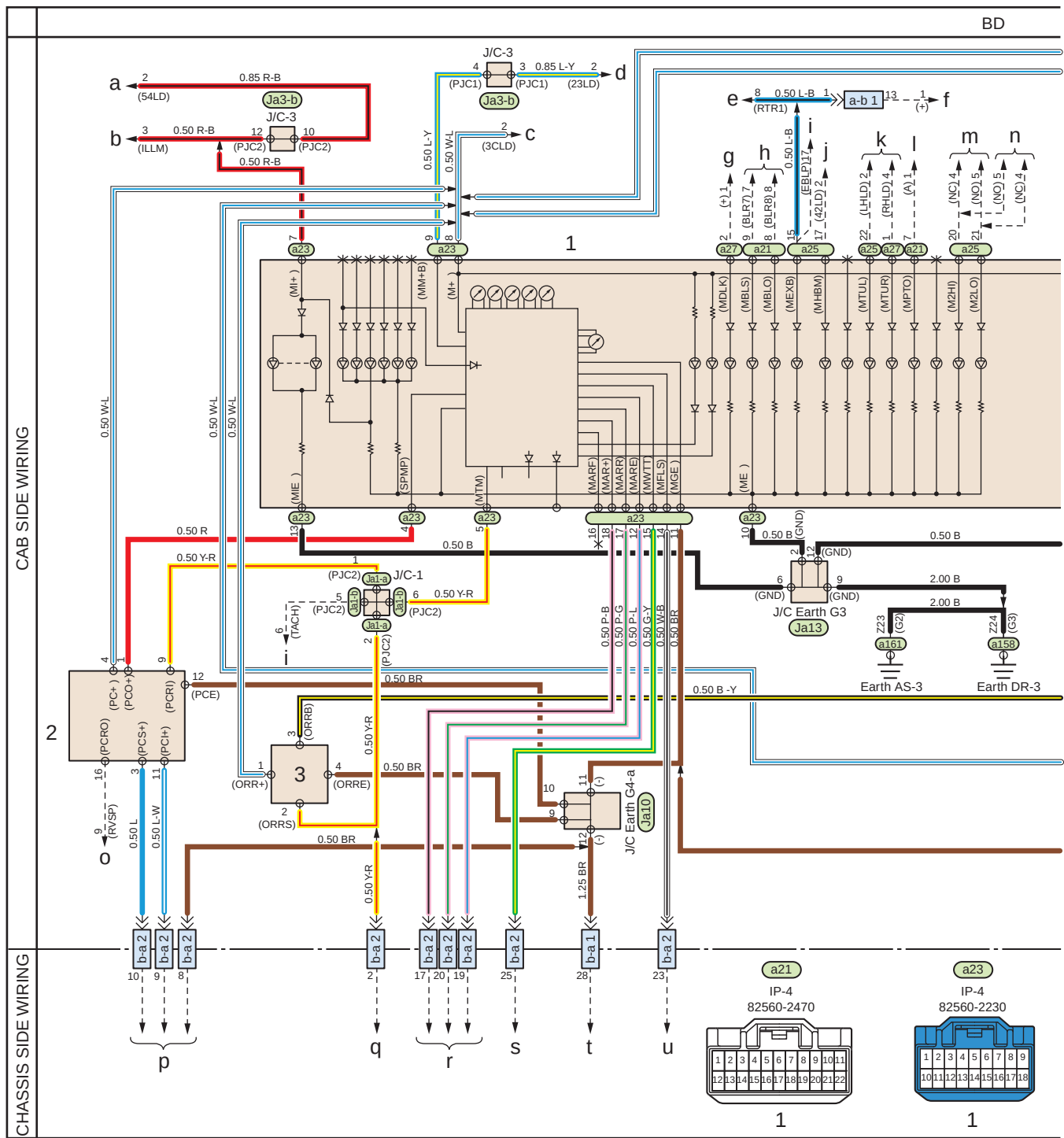


SHTS12Z160200025

BC. METER CIRCUIT [EXCEPT MODELS FOR INDONESIA, PHILIPPINES, VIETNAM (3 of 3)]

1. Buzzer cancel switch (Except Models FT, GT and New Zealand FM mixer truck)
2. Spring brake switch (Except Models FT, GT and New Zealand FM mixer truck)
3. Buzzer cancel switch (Models FT, GT)
4. Spring brake switch (Models FT, GT)
5. Buzzer cancel switch (New Zealand FM mixer truck)
6. Spring brake switch (New Zealand FM mixer truck)

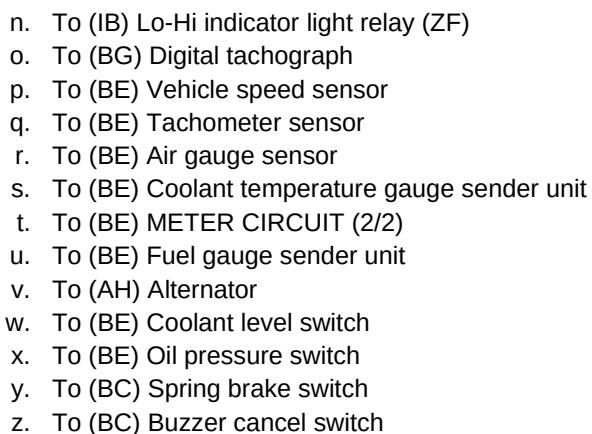


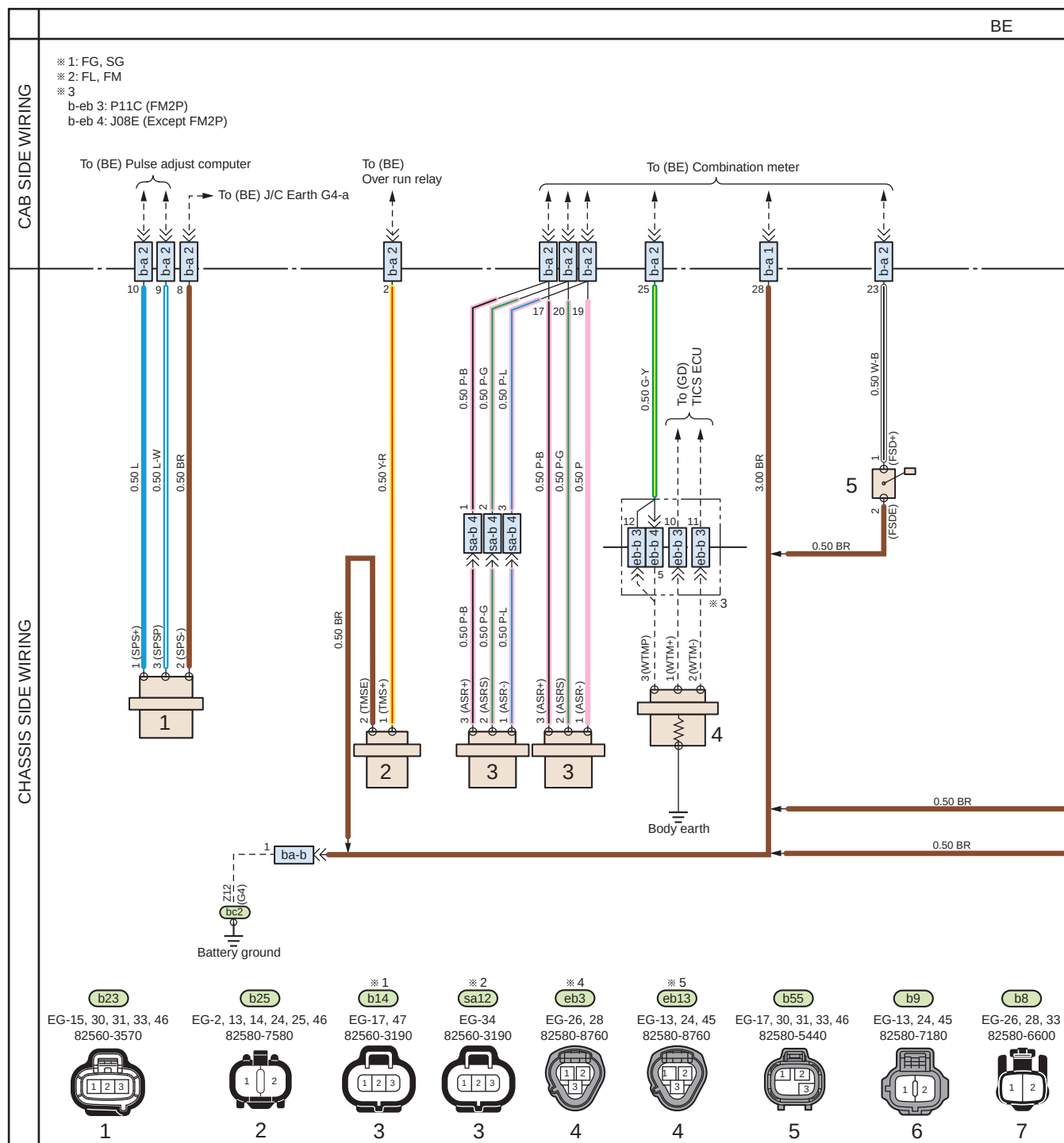


SHTS12Z160200027

BD. METER CIRCUIT [MODELS FOR INDONESIA, PHILIPPINES, VIETNAM (1 of 2)]

1. Combination meter	a. To (AA) Fuse 54
2. Pulse adjust computer	b. To (EJ) Radio/Audio unit
3. Over run relay	c. To (AA) Fuse 3C
4. Trailer hand brake switch	d. To (AA) Fuse 23
5. Coolant level warning relay	e. To (GG) Wiper and retarder switch
6. Warning buzzer	f. To (GG) Exhaust brake magnetic valve
7. Parking brake switch	g. To (HF) Differential lock magnetic valve
	h. To (HD) Brake lock relay
	i. To (GE) TICS ECU
	j. To (CA) HEADLIGHT CIRCUIT (Fuse 42)
	k. To (CB) Turn signal flasher
	l. To (KA) P.T.O. diode
	m. To (IA) Lo-Hi indicator light relay (EATON)

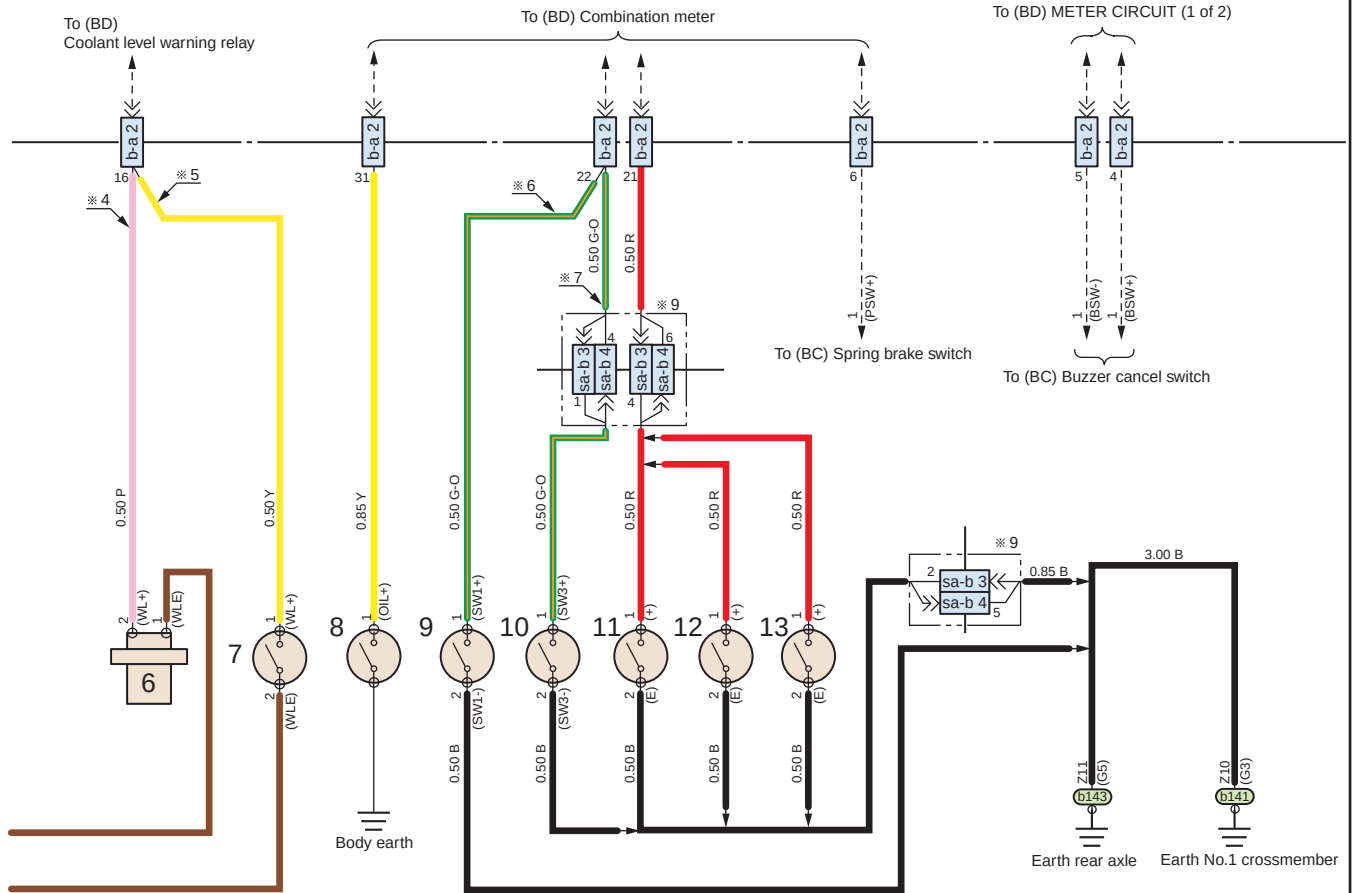




SHTS12Z160200029

BE. METER CIRCUIT [MODELS FOR INDONESIA, PHILIPPINES, VIETNAM (2 of 2)]

1. Vehicle speed sensor	8. Oil pressure switch
2. Tachometer sensor	9. Low pressure switch 1
3. Air gauge sensor	10. Low pressure switch 3
4. Coolant temperature gauge sender unit	11. Brake adjust switch (Rear)
5. Fuel gauge sender unit	12. Brake adjust switch (Front)
6. Coolant level switch (Except FM2P)	13. Brake fluid level switch
7. Coolant level switch (FM2P)	



EG-13, 14, 24, 25, 26, 28, 45
82580-6830



8

EG-47
82560-3610



9

EG-17, 34
82560-3610



10

EG-17, 34
82580-9250



11

EG-17, 34
82580-9250



12

EG-17
82580-9250



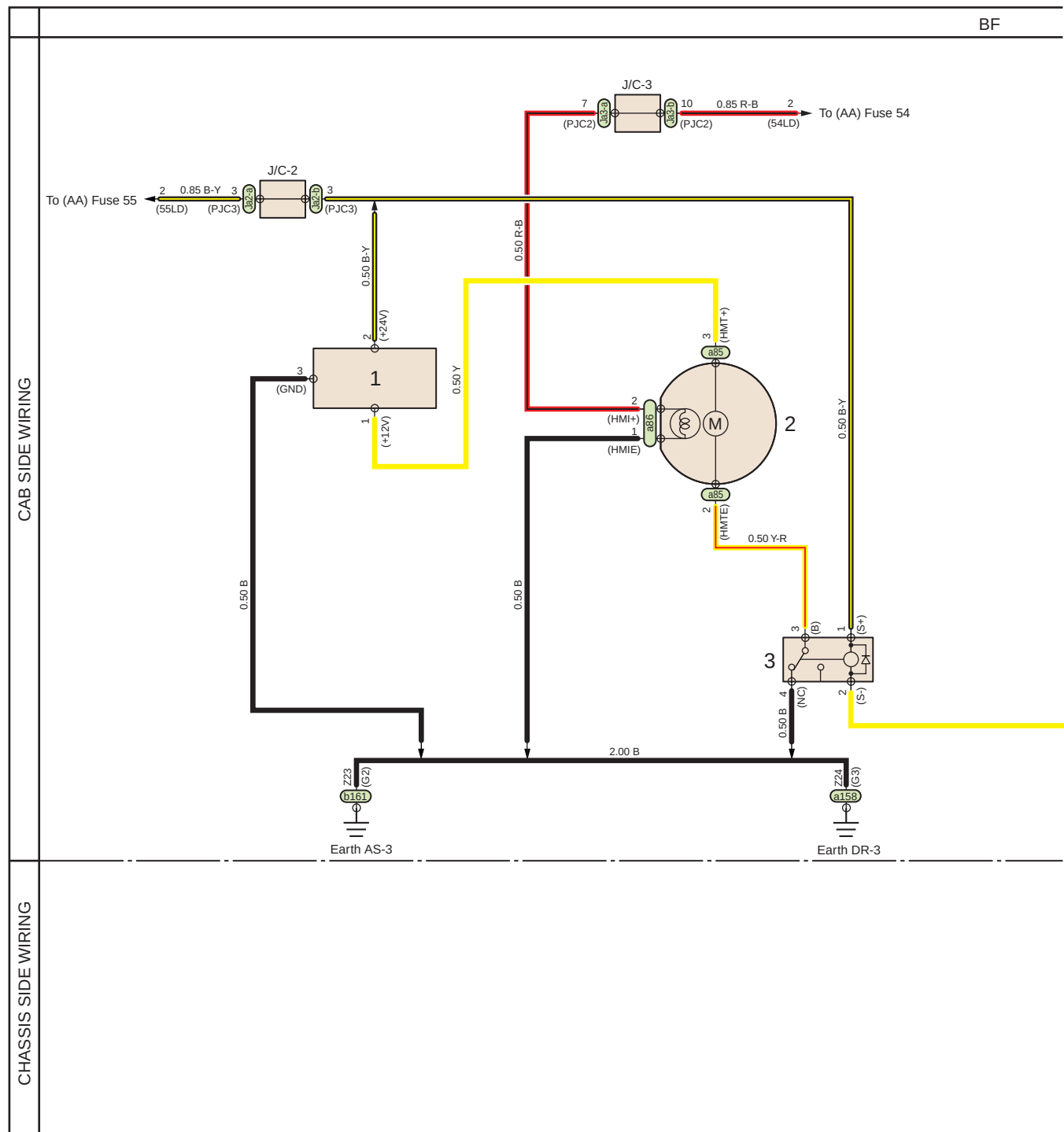
13

EG-34
82580-9240



13

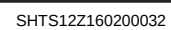
※ 4: FM2P
※ 5: Except FM2P
※ 6: SG
※ 7: Except SG
※ 8: FG
※ 9
b-sa 3: FG
b-sa 4: FL, FM

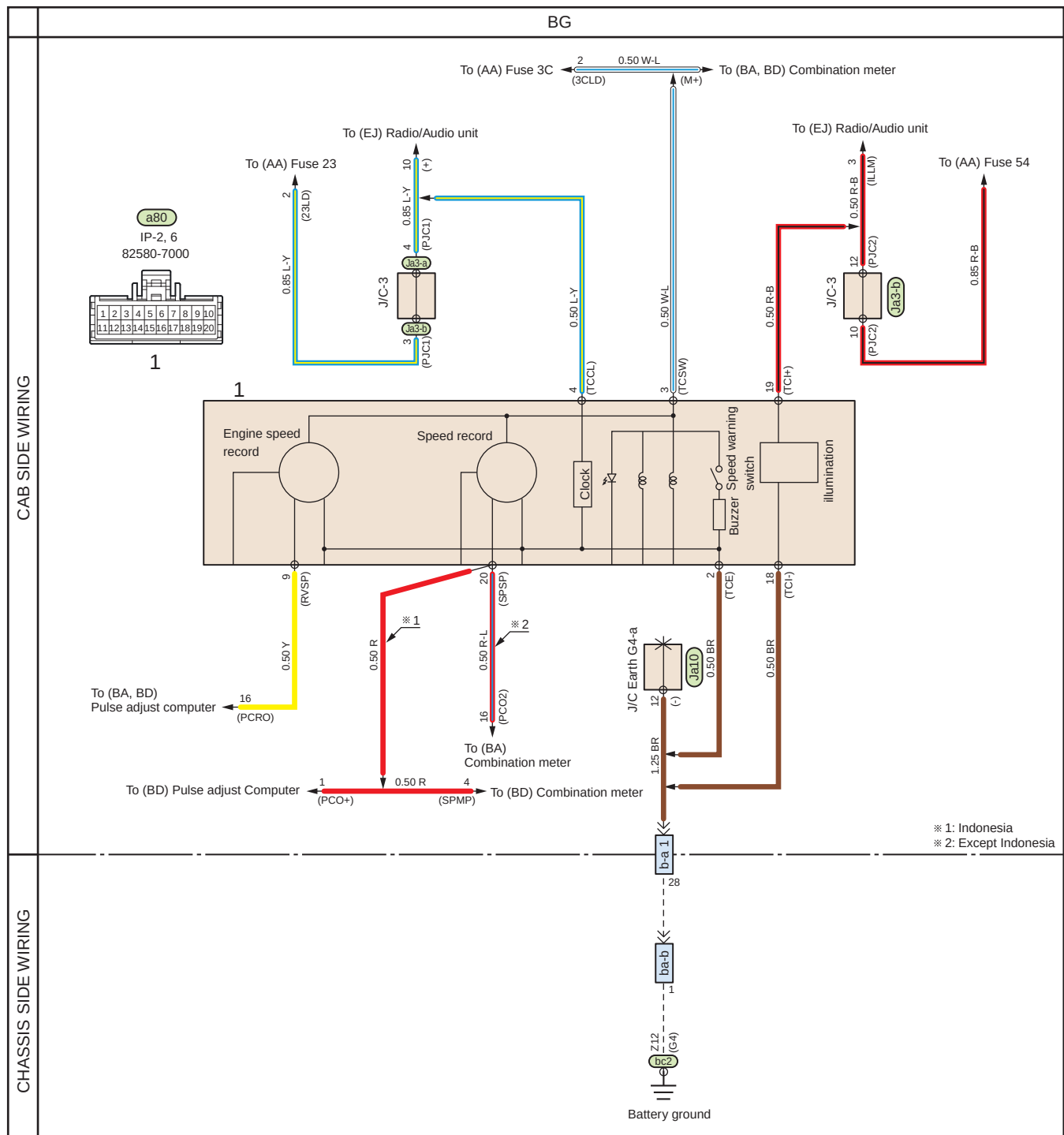


SHTS12Z160200031

BF. HOUR METER CIRCUIT

1. DC/DC converter (Hour meter)
2. Hour meter
3. Hour meter relay

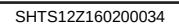




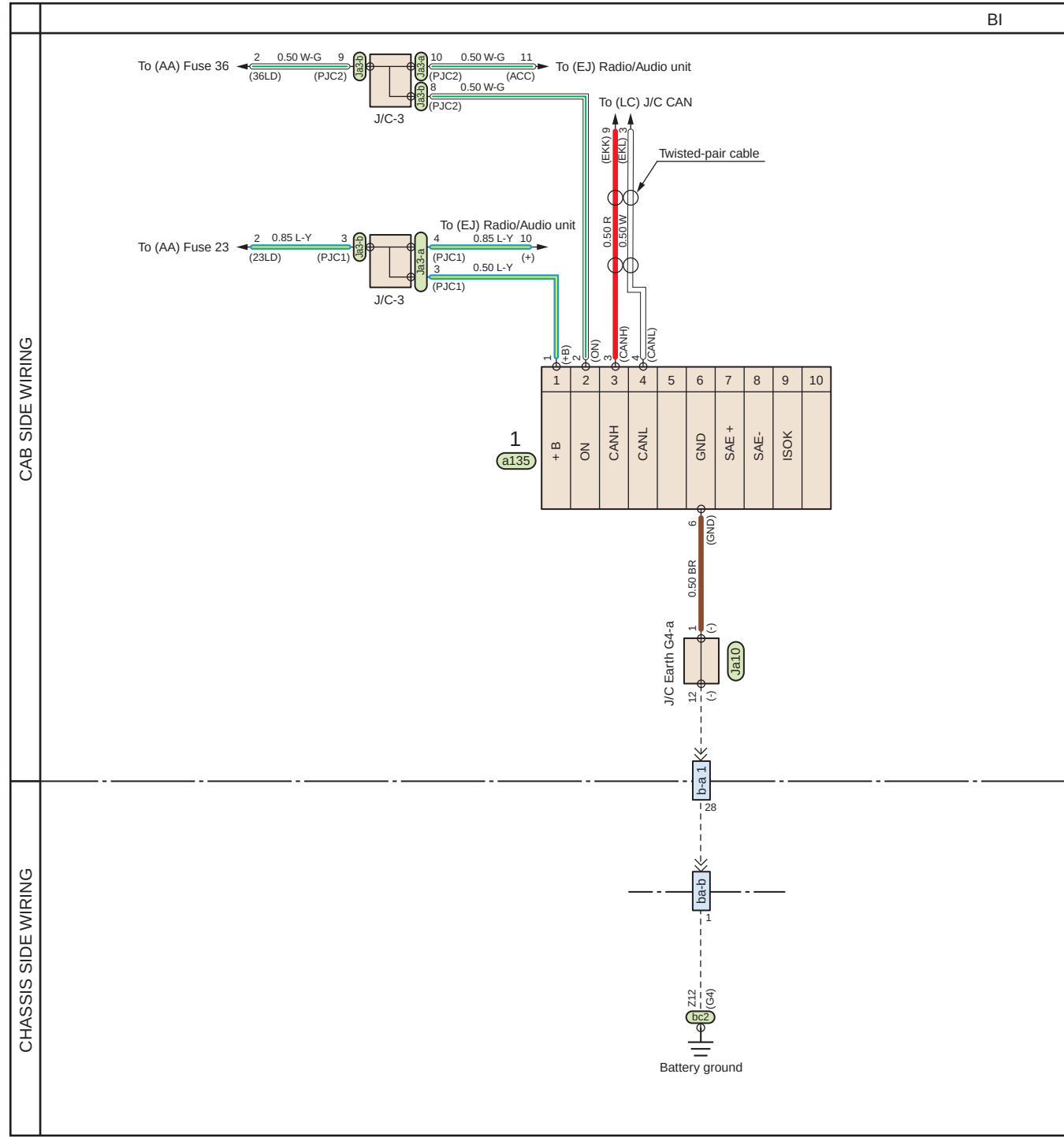
SHTS12Z160200033

BG. TACHOGRAPH CIRCUIT

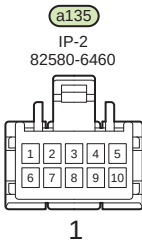
1. Digital tachograph

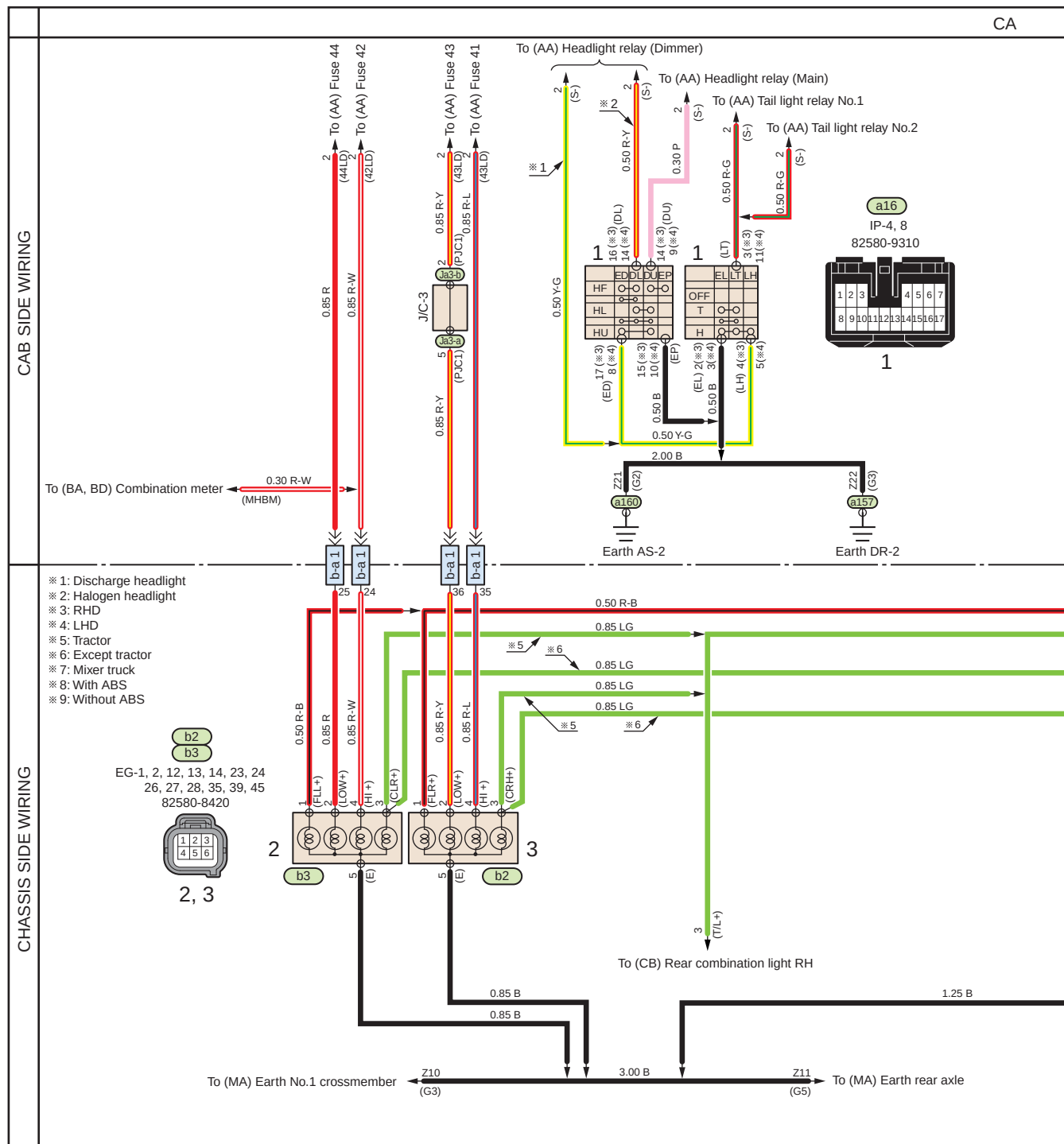


1. KIENZLE tachograph
2. Speed sensor



BI. DRIVE MASTER CIRCUIT
1. Drive master unit

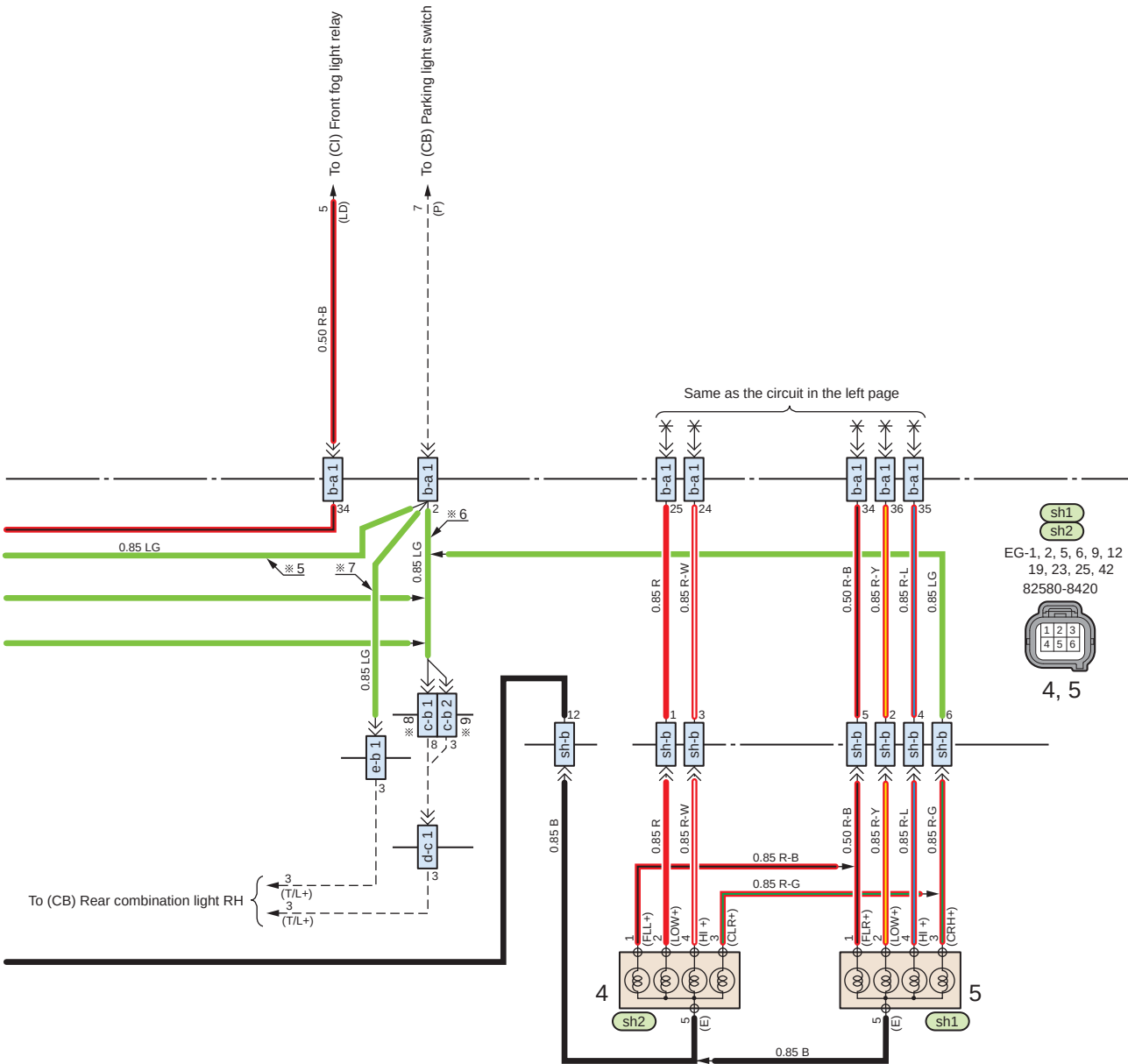


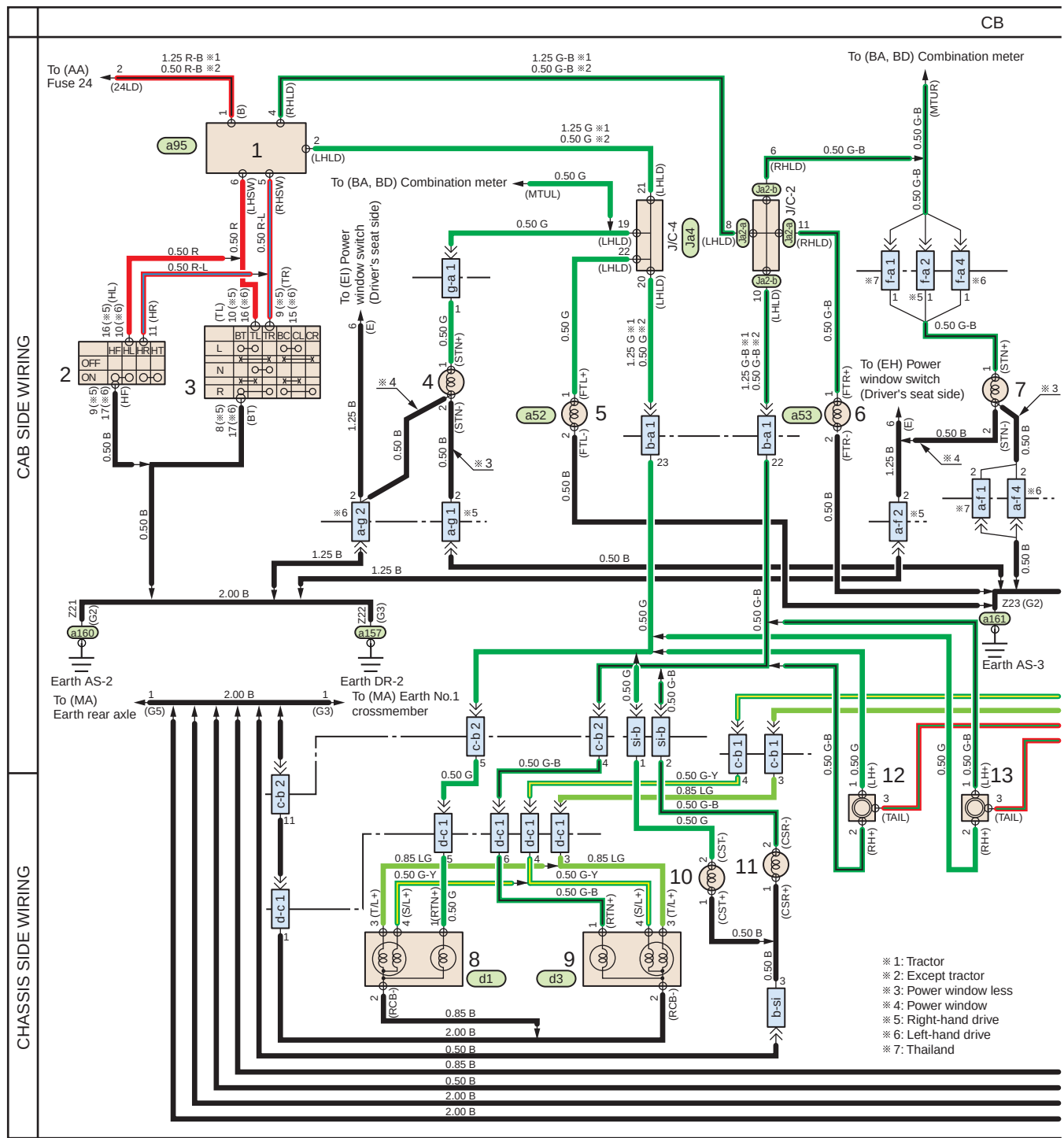


SHTS12Z160200037

CA. HEADLIGHT CIRCUIT

1. Light and turn switch
2. Headlight LH (Indonesia, Taiwan, Thailand)
3. Headlight RH (Indonesia, Taiwan, Thailand)
4. Headlight LH (Australia, Chile, Colombia, Ecuador, Hong Kong, Ireland, New Zealand, Philippines, Singapore, Vietnam)
5. Headlight RH (Australia, Chile, Colombia, Ecuador, Hong Kong, Ireland, New Zealand, Philippines, Singapore, Vietnam)

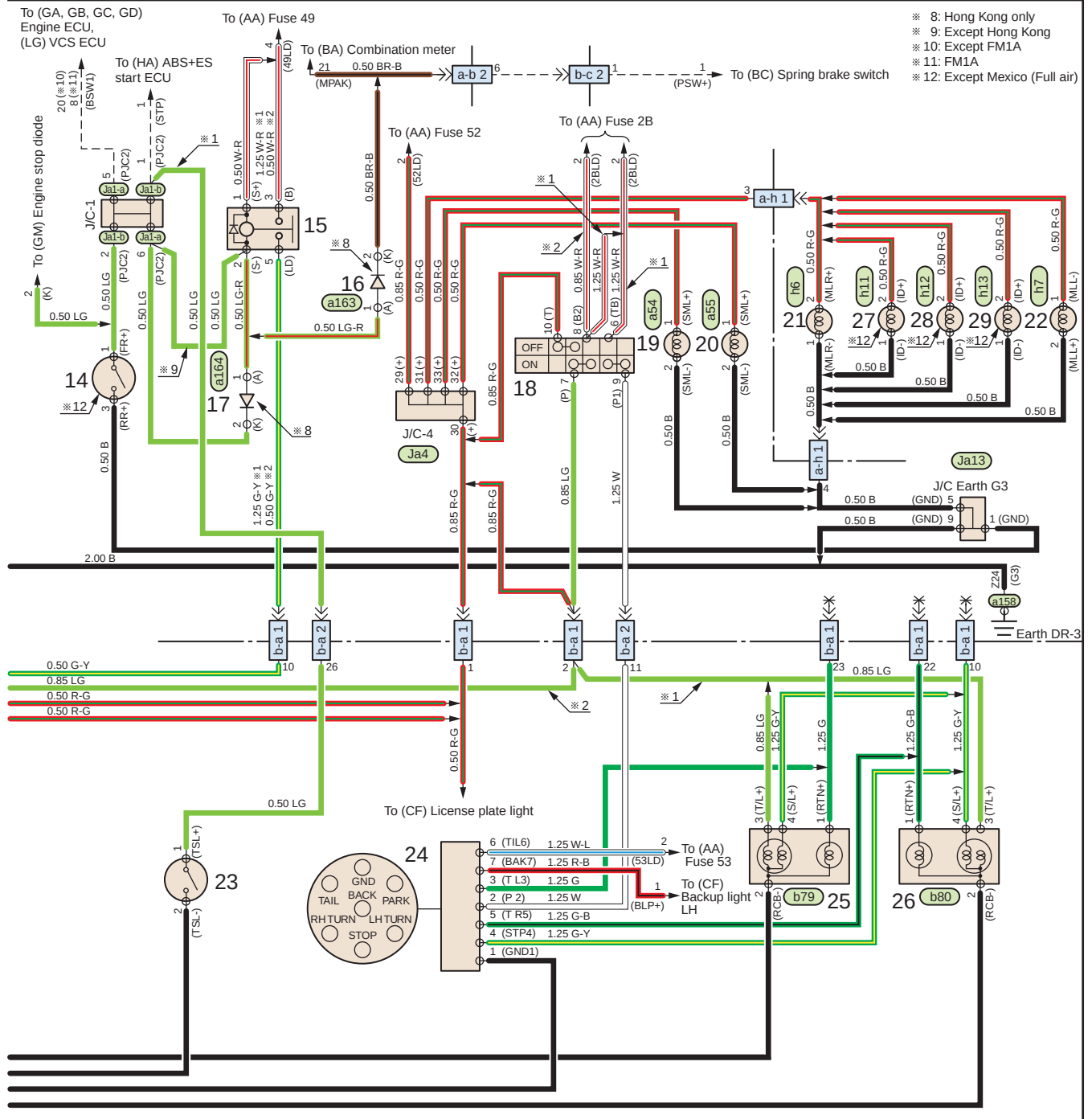




SHTS12Z160200039

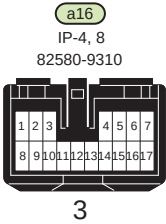
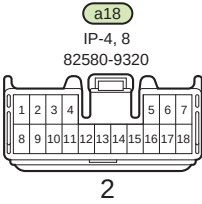
CB. TURN, STOP AND TAIL LIGHT CIRCUIT [EXCEPT MODELS FOR AUSTRALIA AND IRELAND (1 of 2)]

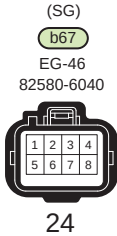
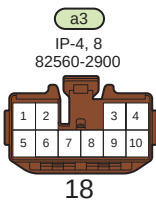
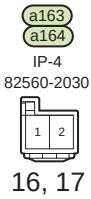
1. Turn signal flasher	14. Stop light switch
2. Wiper and retarder switch	15. Stop light relay
3. Light and turn switch	16. Hong Kong diode 1
4. Side turn signal light (Front LH)	17. Hong Kong diode 2
5. Turn signal light (Front LH)	18. Parking light switch
6. Turn signal light (Front RH)	19. Side marker light LH
7. Side turn signal light (Front RH)	20. Side marker light RH
8. Rear combination light LH (Except Tractor)	21. Front endout marker light LH
9. Rear combination light RH (Except Tractor)	22. Front endout marker light RH
10. Side turn signal light (Mid LH)	23. Trailer stop light switch
11. Side turn signal light (Mid RH)	24. Trailer socket
12. Left turn buzzer	25. Rear combination light LH (Tractor)
13. Right turn buzzer	26. Rear combination light RH (Tractor)

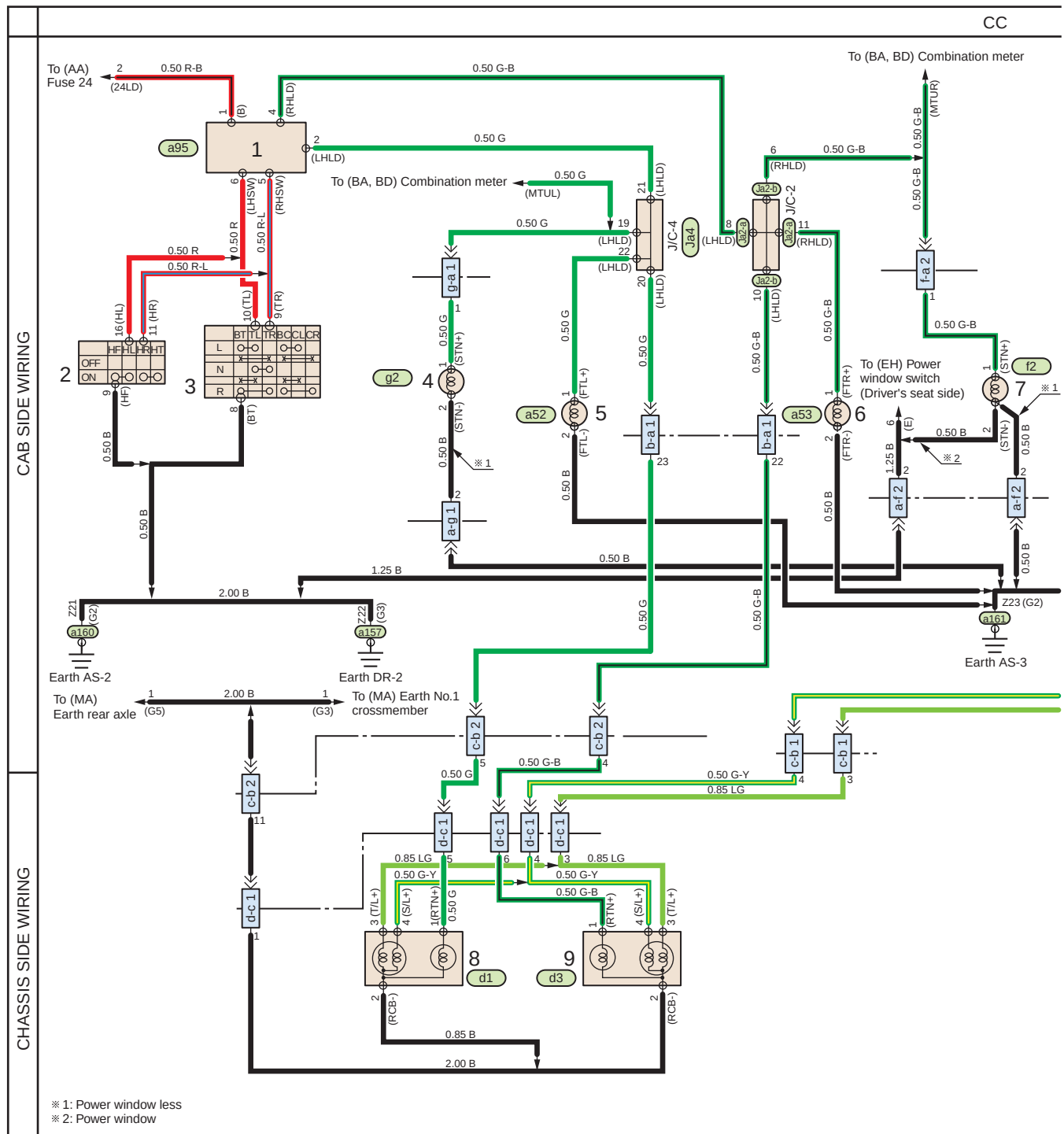


SHTS12Z160200040

CONNECTORS FOR CIRCUIT "CB"



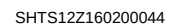




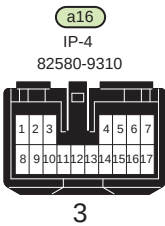
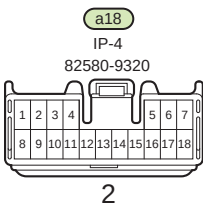
SHTS12Z160200043

CC. TURN, STOP AND TAIL LIGHT CIRCUIT [MODELS FOR IRELAND]

1. Turn signal flasher	12. Side marker light LH
2. Wiper and retarder switch	13. Side marker light RH
3. Light and turn switch	14. Front endout marker light LH
4. Side turn signal light (Front LH)	15. Front endout marker light RH
5. Turn signal light (Front LH)	
6. Turn signal light (Front RH)	
7. Side turn signal light (Front RH)	
8. Rear combination light LH	
9. Rear combination light RH	
10. Stop light switch	
11. Stop light relay	

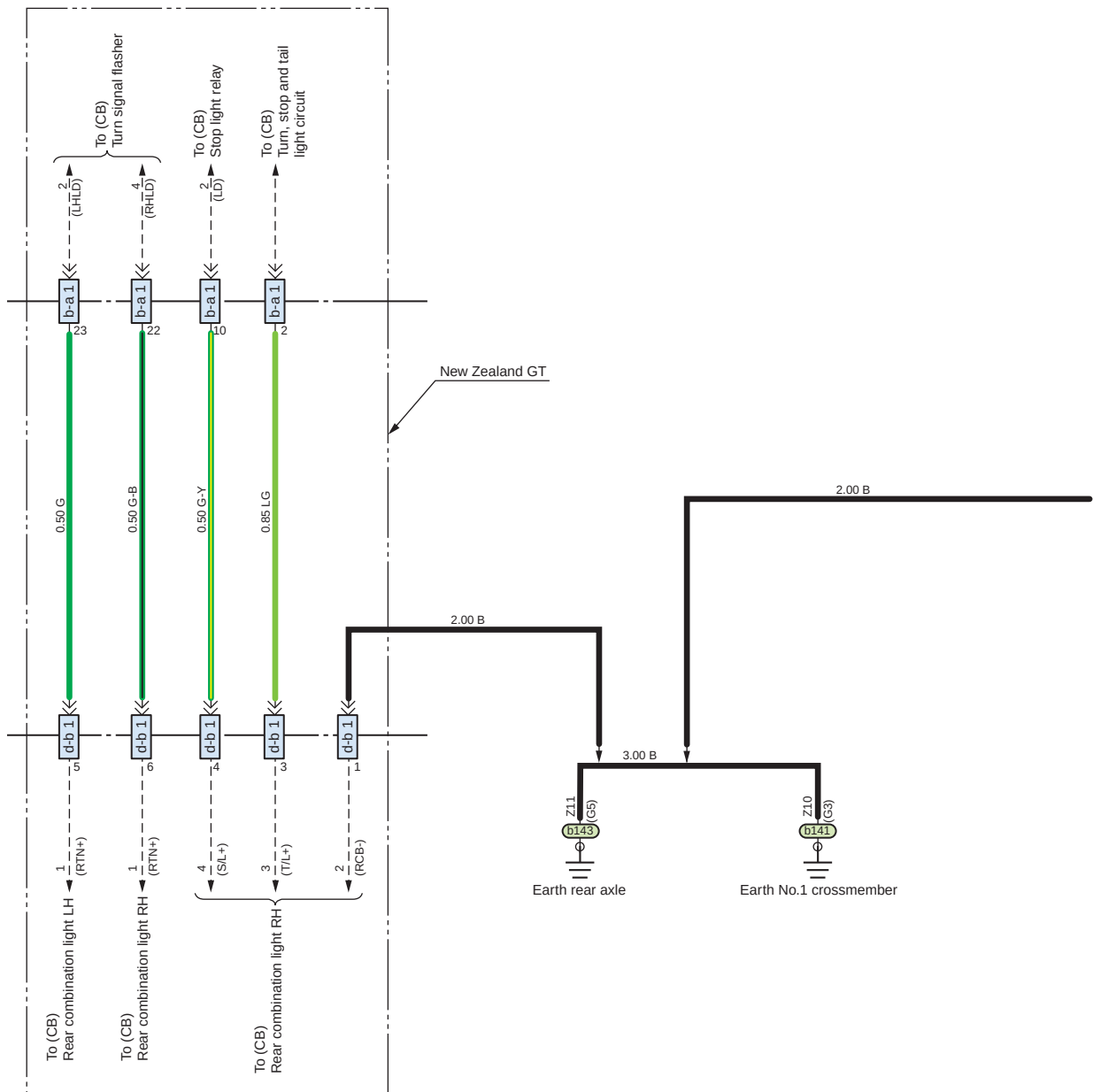


CONNECTORS FOR CIRCUIT "CC"





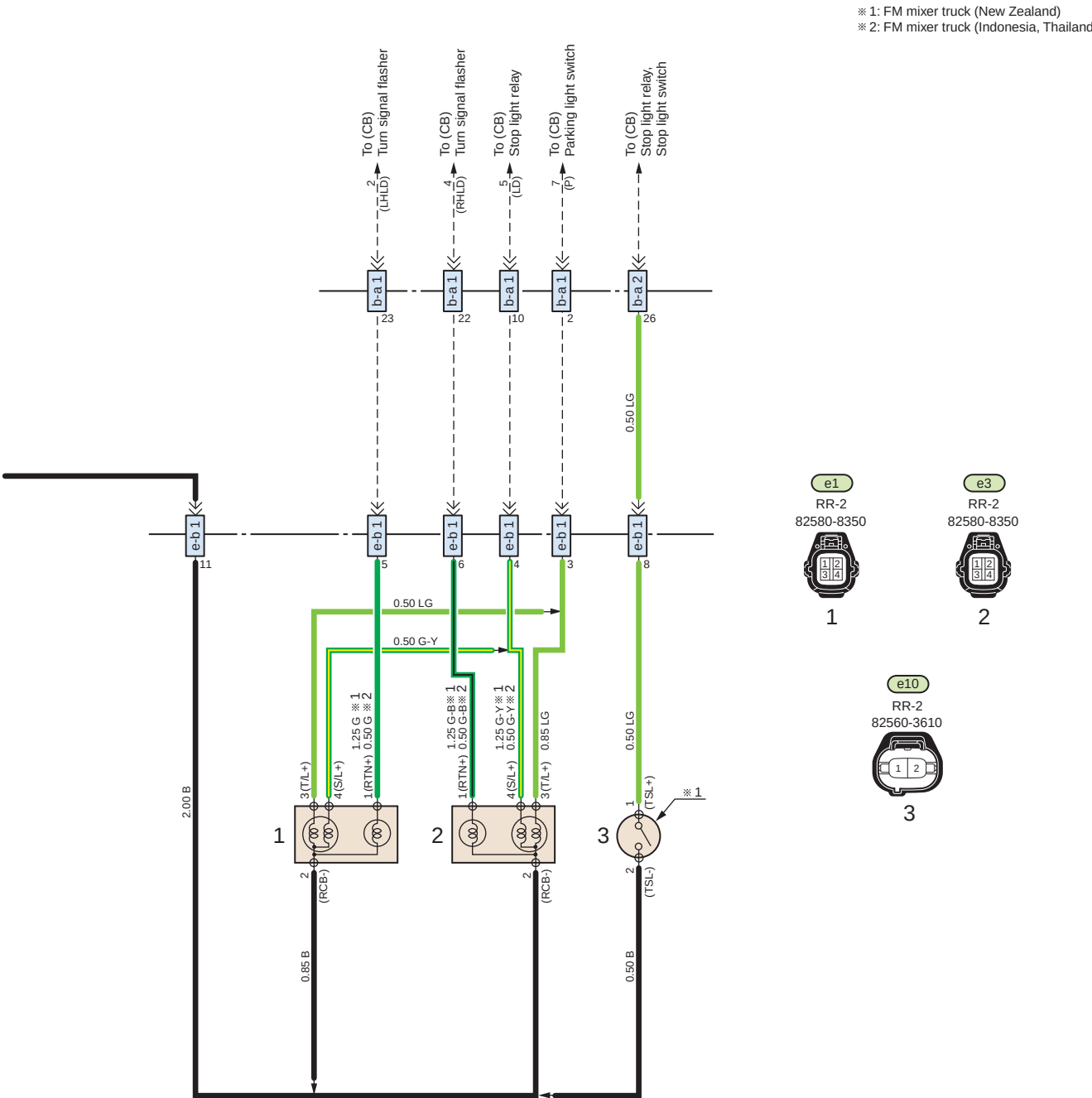
CHASSIS SIDE WIRING

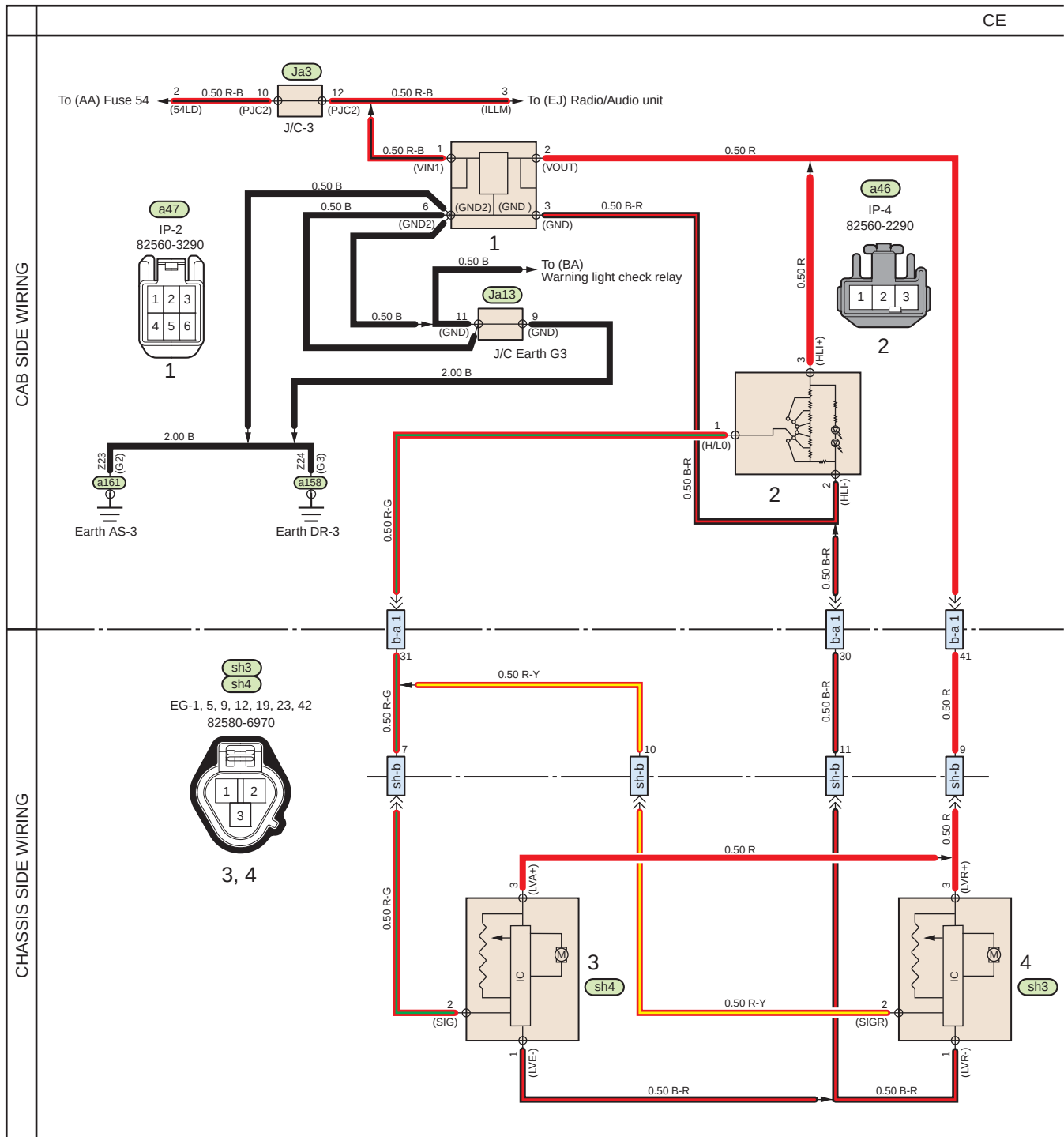


SHTS12Z160200047

CD. TURN, STOP AND TAIL LIGHT CIRCUIT [EXCEPT MODELS FOR AUSTRALIA AND IRELAND (2 of 2)]

1. Rear combination light LH
2. Rear combination light RH
3. Trailer stop light switch



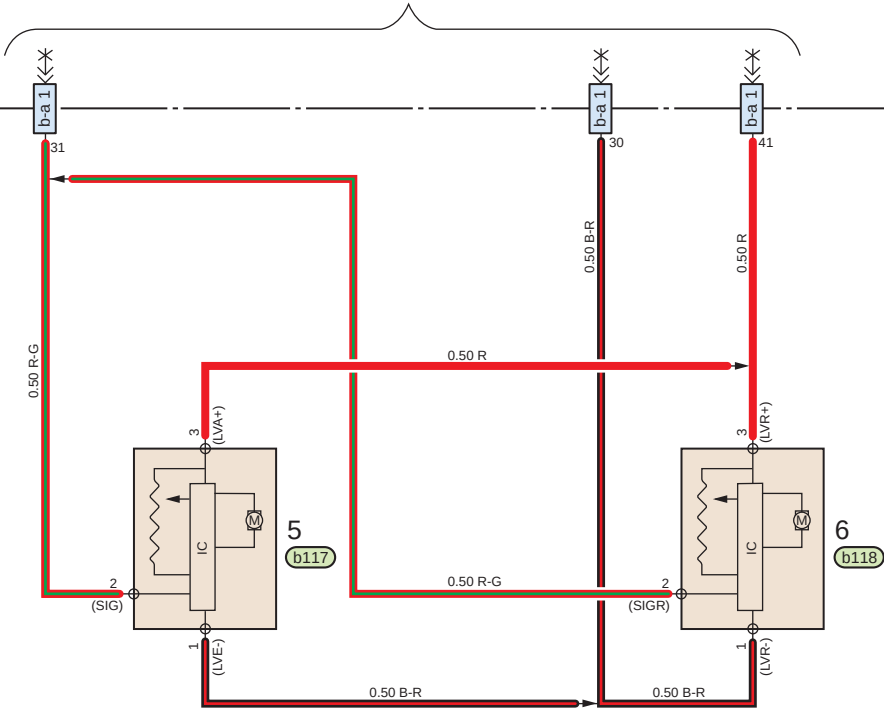


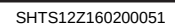
SHTS12Z160200049

CE. HEADLIGHT BEAM CONTROL CIRCUIT

1. DC/DC converter
2. Headlight beam control switch
3. Headlight beam control actuator LH
(On headlight W/H)
4. Headlight beam control actuator RH
(On headlight W/H)
5. Headlight beam control actuator LH (On front W/H)
6. Headlight beam control actuator RH (On front W/H)

SEE THE LEFT PAGE





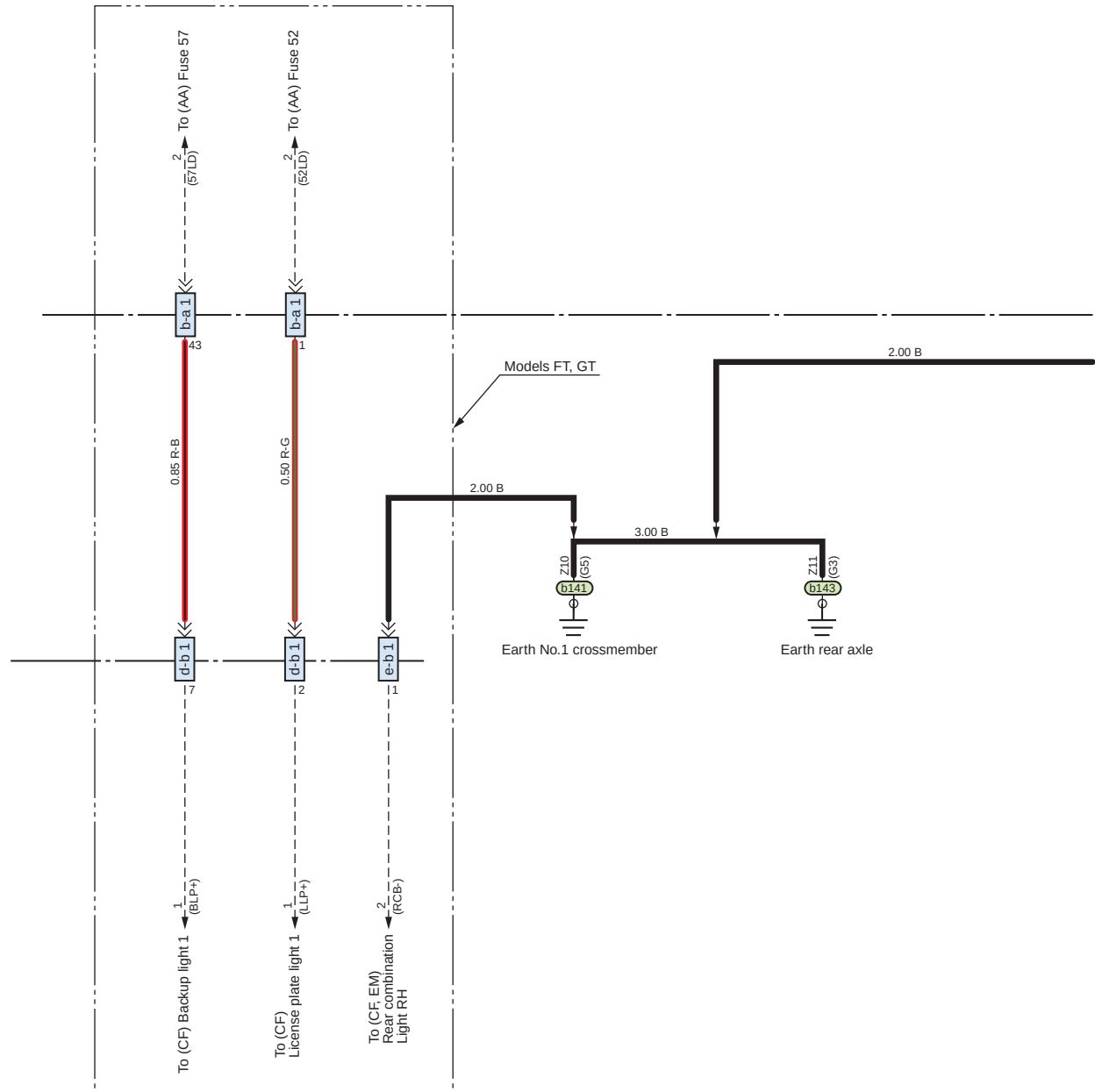
CF. BACKUP LIGHT CIRCUIT [MODELS WITH MANUAL TRANSMISSION (1 of 2)]

1. Backup light relay
2. Backup light switch
3. Back buzzer (Except tractor)
4. Backup light 1 (Except tractor)
5. Backup light 2
6. License plate light 2
7. License plate light 1 (Except tractor)
8. Backup light (Tractor)
9. Back buzzer (Tractor)
10. License plate light 1(Tractor)



1. Automatic transmission backup light relay

CHASSIS SIDE WIRING

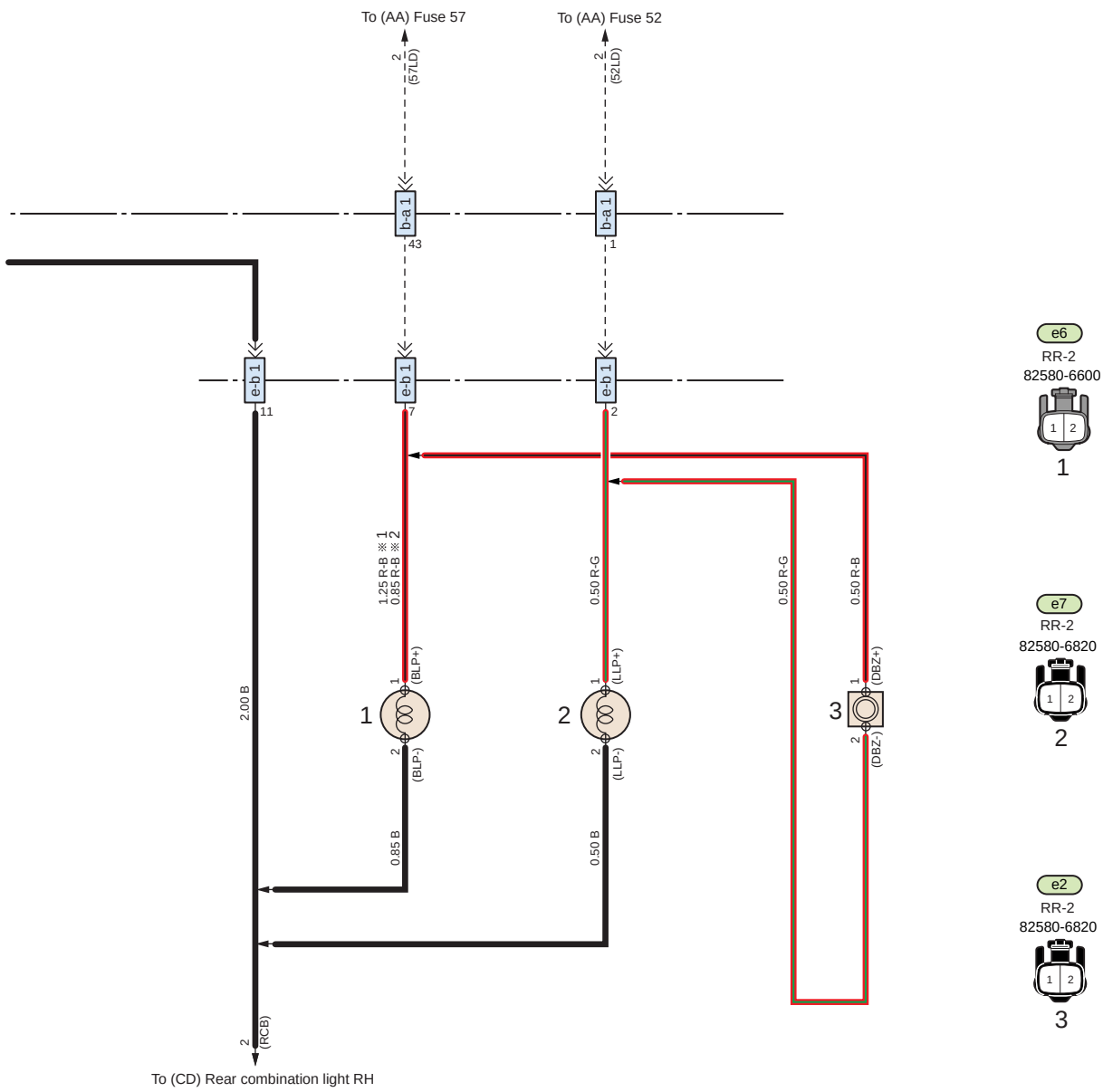


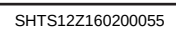
SHTS12Z160200053

CH. BACKUP LIGHT CIRCUIT (2 of 2)

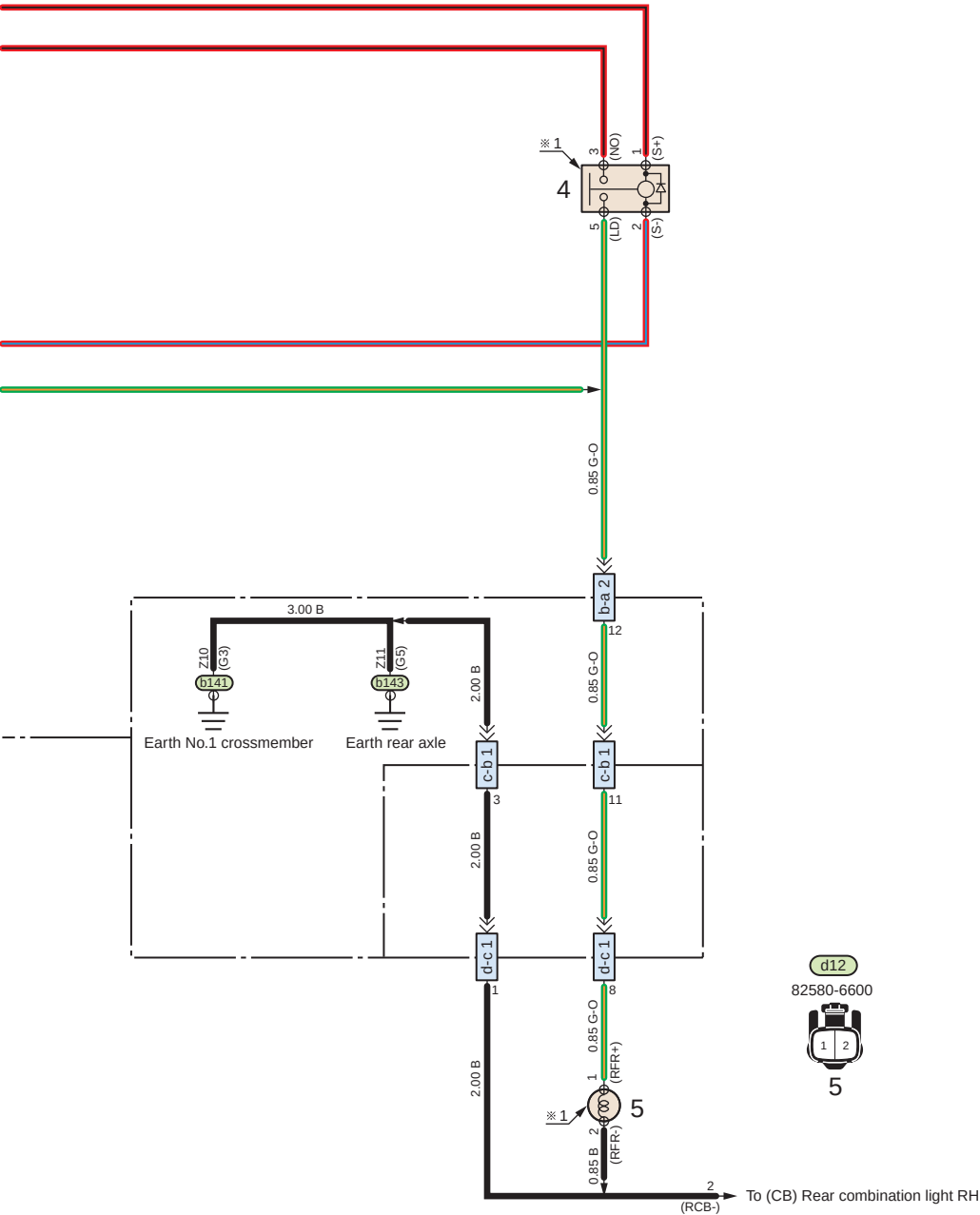
1. Backup light
2. License plate light
3. Back buzzer

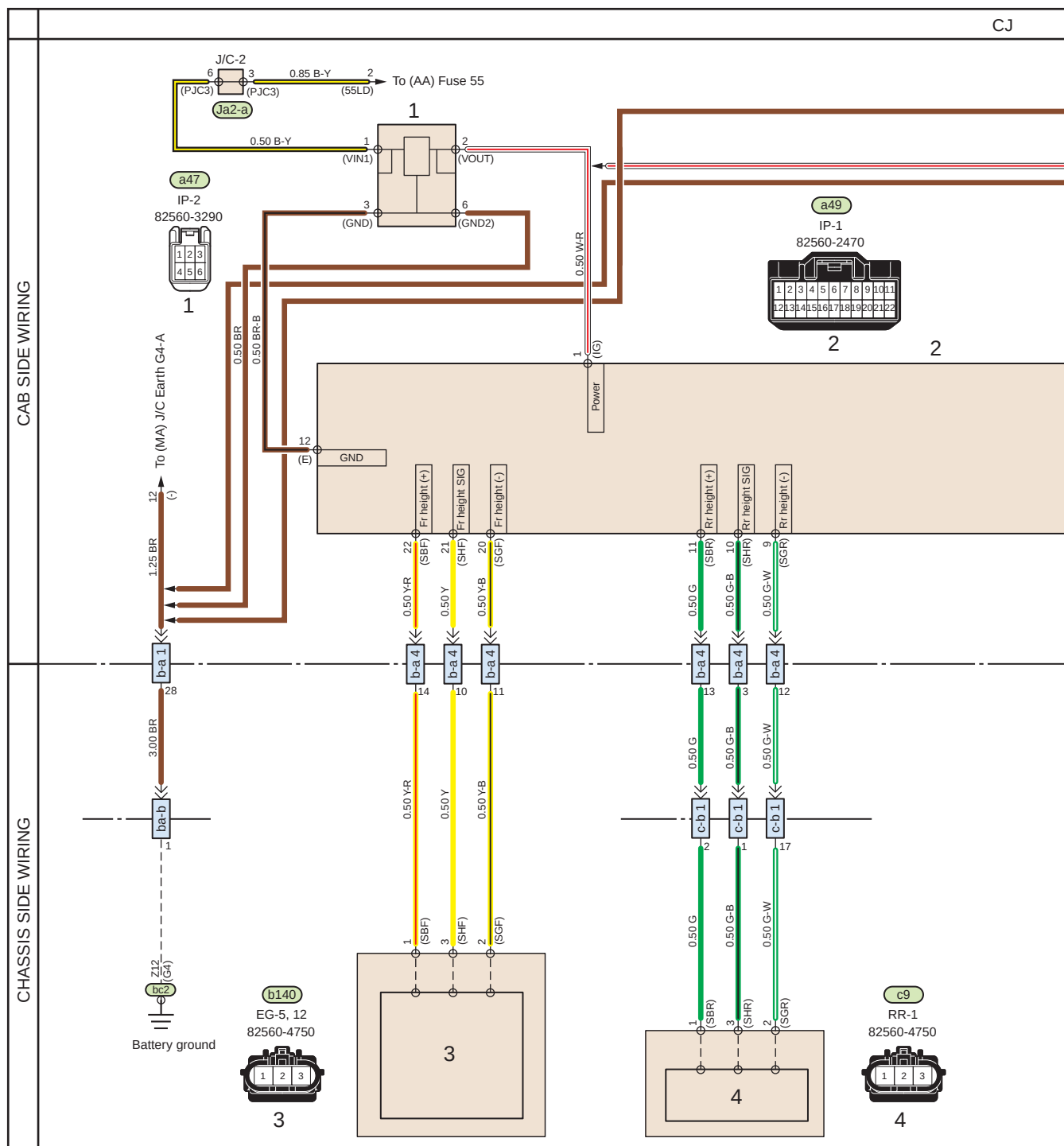
※ 1: FM mixer truck (New Zealand)
※ 2: FM mixer truck (Indonesia, Thailand)





1. Front fog light relay
2. Front fog light switch
3. Rear fog light switch
4. Rear fog light relay
5. Rear fog light

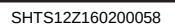




SHTS12Z160200057

CJ. HEADLIGHT AUTOLEVELING CIRCUIT

1. DC/DC converter (Leveling)
2. Autoleveling ECU
3. Vehicle height sensor (Front)
4. Vehicle height sensor (Rear)
5. Interface ECU
6. Headlight beam control actuator LH
7. Headlight beam control actuator RH

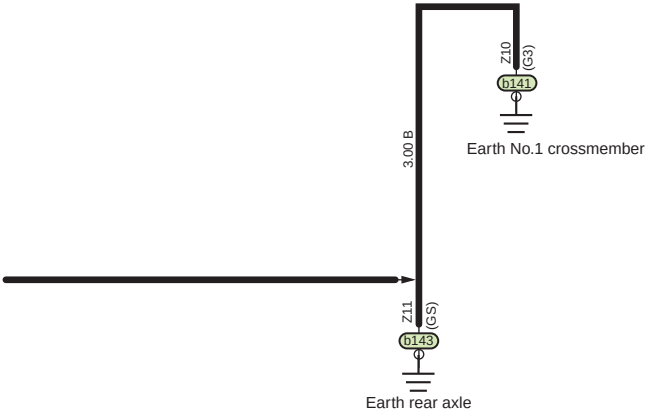




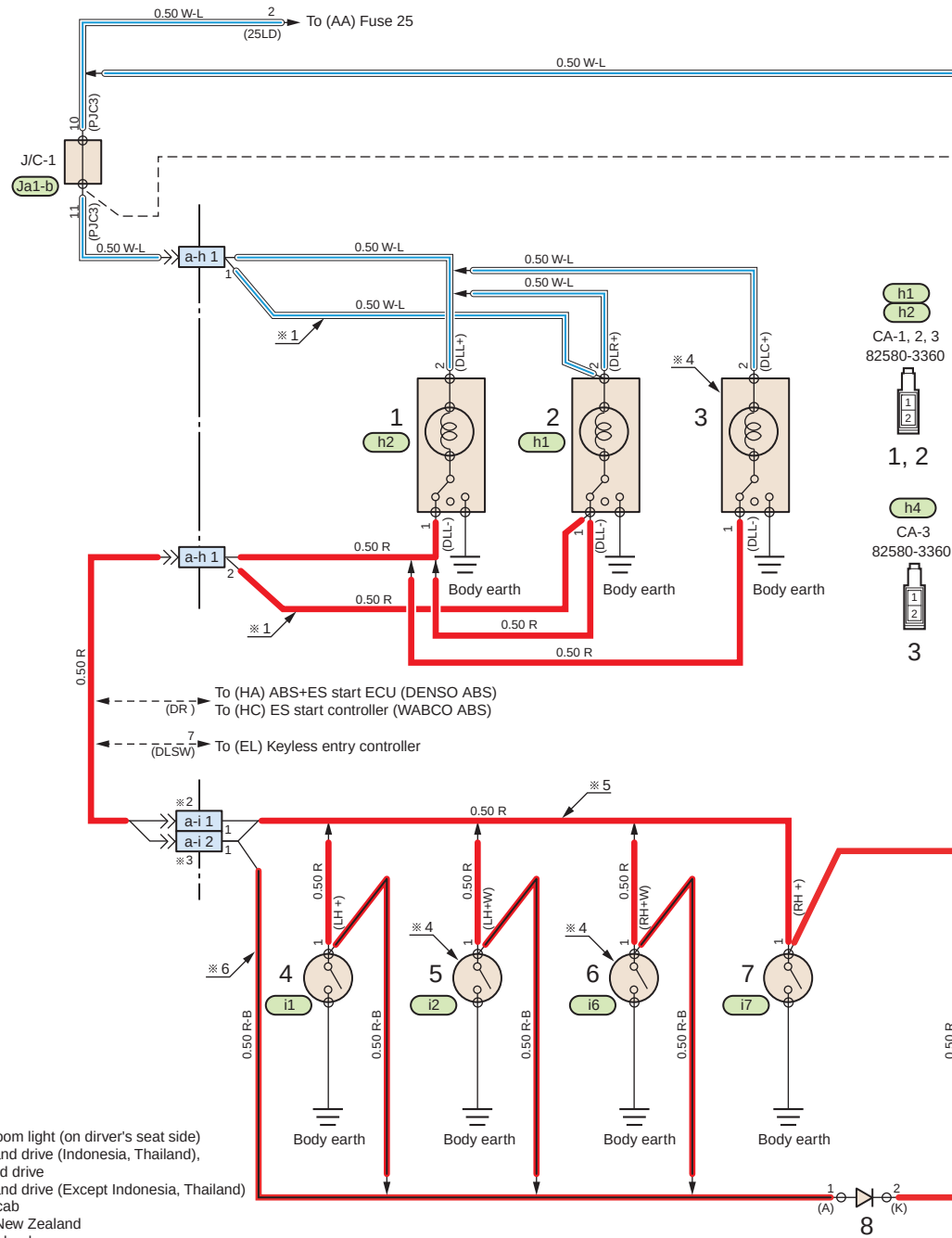
SHTS12Z160200059

CK. WORKING LIGHT CIRCUIT

1. Spot light switch
2. Spot light



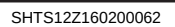
CAB SIDE WIRING

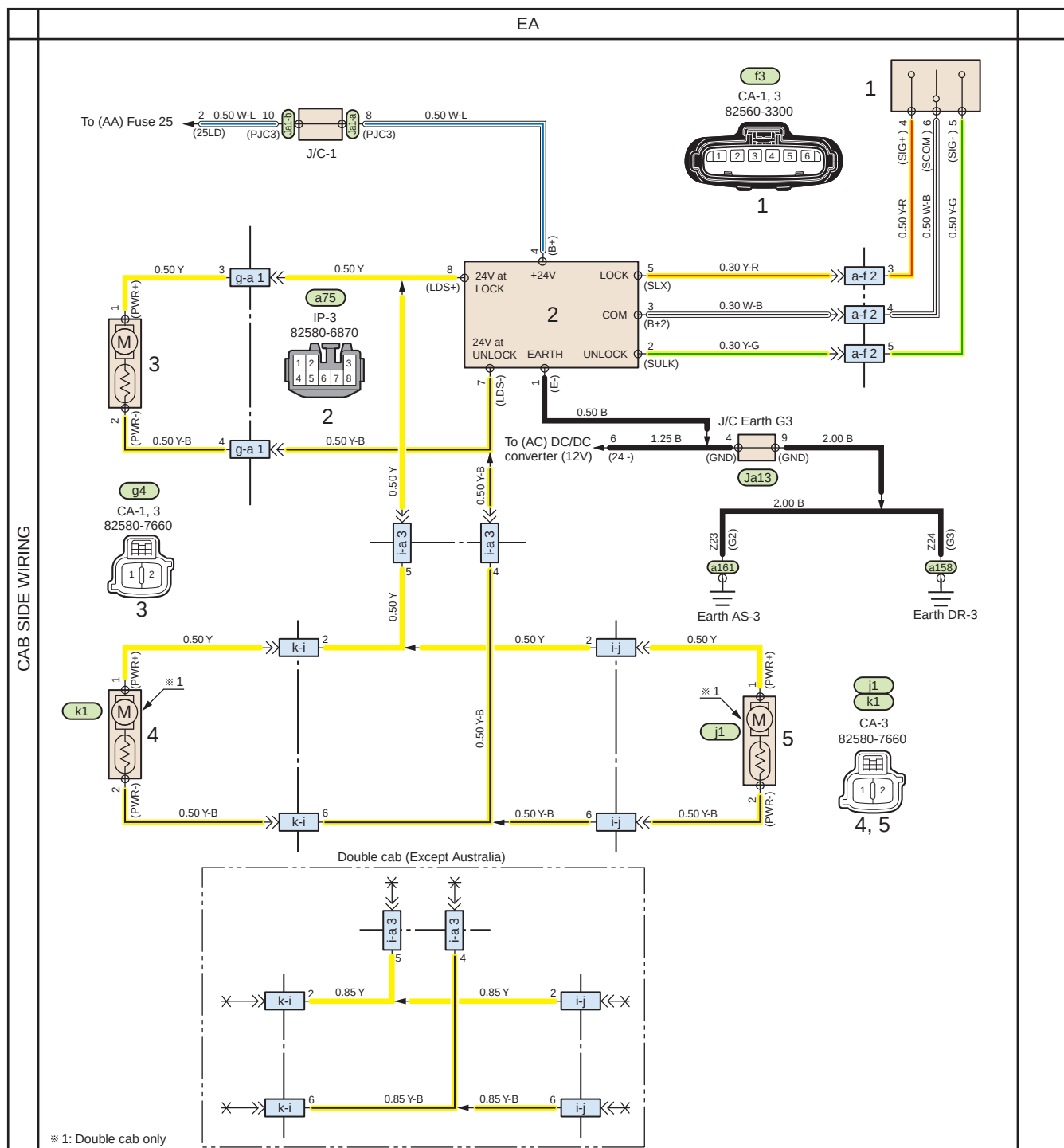


SHTS12Z160200061

DA. ROOM LIGHT CIRCUIT

1. Dome light (Front LH)
2. Dome light (Front RH)
3. Dome light (Rear)
4. Courtesy switch (Front LH)
5. Courtesy switch (Rear LH)
6. Courtesy switch (Rear RH)
7. Courtesy switch (Front RH)
8. Dome light diode
9. Fluorescent light
10. Fluorescent light switch
11. Dome light (Center)



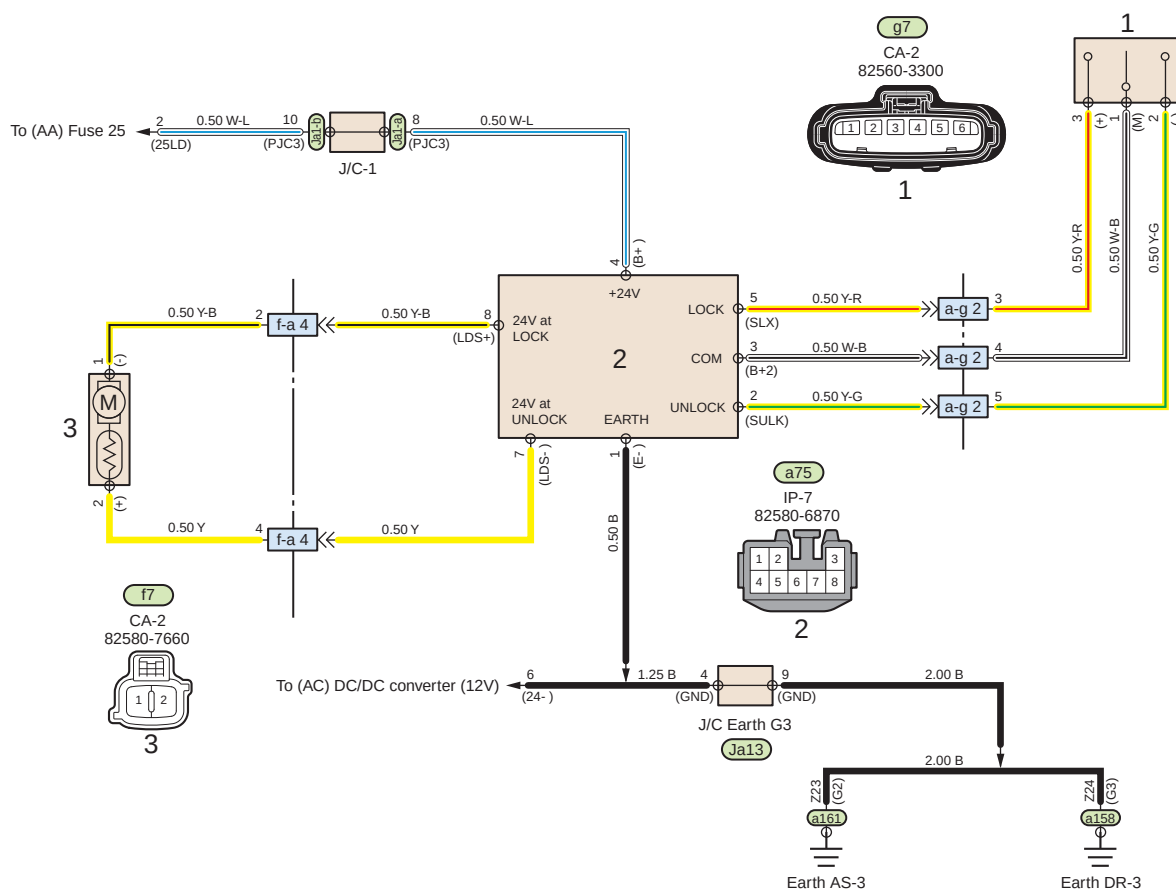


SHTS12Z160200063

EA. POWER DOOR LOCK CIRCUIT (MODELS FOR RIGHT-HAND DRIVE)

1. Power door lock switch (Driver's seat side)
2. Power door lock controller
3. Power door lock actuator (Passenger's seat side)
4. Power door lock actuator (Rear LH)
5. Power door lock actuator (Rear RH)

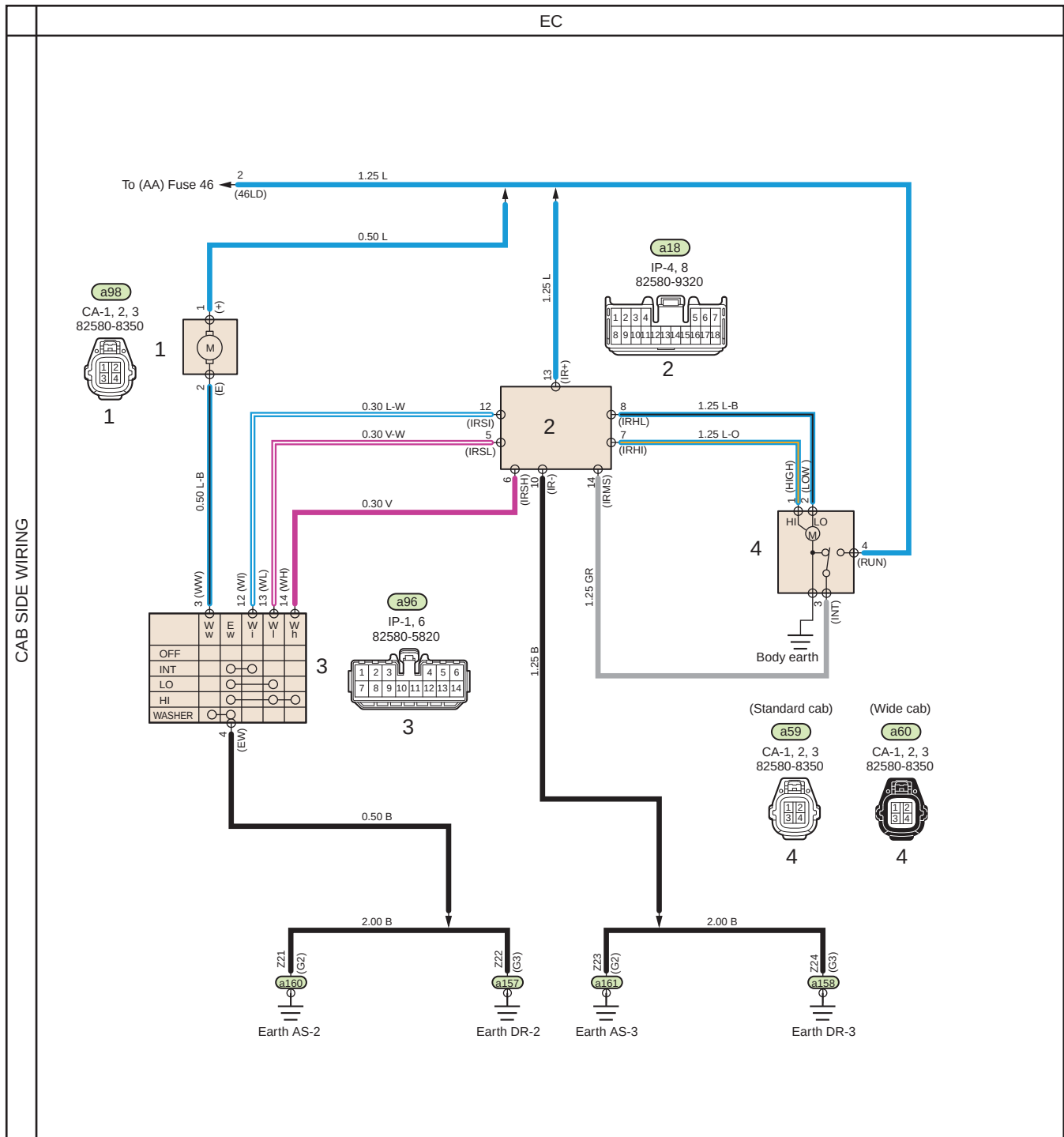
EB



SHTS12Z160200064

EB. POWER DOOR LOCK CIRCUIT (MODELS FOR LEFT-HAND DRIVE)

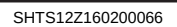
1. Power door lock switch (Driver's seat side)
2. Power door lock controller
3. Power door lock actuator (Passenger's seat side)



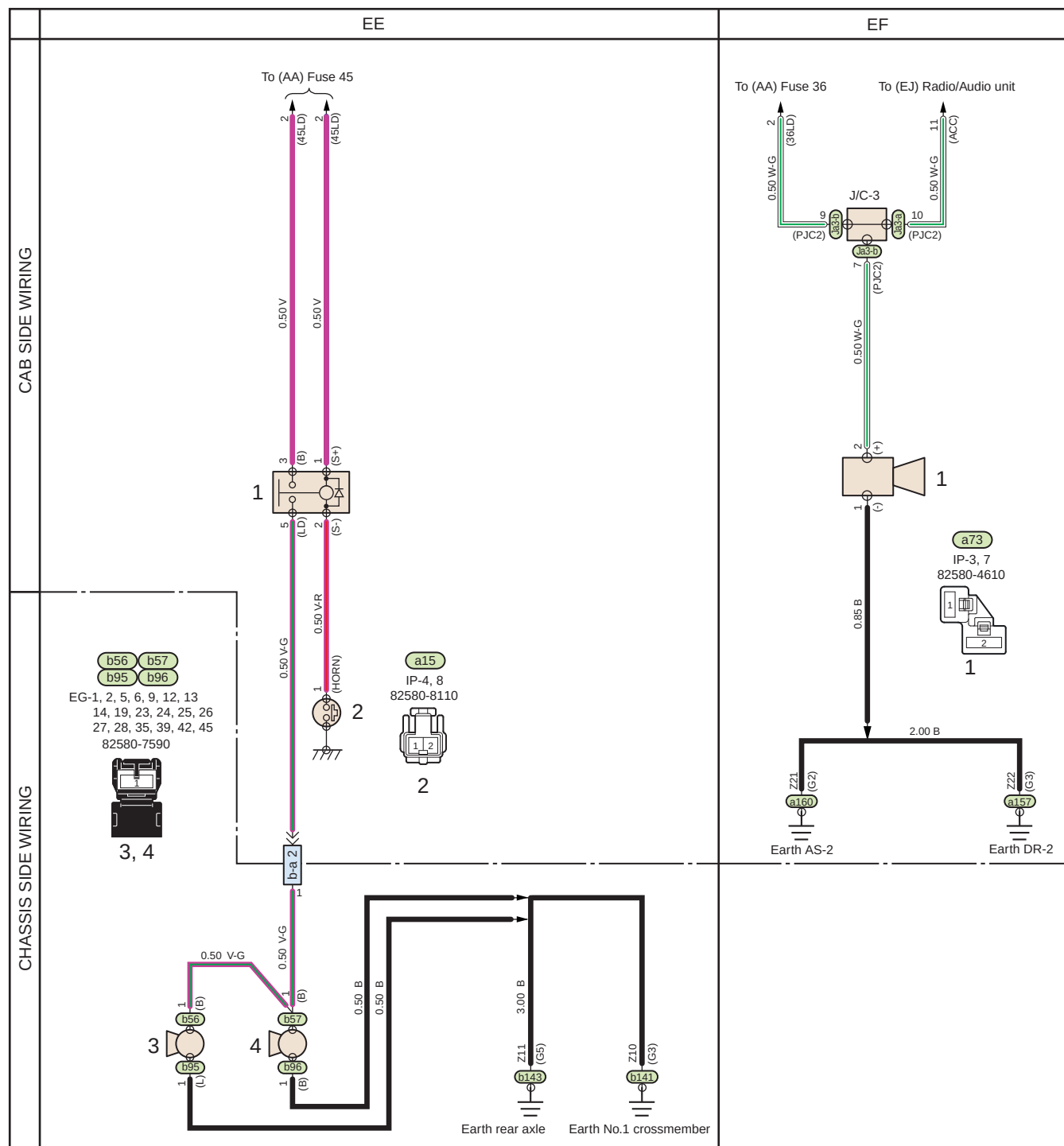
SHTS12Z160200065

EC. WINDSHIELD WIPER AND WASHER CIRCUIT

1. Washer pump motor
2. Wiper controller
3. Wiper and retarder switch
4. Wiper motor



1. Power mirror switch
2. Power mirror relay
3. Power mirror motor



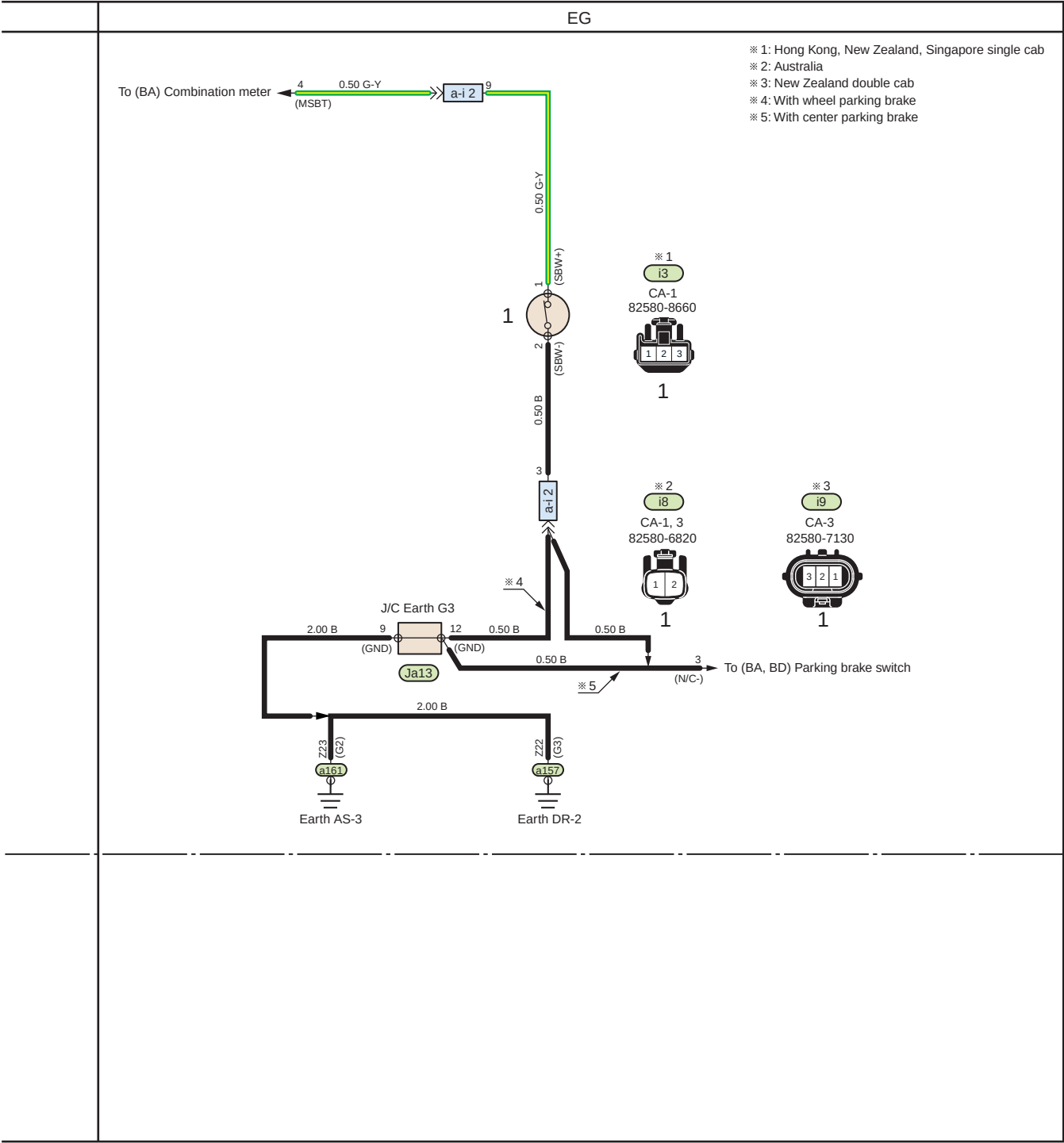
SHTS12Z160200067

EE. HORN CIRCUIT

1. Horn relay
2. Horn switch
3. Horn (High)
4. Horn (Low)

EF. CIGARETTE LIGHTER CIRCUIT

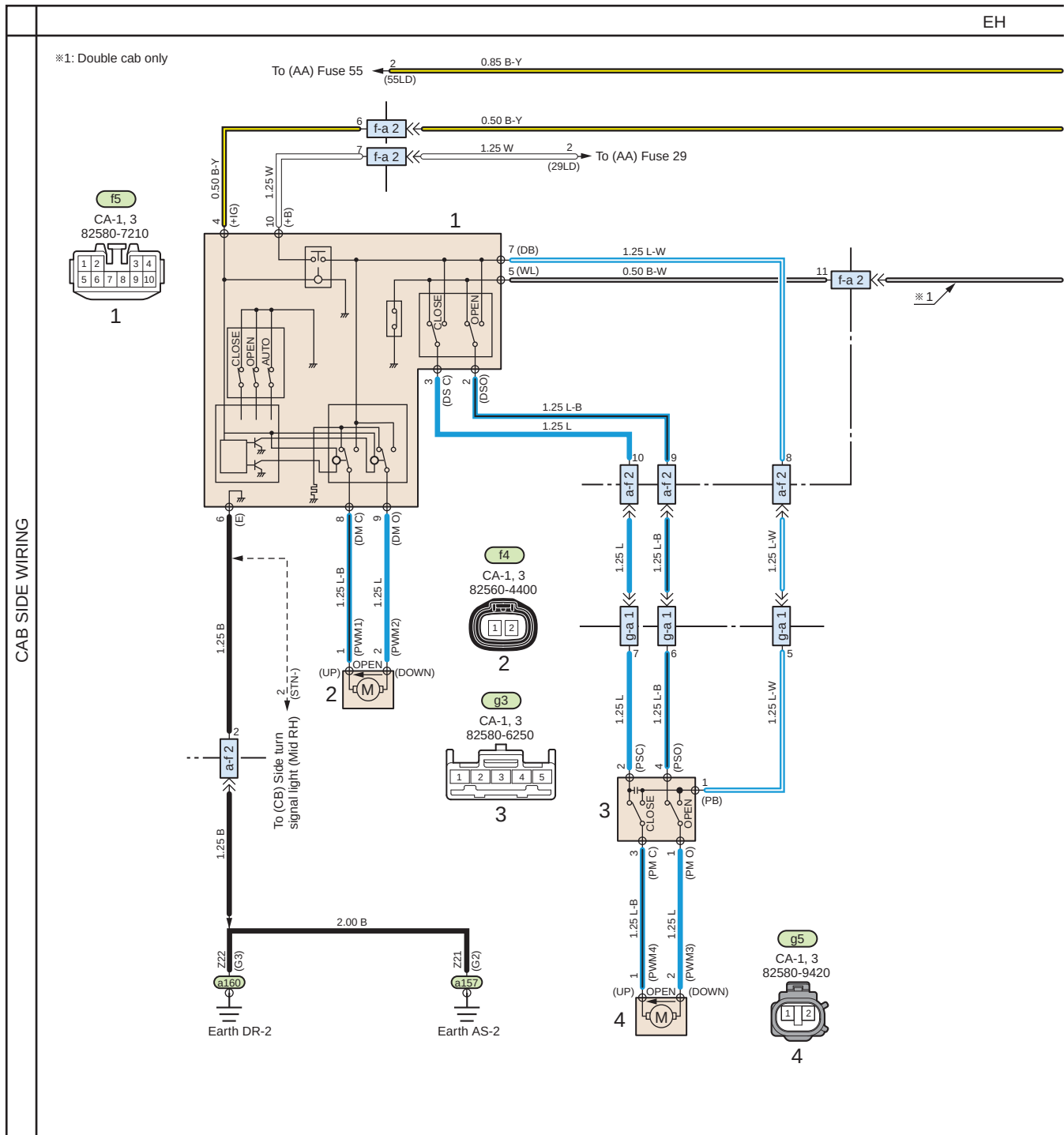
1. Cigarette lighter



SHTS12Z160200068

EG. SEAT BELT WARNING CIRCUIT

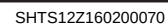
1. Seat belt switch



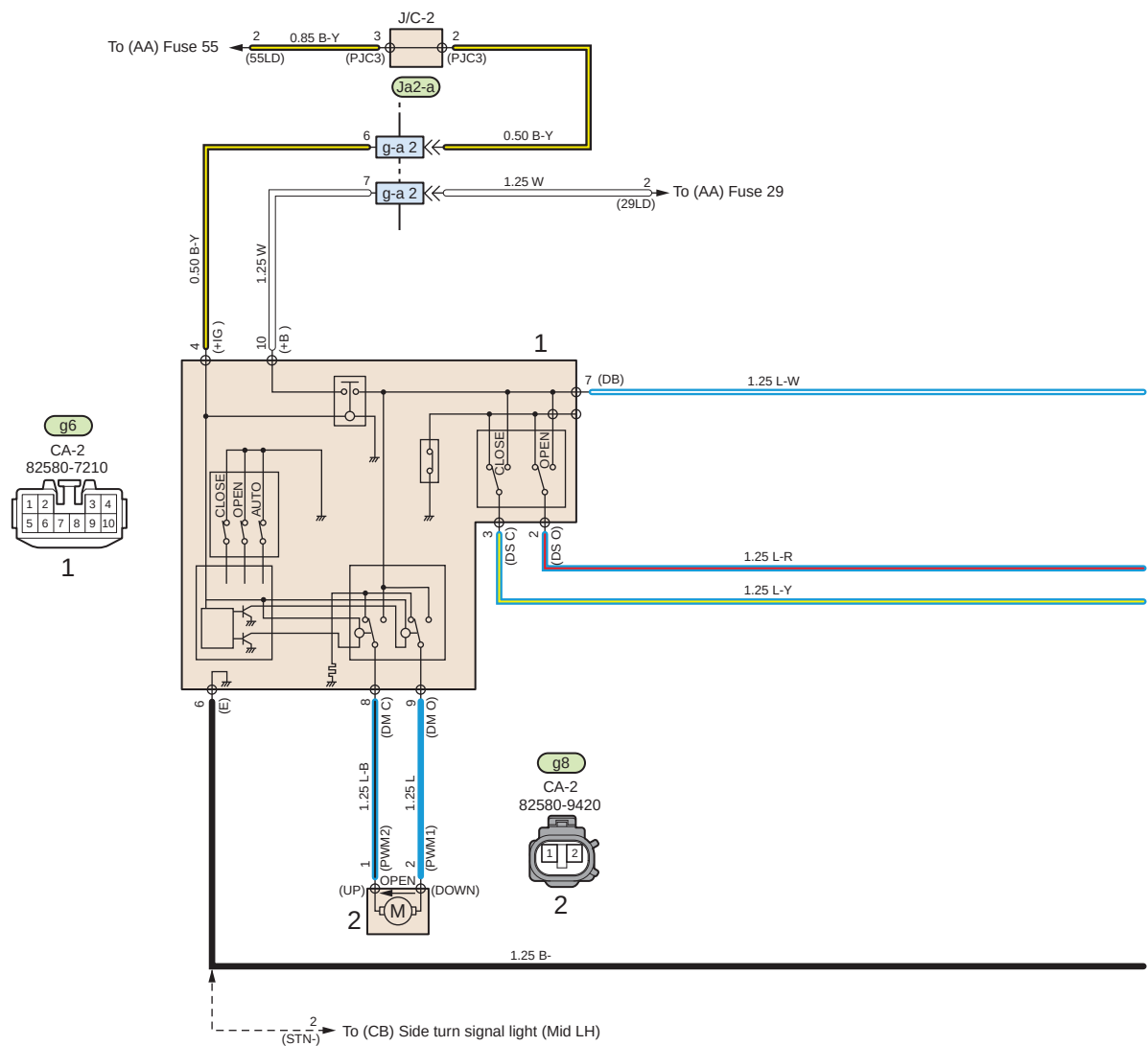
SHTS12Z160200069

EH. POWER WINDOW CIRCUIT (MODELS FOR RIGHT-HAND DRIVE)

1. Power window switch (Driver's seat side)	7. Power window switch
2. Power window motor (Driver's seat side)	[For rear LH (Driver's seat side)]
3. Power window switch (Passenger's seat side)	8. Power window switch [For rear RH (Rear seat side)]
4. Power window motor (Passenger's seat side)	9. Power window switch [For rear LH (Rear seat side)]
5. Rear power window relay	10. Power window motor (Rear RH)
6. Power window switch	11. Power window motor (Rear LH)
[For rear RH (Driver's seat side)]	



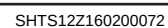
CAB SIDE WIRING

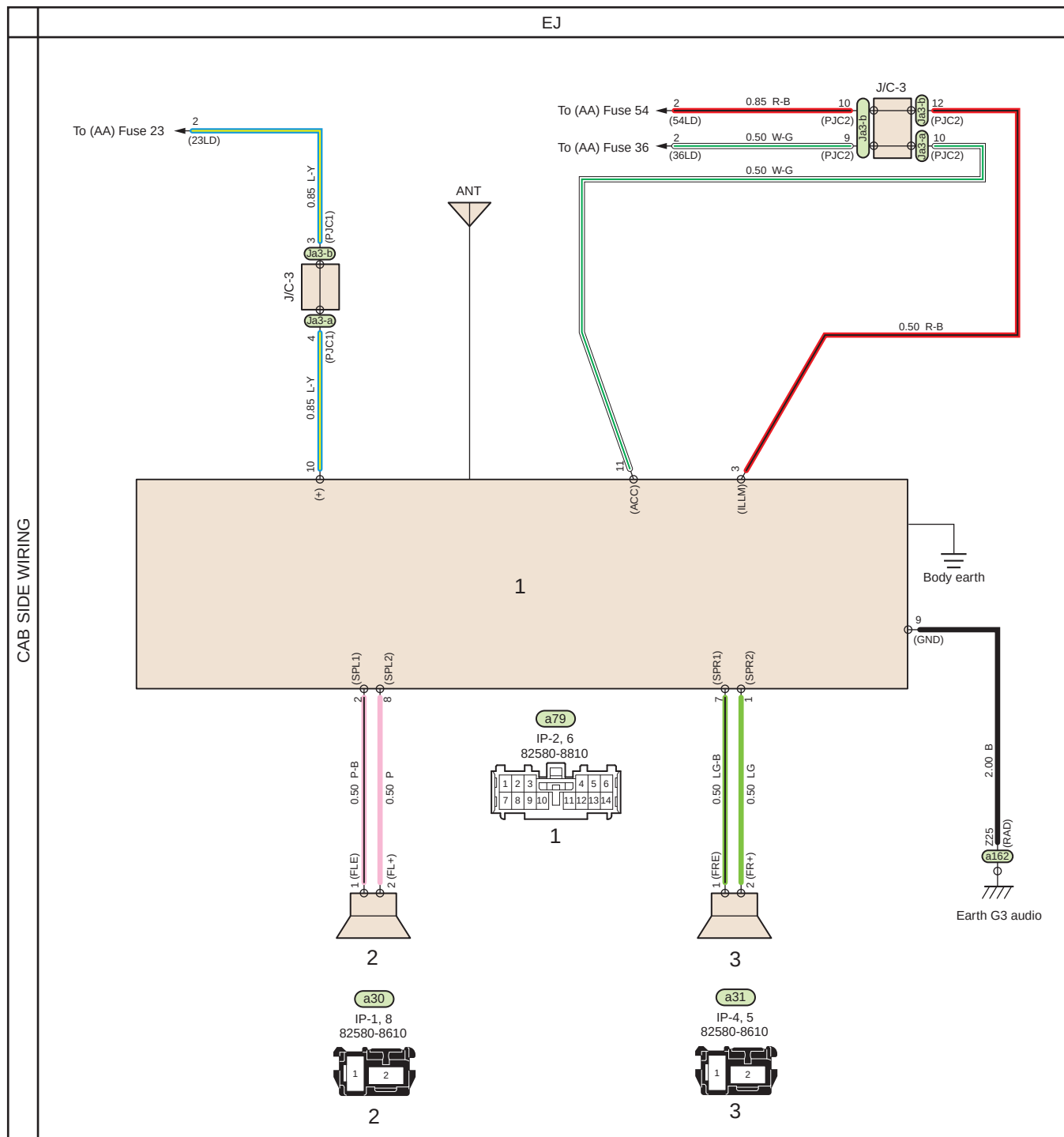


SHTS12Z160200071

EI. POWER WINDOW CIRCUIT (MODELS FOR LEFT-HAND DRIVE)

1. Power window switch (Driver's seat side)
2. Power window motor (Driver's seat side)
3. Power window switch (Passenger's seat side)
4. Power window motor (Passenger's seat side)

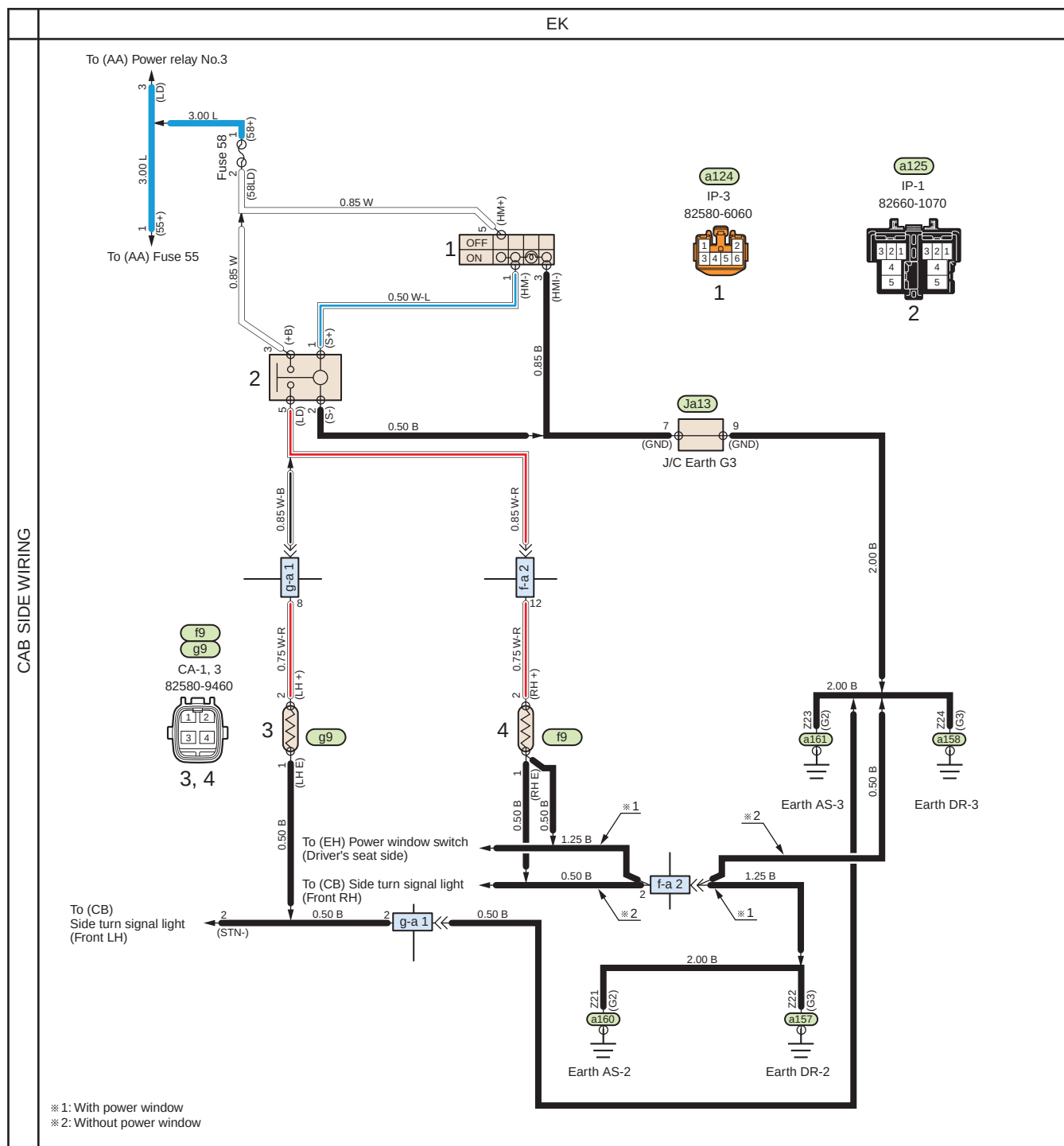




SHTS12Z160200073

EJ. RADIO/AUDIO CIRCUIT

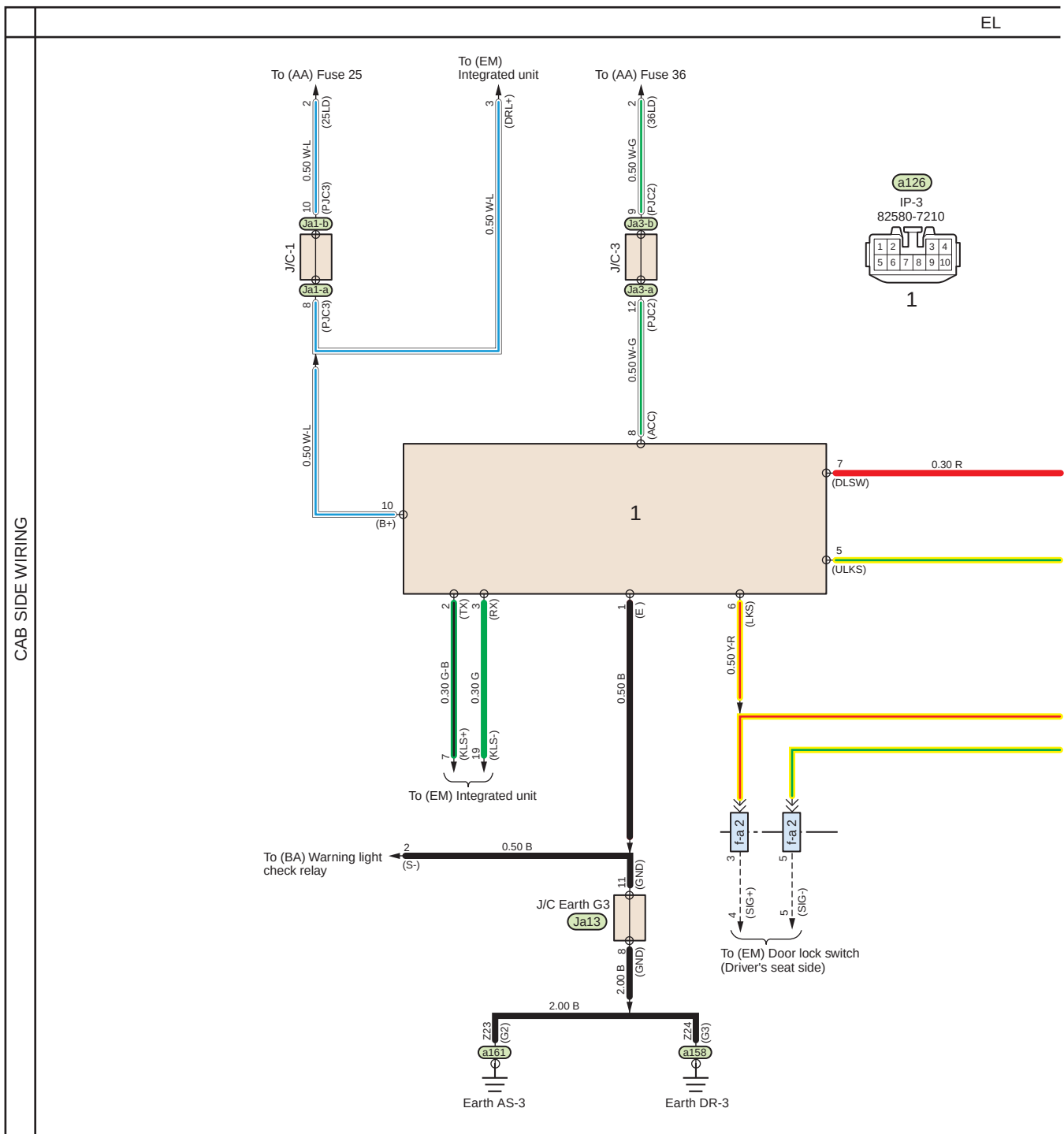
1. Radio/Audio unit
2. Front speaker LH
3. Front speaker RH



SHTS12Z160200074

EK. MIRROR HEATER CIRCUIT

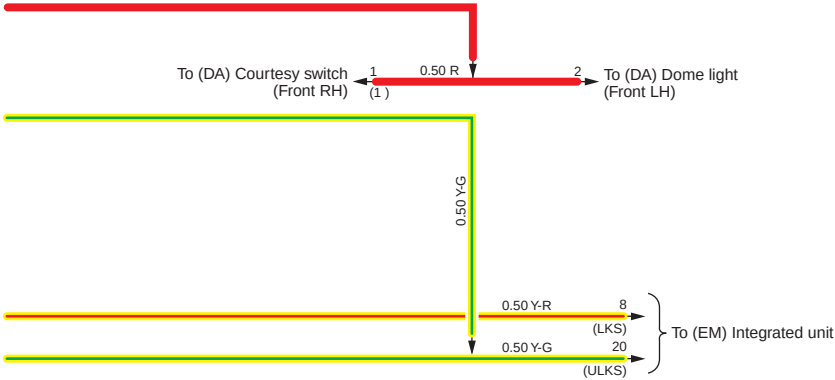
1. Mirror heater switch
2. Mirror heater relay
3. Mirror heater LH
4. Mirror heater RH

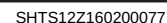


SHTS12Z160200075

EL. KEYLESS ENTRY CIRCUIT

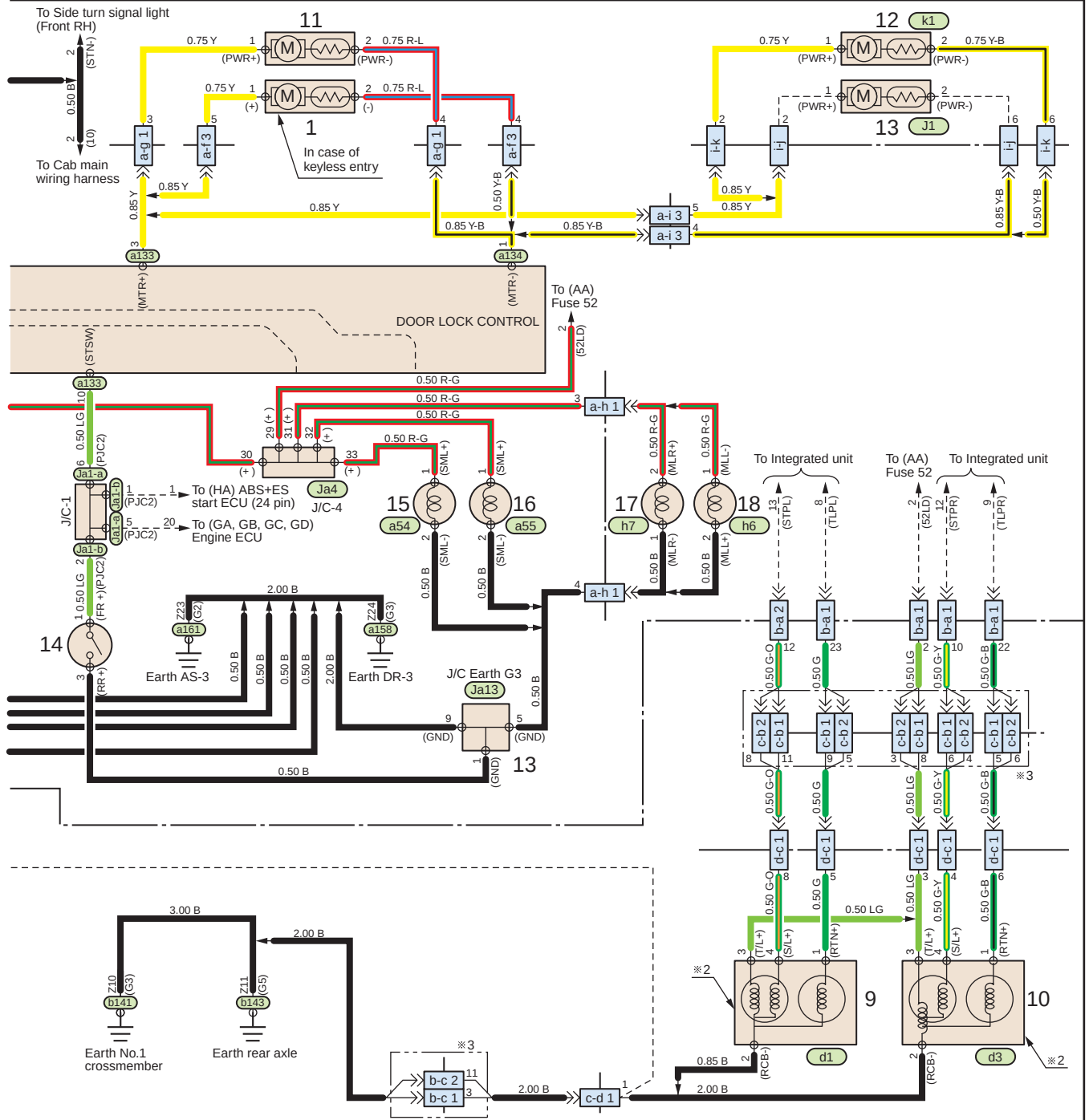
1. Keyless entry controller





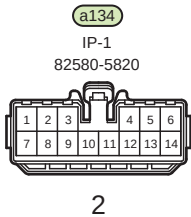
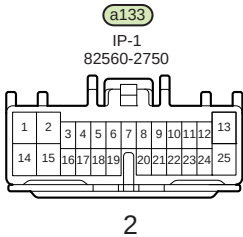
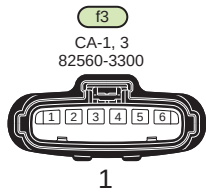
1. Power door lock switch (Driver's seat side)
2. Integrated unit
3. Light and turn switch
4. Wiper and retarder switch
5. Side turn signal light (Front LH)
6. Turn signal light (Front LH)
7. Turn signal light (Front RH)
8. Side turn signal light (Front RH)
9. Rear combination light LH

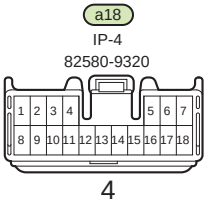
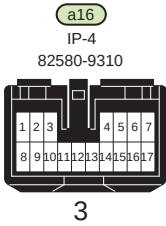
10. Rear combination light RH
11. Power door lock actuator (Passenger's seat side)
12. Power door lock actuator (Rear LH)
13. Power door lock actuator (Rear RH)
14. Stop light switch
15. Side marker light LH
16. Side marker light RH
17. Front endout marker light RH
18. Front endout marker light LH

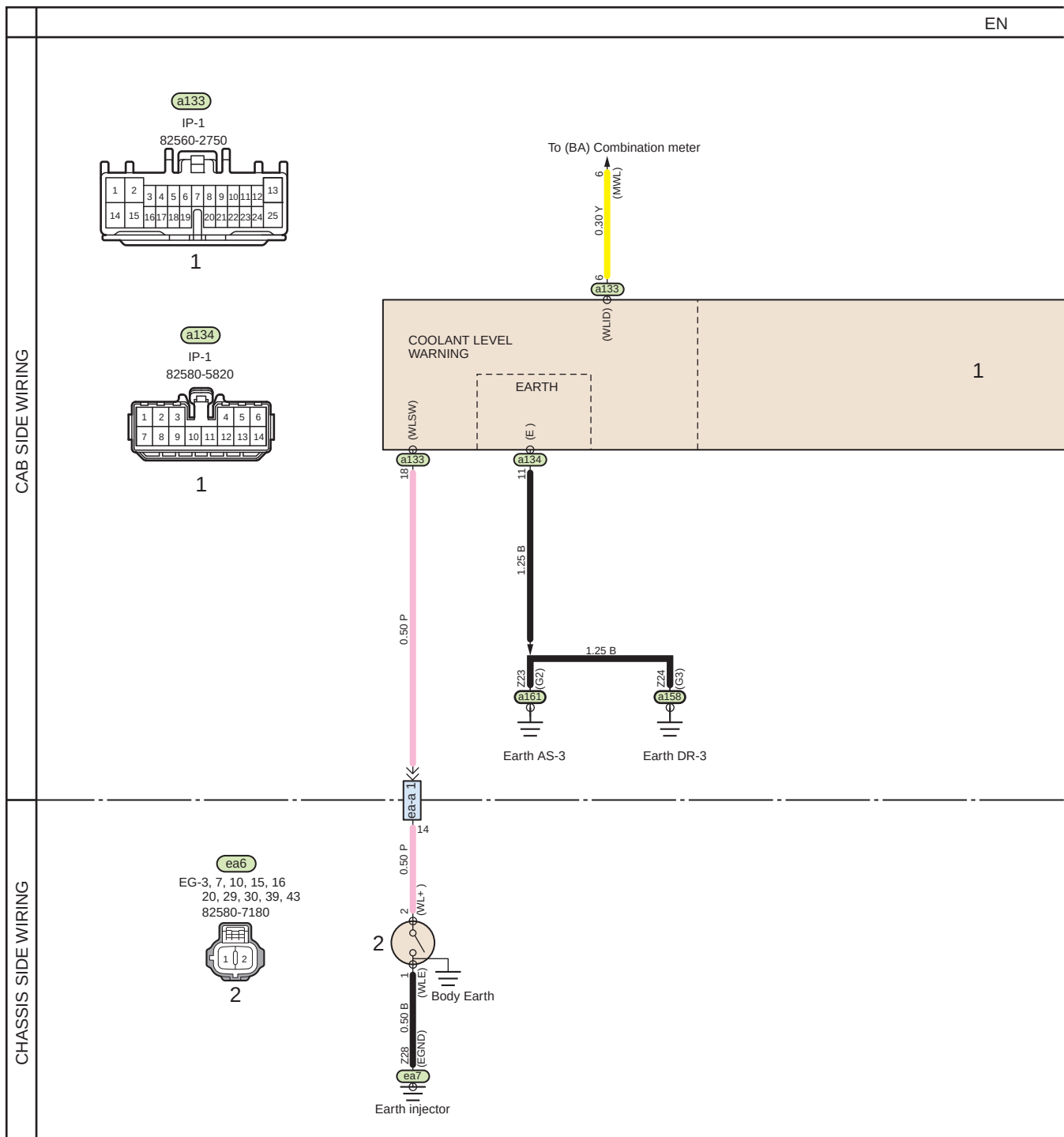


SHTS12Z160200078

CONNECTORS FOR CIRCUIT "EM"



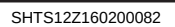


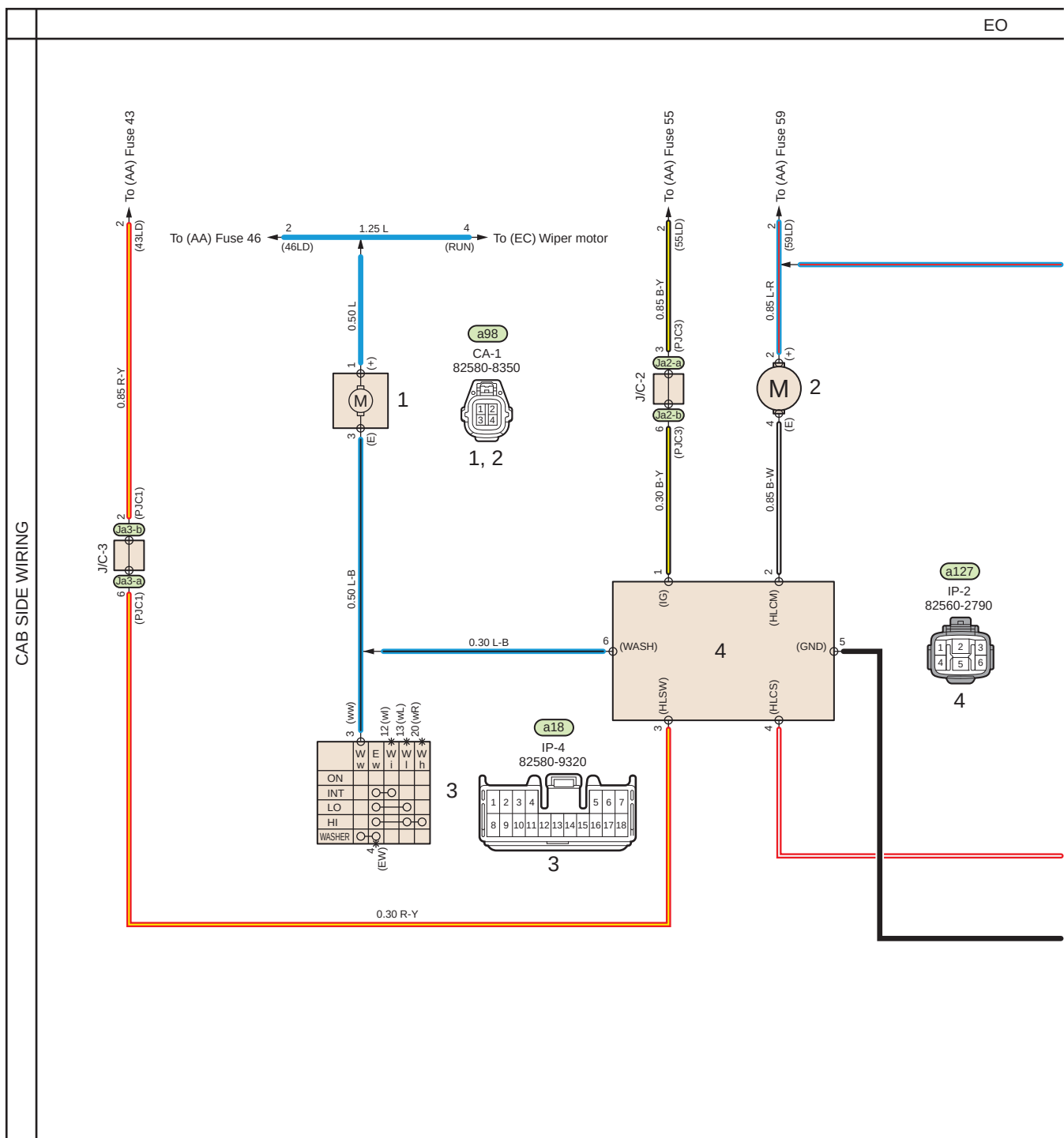


SHTS12Z160200081

EN. INTEGRATED UNIT CIRCUIT (2 of 2)

1. Integrated unit
2. Coolant level switch
3. Wiper and retarder switch
4. Wiper motor
5. Washer pump motor

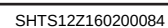


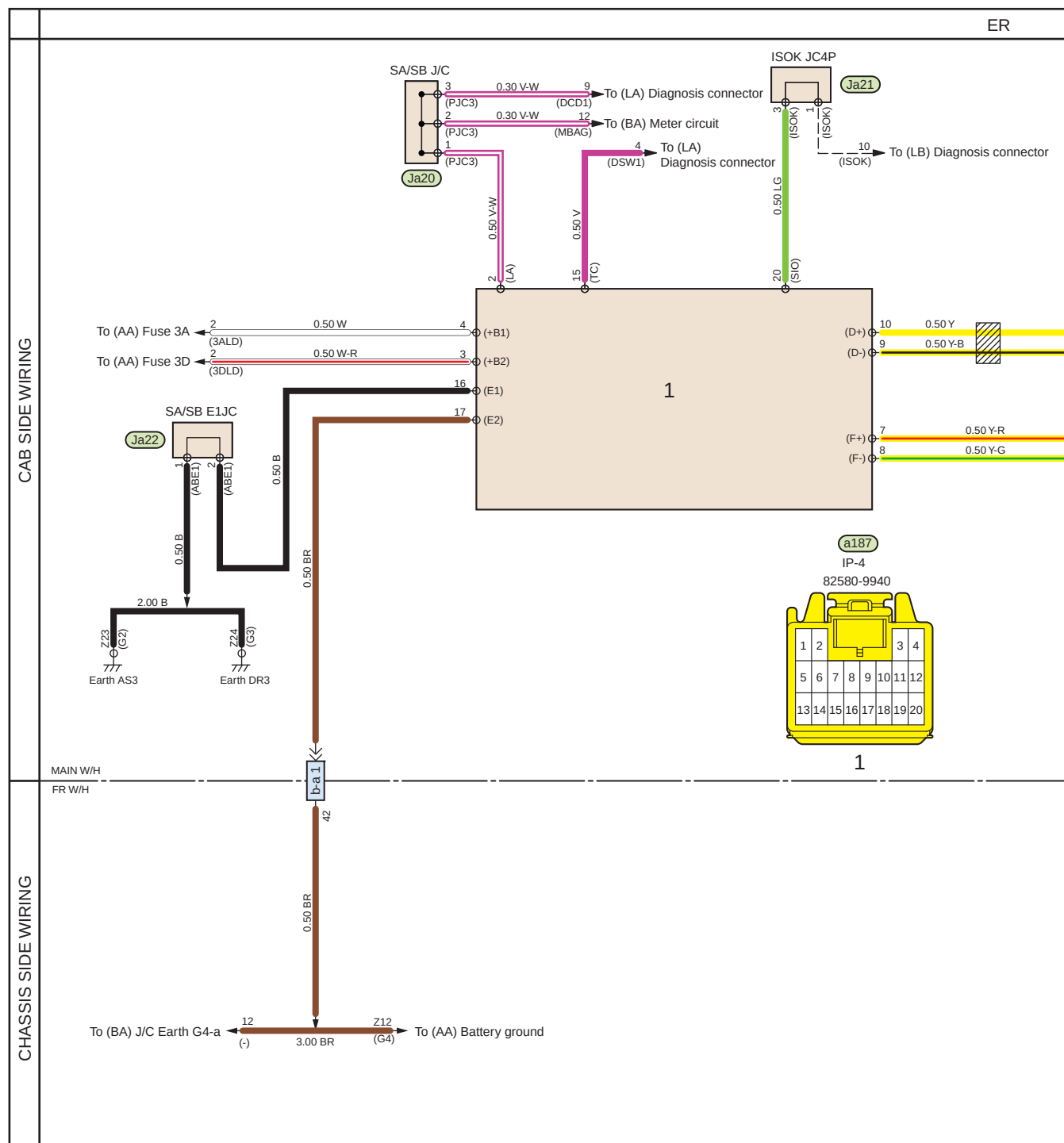


SHTS12Z160200083

EO. HEADLIGHT WASHER CIRCUIT

1. Washer pump motor
2. Headlight washer pump motor
3. Wiper and retarder switch
4. Headlight washer control relay
5. Headlight washer switch

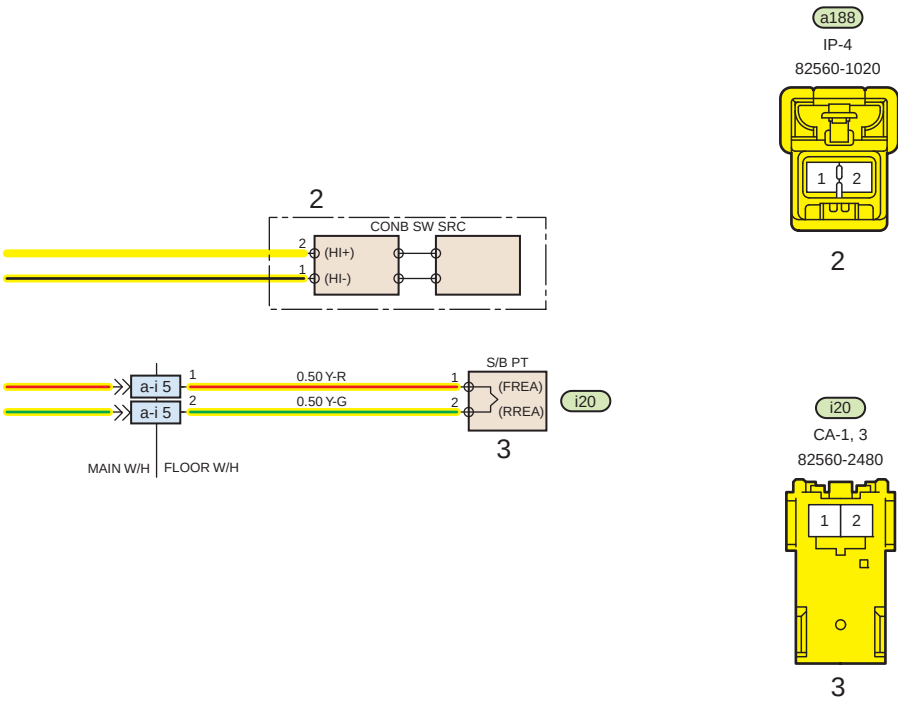


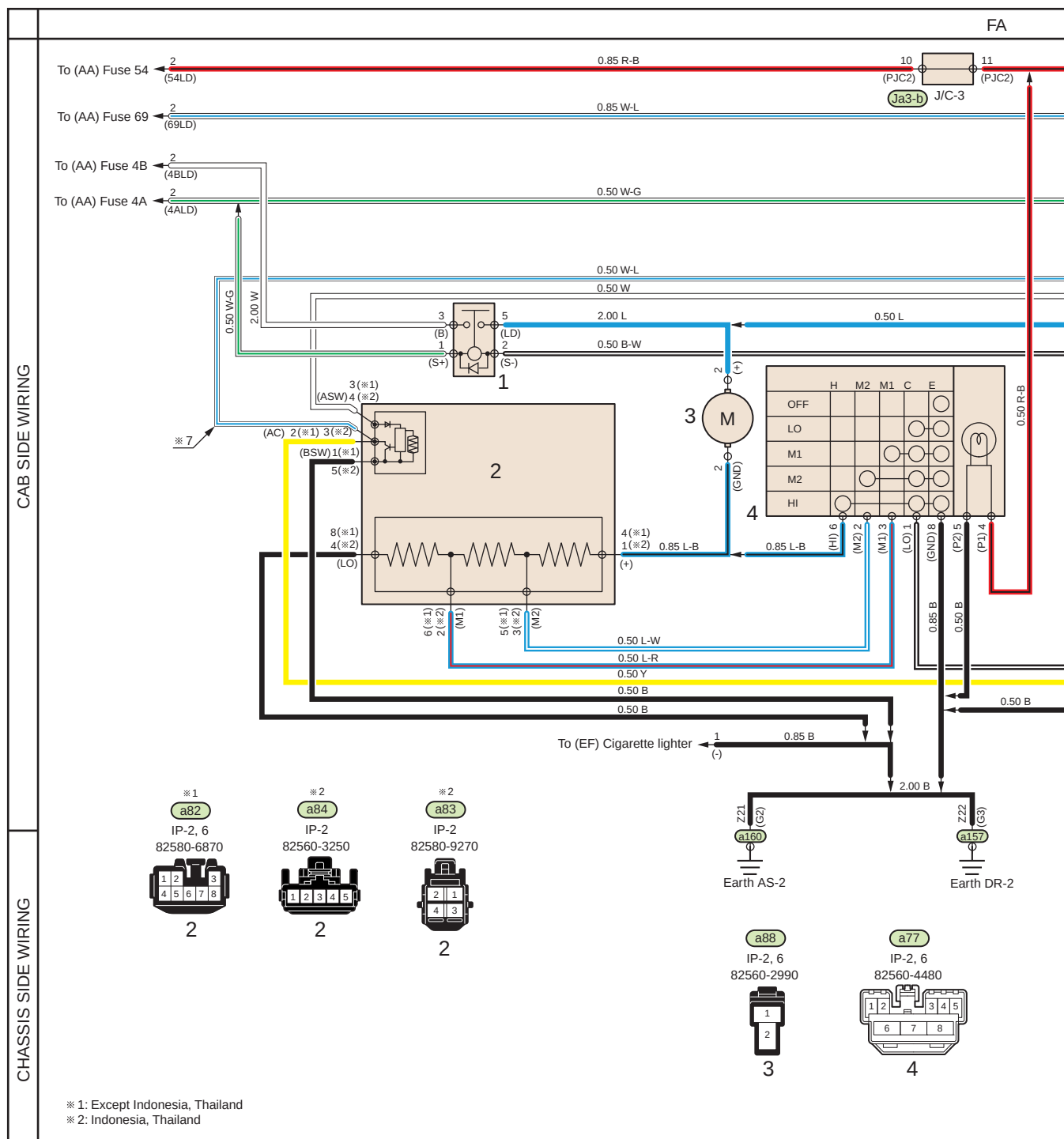


SHTS12Z160200085

ER. AIR BAG CIRCUIT

1. Air bag ECU
2. Combination switch (SRC)
3. Wiper and retarder switch
4. Seat belt pretensioner

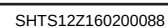


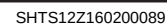


SHTS12Z160200087

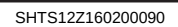
FA. AIR CONDITIONER CIRCUIT

1. Heater relay
2. Air conditioner unit
3. Blower motor
4. Blower switch
5. Air conditioner switch
6. Air conditioner relay
7. Air conditioner condenser relay
8. Lock amp
9. Air conditioner diode
10. Pressure switch (Triple)
11. Air conditioner condenser diode
12. Air conditioner condenser
13. Air conditioner compressor



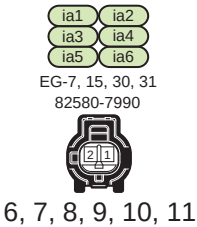
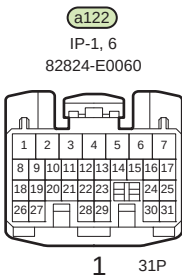
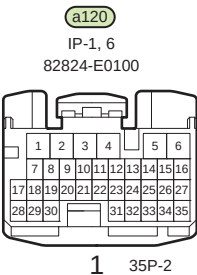
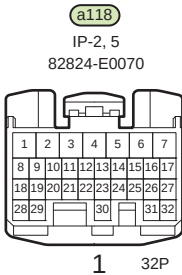
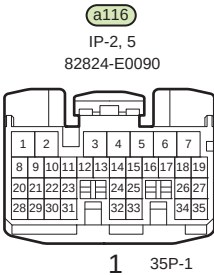
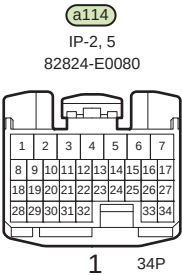


1. Engine ECU	12. SCV (Suction Control Valve)
2. Fuel injector No.3 (4 cylinder)	13. Engine speed main sensor
3. Fuel injector No.2 (4 cylinder)	14. Engine speed sub sensor
4. Fuel injector No.4 (4 cylinder)	15. Coolant temperature sensor
5. Fuel injector No.1 (4 cylinder)	16. Fuel temperature sensor
6. Fuel injector No.6 (6 cylinder)	17. Common rail pressure sensor (4 cylinder)
7. Fuel injector No.5 (6 cylinder)	18. Common rail pressure sensor (6 cylinder)
8. Fuel injector No.4 (6 cylinder)	19. Boost pressure sensor
9. Fuel injector No.3 (6 cylinder)	20. ECU main relay
10. Fuel injector No.2 (6 cylinder)	21. Accelerator sensor
11. Fuel injector No.1 (6 cylinder)	22. Idle volume



- a. To (LC) J/C CAN
- b. To (BA) Combination meter
- c. To (LA) Diagnosis connector (White)
- d. To (LB) Diagnosis connector (16 pin)
- e. To (GF) Clutch switch
- f. To (MA) J/C Earth G4-a
- g. To (MA) Battery ground
- h. To (AA) Fuse 22
- i. To (AD) Starter relay
- j. To (AA) Fuse 31
- k. To (AA) Fuse 39
- l. To (CB) Stop light relay
- m. To (CB) Stop light switch

CONNECTORS FOR CIRCUIT "GA"



ea2
EG-3, 7, 15, 30, 31
82580-9960



14

eb3
EG-1, 2, 6, 12, 14, 23, 25
82580-8760



15

ec3
EG-3, 7, 15, 30
82580-7120



16

ec2
EG-3
82580-6630



17

ea3
EG-7, 15, 30, 31
82580-6630



18

ea8
EG-3, 7, 15
82580-8980



19

a36
IP-4, 8
82580-8960

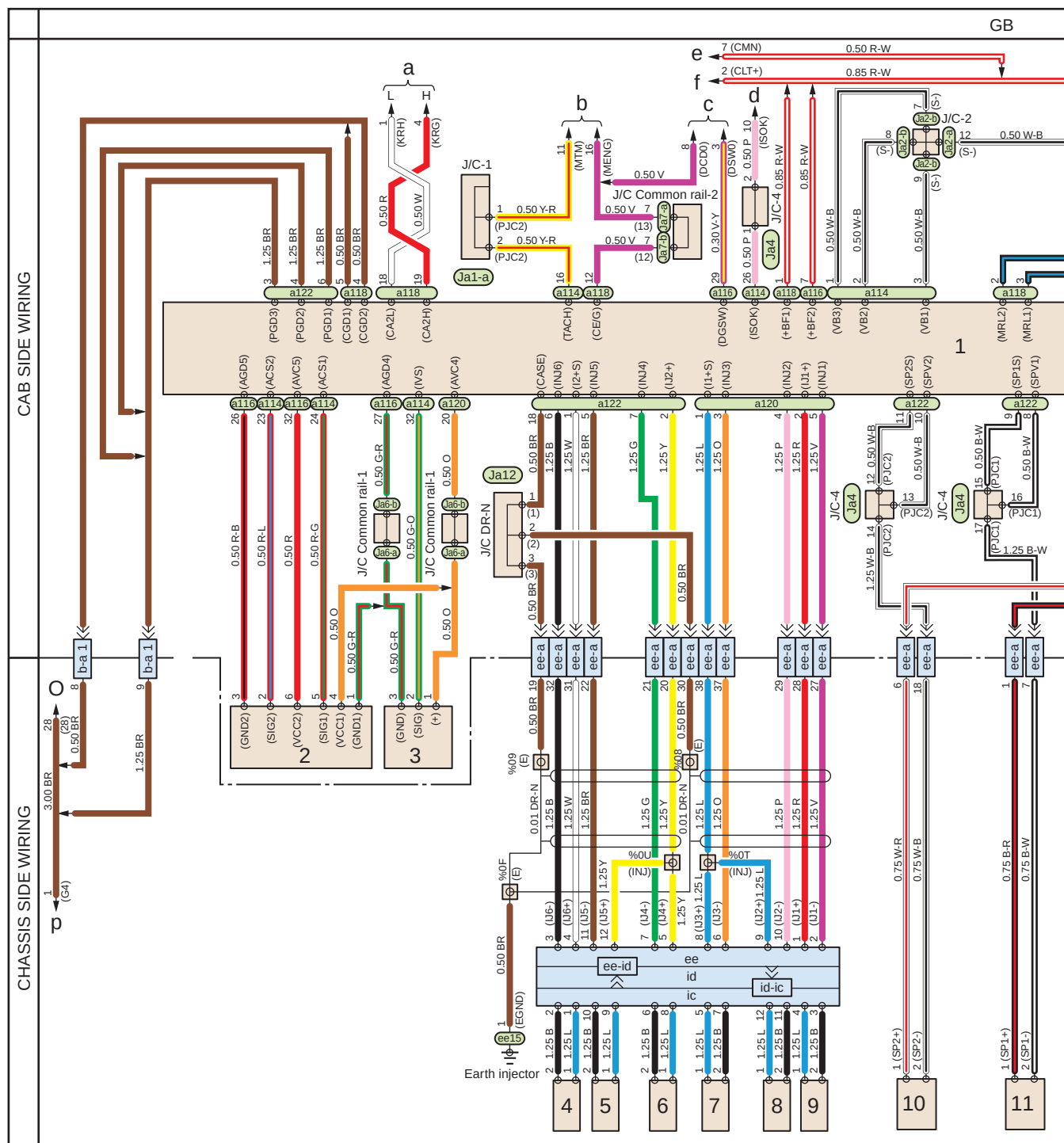


21

a35
IP-4, 8
82580-8660



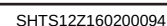
22



SHTS12Z160200093

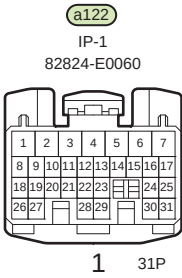
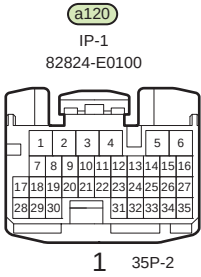
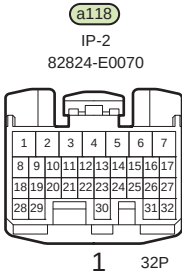
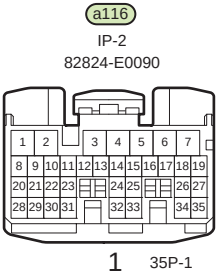
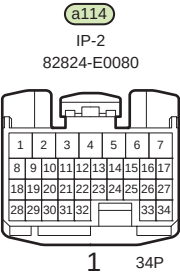
GB. [P11C ENGINE] COMMON RAIL CIRCUIT No.1 (MODELS FOR THAILAND)

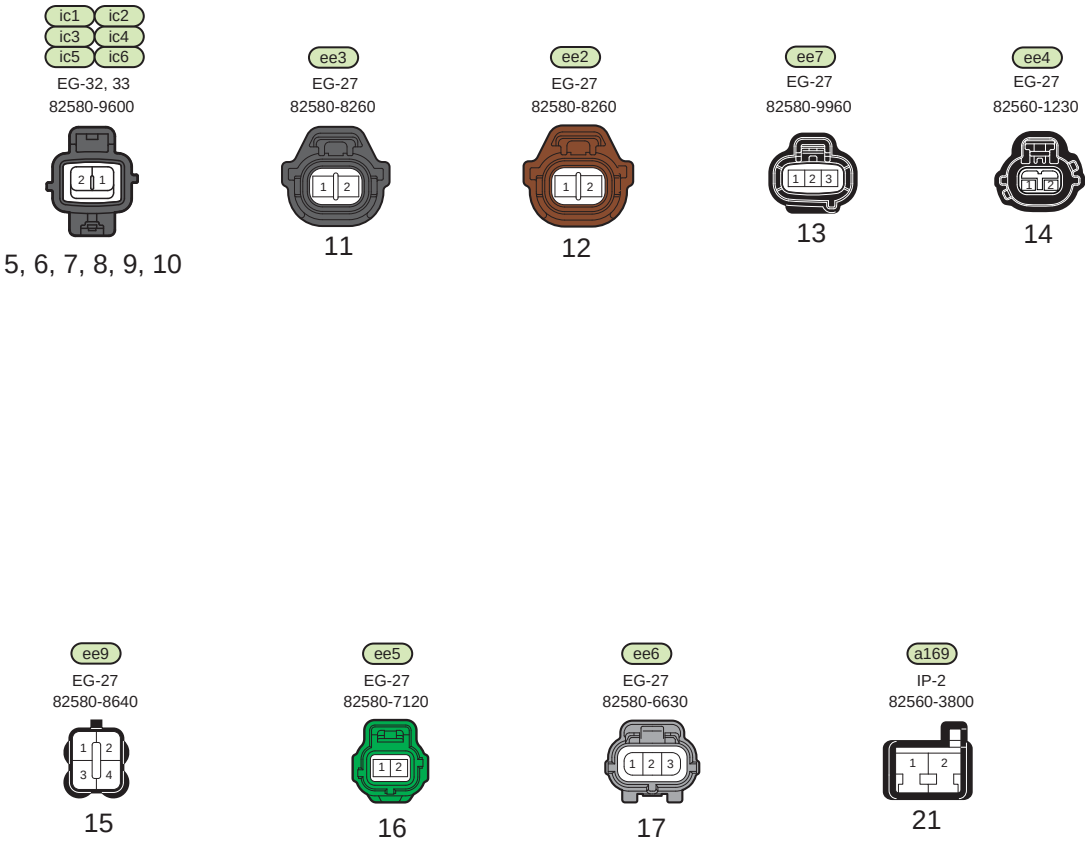
1. Engine ECU	12. Engine speed main sensor
2. Accelerator sensor	13. Engine speed sub sensor
3. Idle volume	14. Coolant temperature sensor
4. Fuel injector No.6	15. Fuel temperature sensor
5. Fuel injector No.5	16. Common rail pressure sensor
6. Fuel injector No.4	17. Boost pressure sensor
7. Fuel injector No.3	18. Actuator power relay
8. Fuel injector No.2	19. ECU main relay
9. Fuel injector No.1	20. PCV relay
10. PCV 2	21. PCV diode
11. PCV 1	

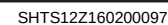


- a. To (LC) J/C CAN
- b. To (BA) Combination meter
- c. To (LA) Diagnosis connector (White)
- d. To (LB) Diagnosis connector (16 pin)
- e. To (GI) Power mode switch
- f. To (GF) Clutch switch
- g. To (AA) Fuse 21
- h. To (AA) Fuse 22
- i. To (AD) Starter relay
- j. To (AA) Fuse 31
- k. To (AA) Fuse 39
- l. To (BA) Combination meter
- m. To (CB) Stop light relay
- n. To (CB) Stop light switch
- o. To (MA) J/C Earth G4-a
- p. To (MA) Battery ground

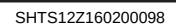
CONNECTORS FOR CIRCUIT "GB"





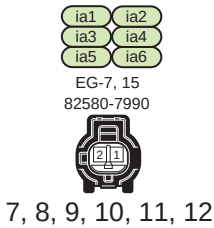
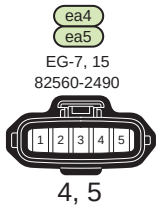
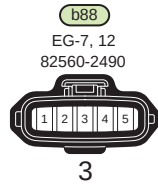
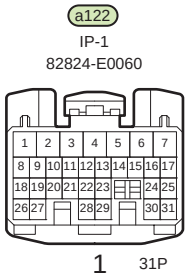
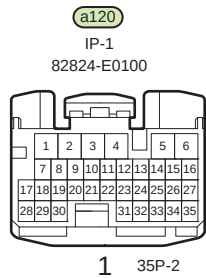
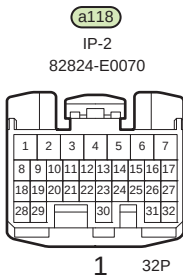
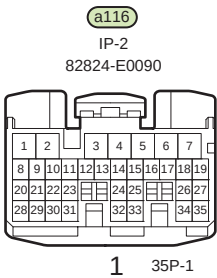
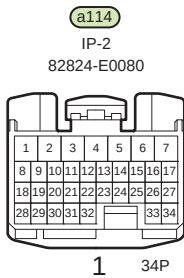


1. Engine ECU	14. Engine speed main sensor
2. DC/DC converter (Common rail)	15. Engine speed sub sensor
3. Air flow sensor	16. Coolant temperature sensor
4. EGR valve 1	17. Fuel temperature sensor
5. EGR valve 2	18. Intake manifold temperature sensor
6. VNT controller	19. Common rail pressure sensor
7. Fuel injector No.6	20. Boost pressure sensor
8. Fuel injector No.5	21. Actuator power relay
9. Fuel injector No.4	22. ECU main relay
10. Fuel injector No.3	23. Accelerator sensor
11. Fuel injector No.2	24. Idle volume
12. Fuel injector No.1	25. Resister
13. SCV (Suction Control Valve)	26. Stop light switch



a. To (AA) Fuse 25	h. To (AA) Fuse 21
b. To (LC) J/C CAN	i. To (AA) Fuse 22
c. To (BA) Combination meter	j. To (AD) Starter relay
d. To (LA) Diagnosis connector (White)	k. To (AA) Fuse 31
e. To (LB) DLC4	l. To (AA) Fuse 39
f. To (MA) J/C Earth G4-a	m. To (CB) Hong Kong diode 2
g. To (MA) Battery ground	n. To (CB) Stop light switch

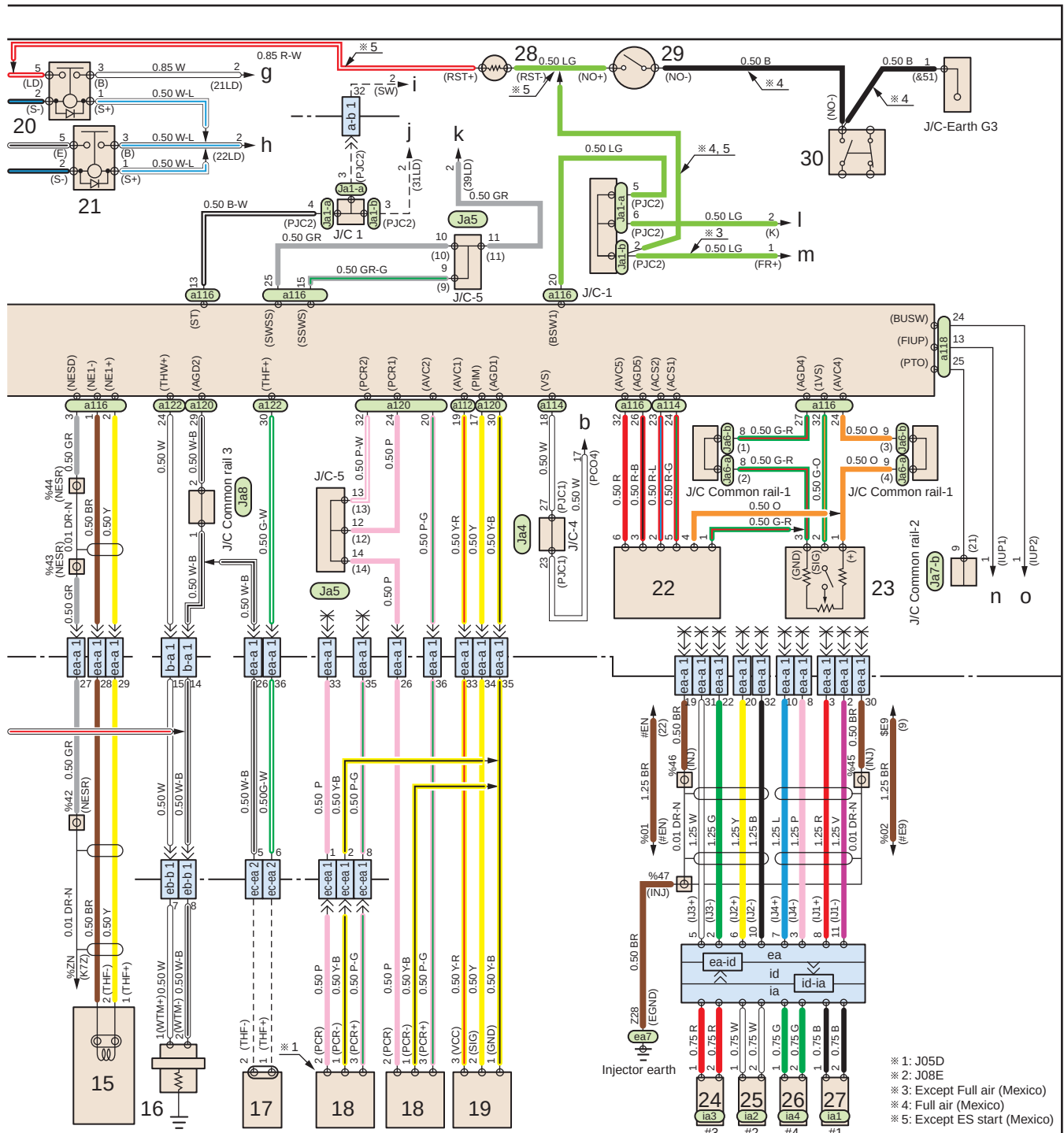
CONNECTORS FOR CIRCUIT "GC"





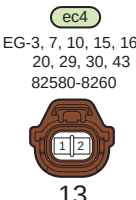
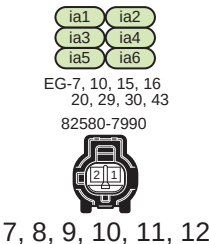
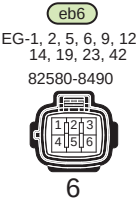
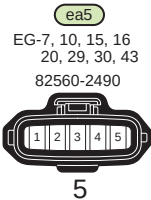
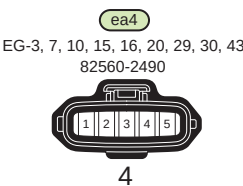
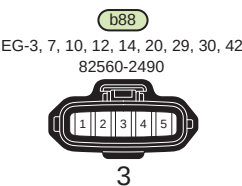
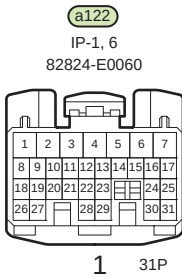
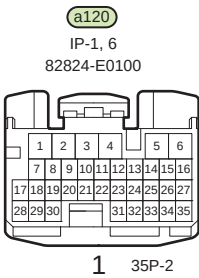
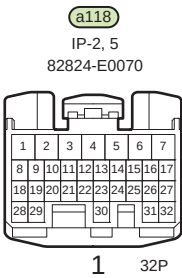
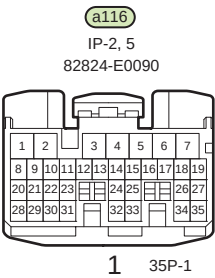
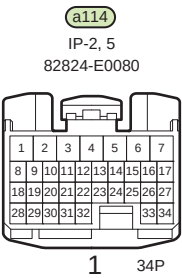


1. Engine ECU	14. Engine speed sub sensor
2. DC/DC converter (Common rail)	15. Engine speed main sensor
3. Air flow sensor	16. Coolant temperature sensor
4. EGR valve 1	17. Fuel temperature sensor
5. EGR valve 2	18. Common rail pressure sensor
6. VNT controller	19. Boost pressure sensor
7. Fuel injector No.6 (6 cylinder)	20. Actuator power relay
8. Fuel injector No.5 (6 cylinder)	21. ECU main relay
9. Fuel injector No.4 (6 cylinder)	22. Accelerator sensor
10. Fuel injector No.3 (6 cylinder)	23. Idle volume
11. Fuel injector No.2 (6 cylinder)	24. Fuel injector No.4 (4 cylinder)
12. Fuel injector No.1 (6 cylinder)	25. Fuel injector No.3 (4 cylinder)
13. SCV (Suction Control Valve)	26. Fuel injector No.2 (4 cylinder)



SHTS12Z160200102

CONNECTORS FOR CIRCUIT "GD"



ea1
EG-3, 7, 10, 15, 16
20, 29, 30, 43
82560-1230



14

ea2
EG-3, 7, 10, 15, 16
20, 29, 30, 43
82580-9960



15

eb3
EG-1, 2, 5, 6, 9, 12
14, 19, 23, 42
82580-8760



16

ec3
EG-3, 7, 10, 15, 16
20, 29, 30, 43
82580-7120



17

※ 1
ec2
EG-3
82580-6630



18

※ 2
ea3
EG-7, 10, 15, 16
20, 29, 30, 43
82580-6630



18

ea8
EG-3, 7, 10, 15, 16
20, 29, 30, 43
82580-8980



19

a36
IP-4, 8
82580-8960



22

a35
IP-4, 8
82580-8660



23

ia1 ia2
ia3 ia4
EG-3
82580-7990



24, 25, 26, 27

a179
IP-5
82560-2990



28

a180
CA-2
82580-6820

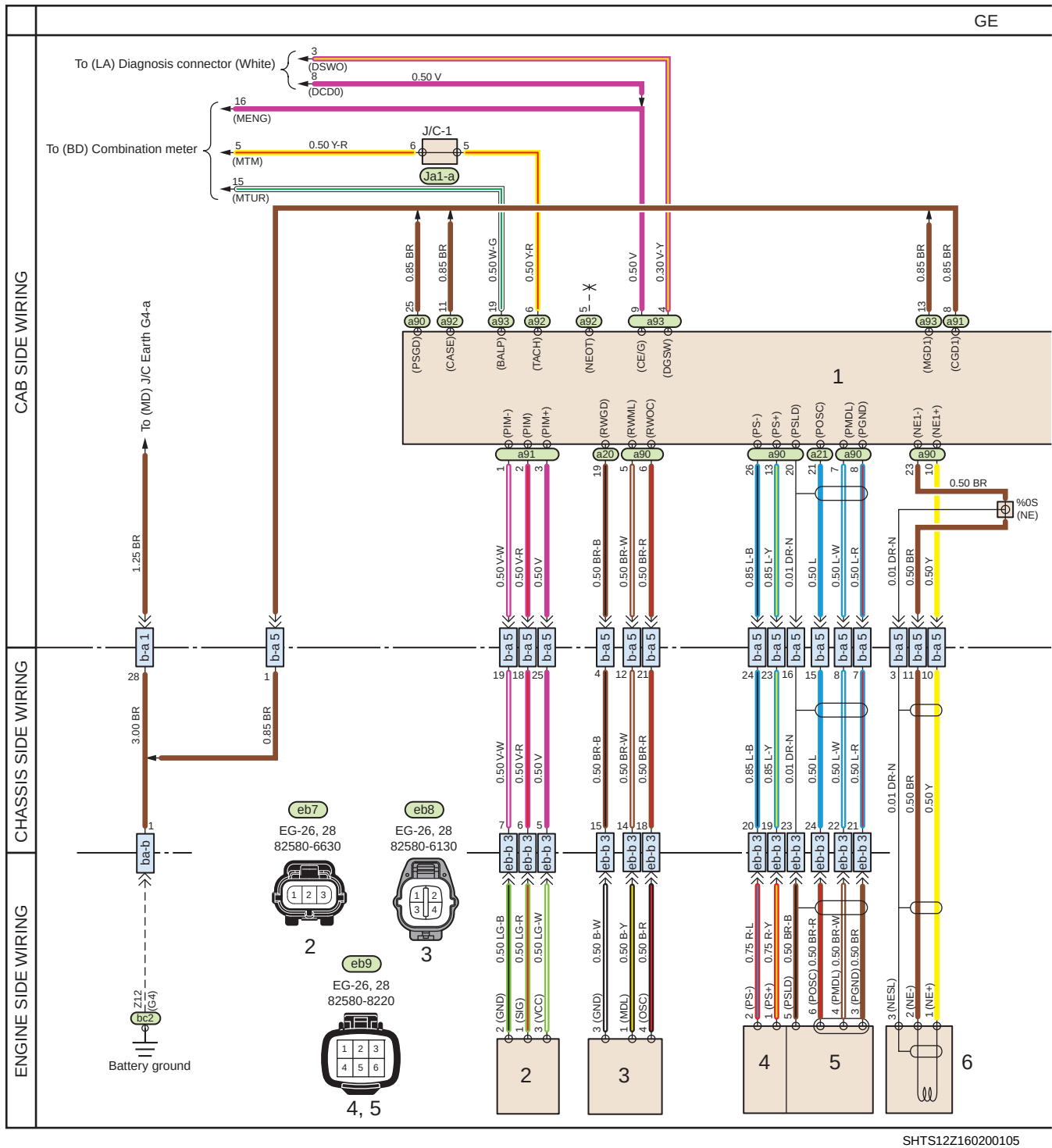


29

a181
IP-8
82560-3030

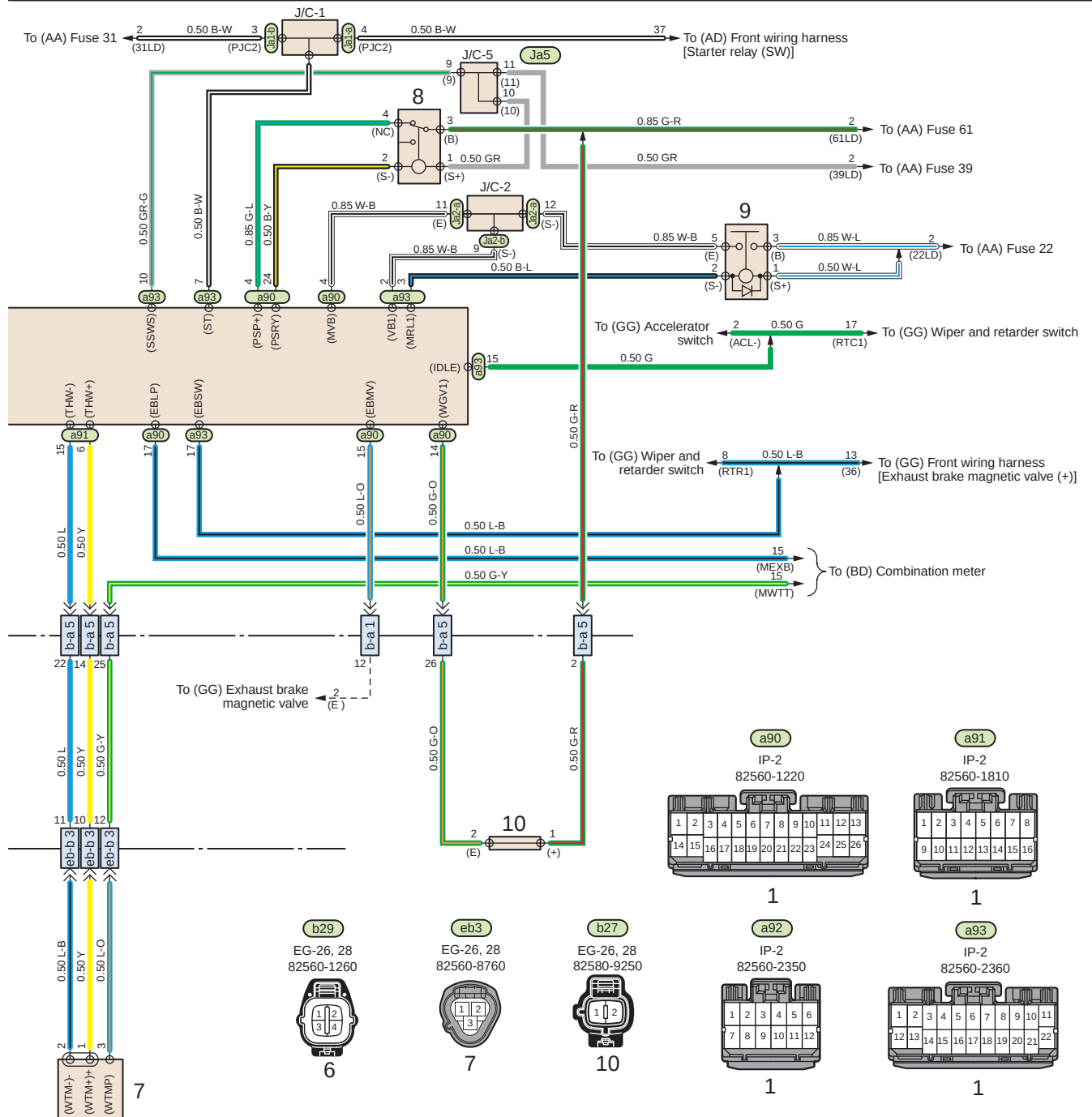


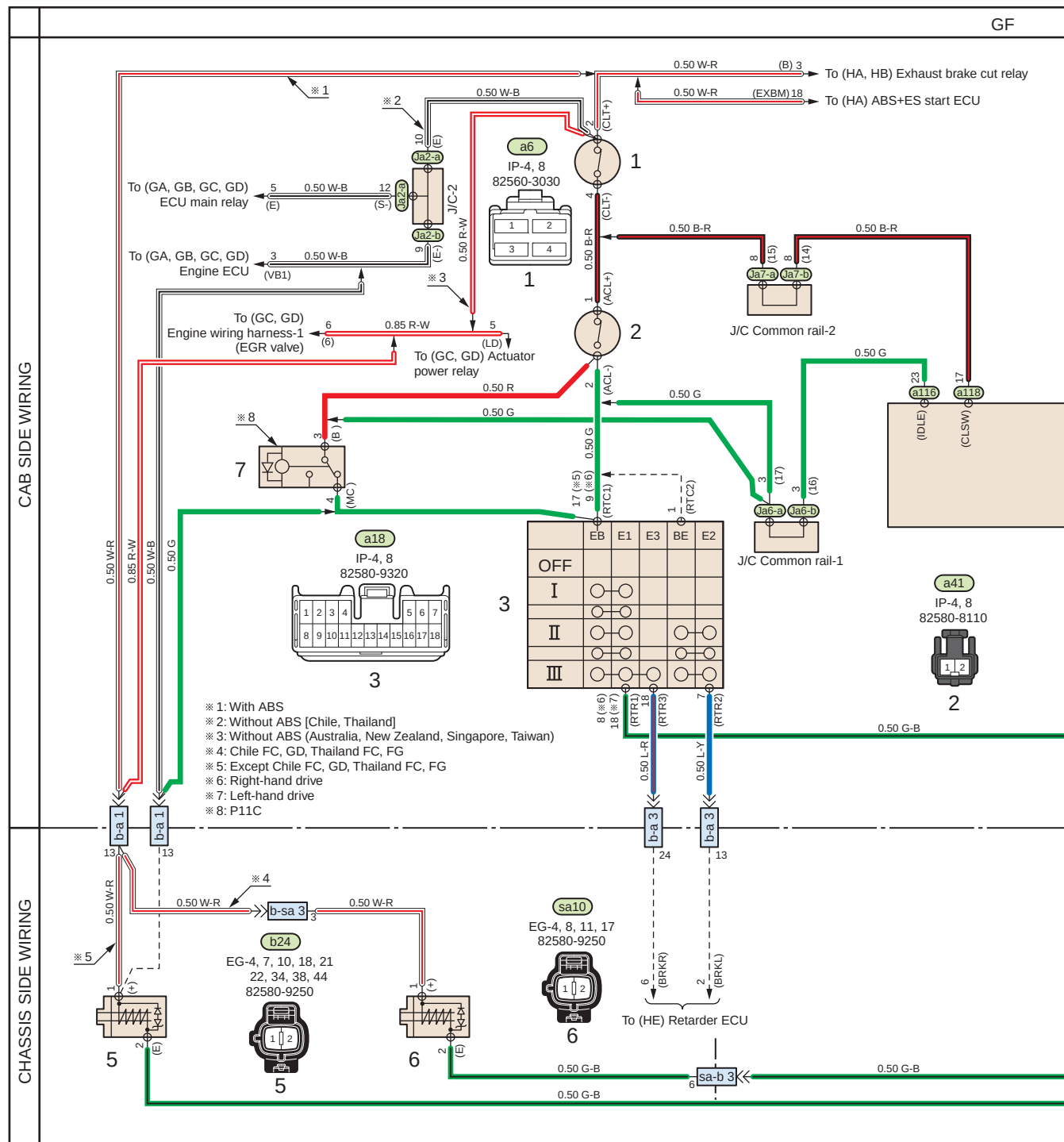
30



GE. TICS CIRCUIT

1. TICS ECU
2. Boost pressure sensor
3. Rack sensor
4. Pre-stroke actuator
5. Pre-stroke sensor
6. Engine speed sensor
7. Coolant temperature sensor
8. Actuator power relay
9. ECU main relay
10. Waste gate magnetic valve

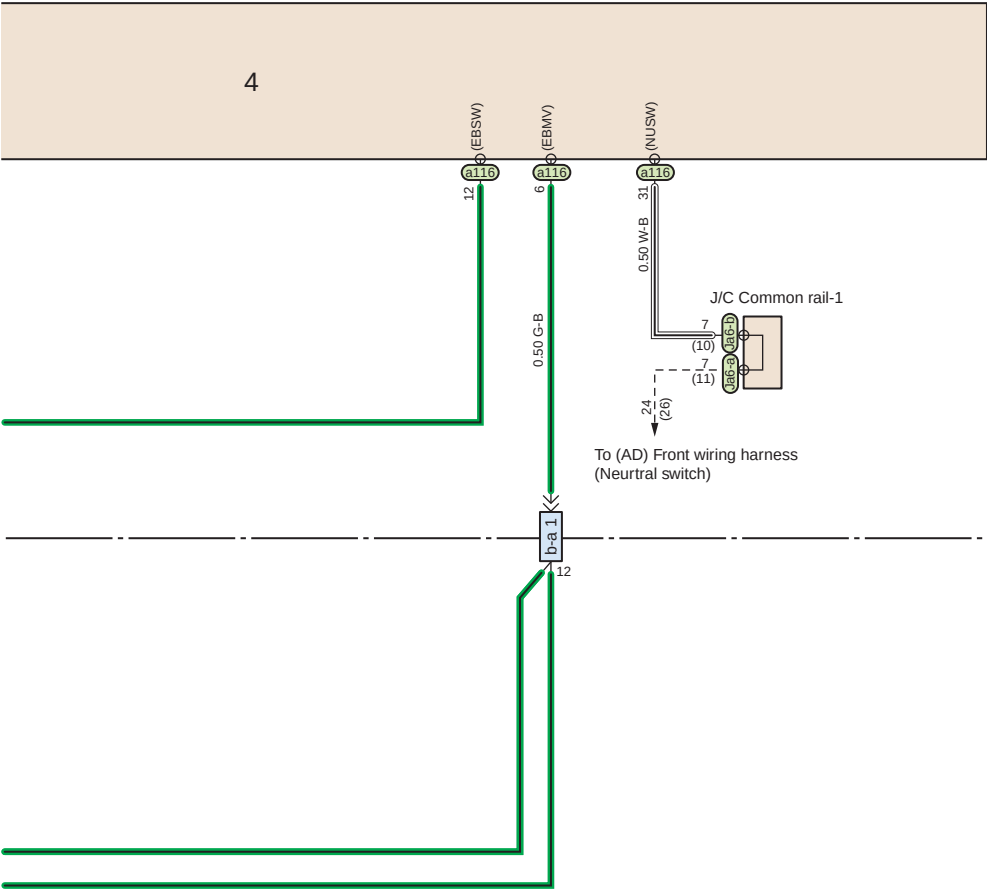
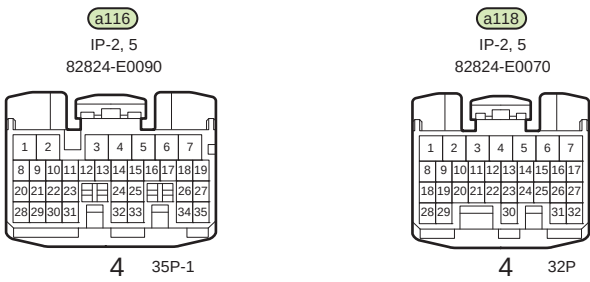


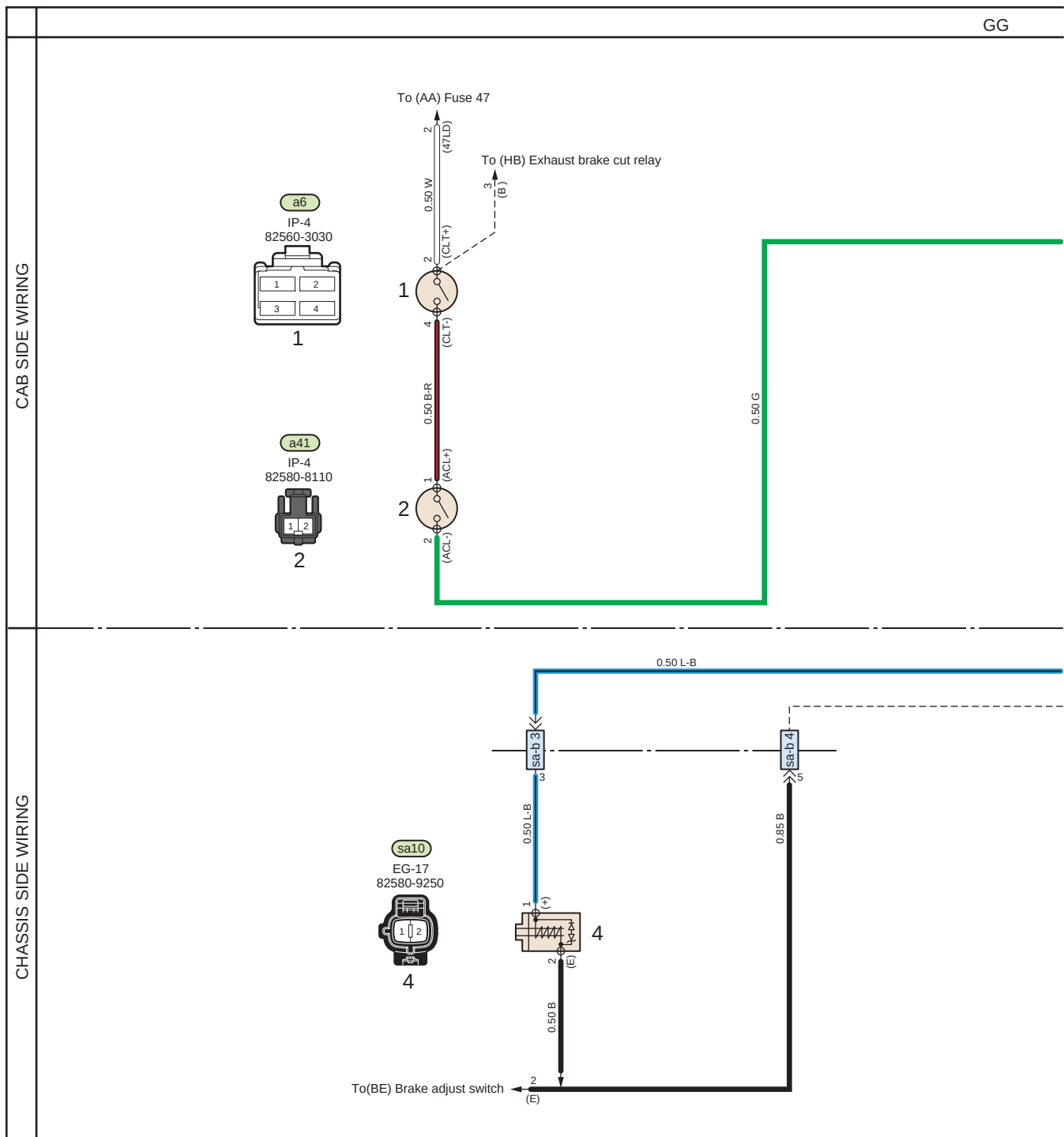


SHTS12Z160200107

GF. COMMON RAIL CIRCUIT No.2 [EXHAUST BRAKE (MODELS WITH MANUAL TRANSMISSION)]

1. Clutch switch
2. Accelerator switch
3. Wiper and retarder switch
4. Engine ECU
5. Exhaust brake magnetic valve (On front W/H)
6. Exhaust brake magnetic valve (On air tank W/H)
7. Exhaust brake cut relay



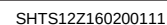


SHTS12Z160200109

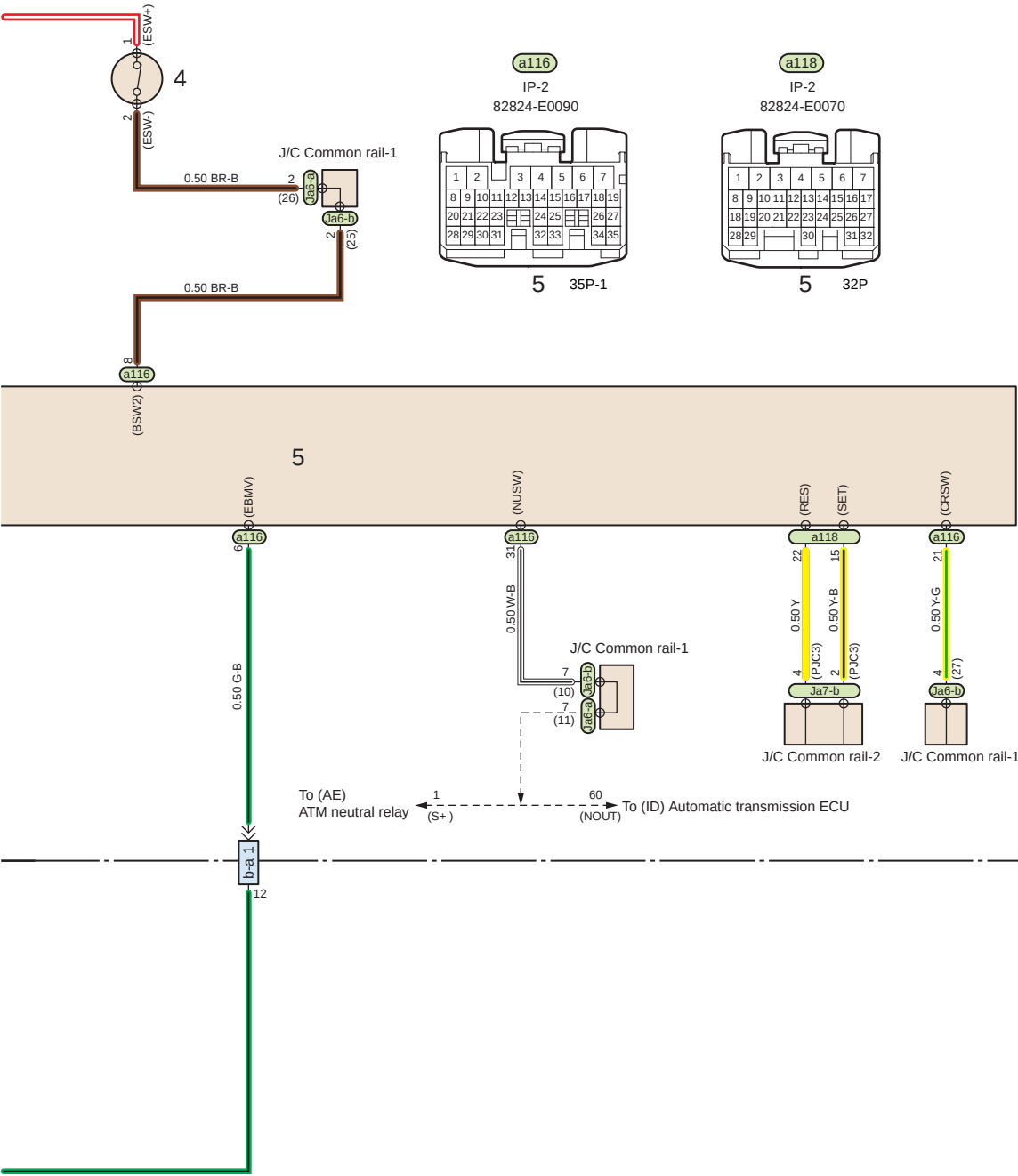
GG. EXHAUST BRAKE CIRCUIT (MODELS FOR INDONESIA)

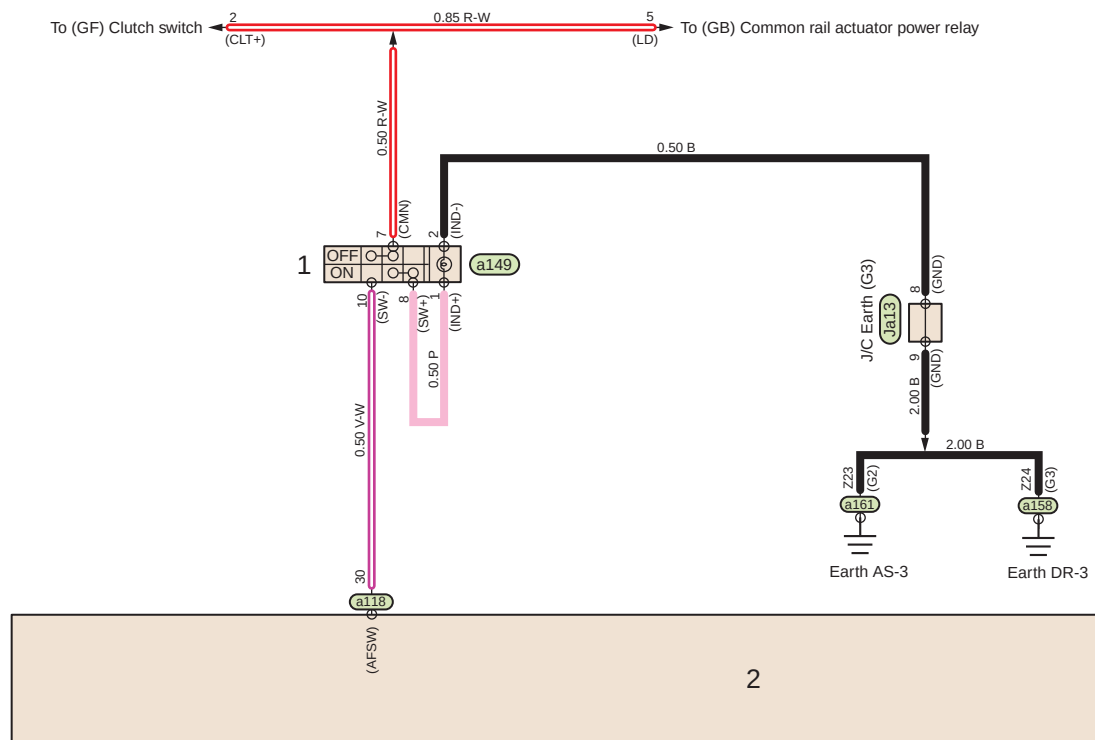
1. Clutch switch
2. Accelerator switch
3. Wiper and retarder switch
4. Exhaust brake magnetic valve (On air tank W/H)
5. Exhaust brake magnetic valve (On front W/H)





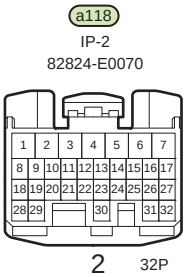
1. Accelerator switch
2. Wiper and retarder switch
3. Exhaust brake magnetic valve
4. Brake switch
5. Engine ECU

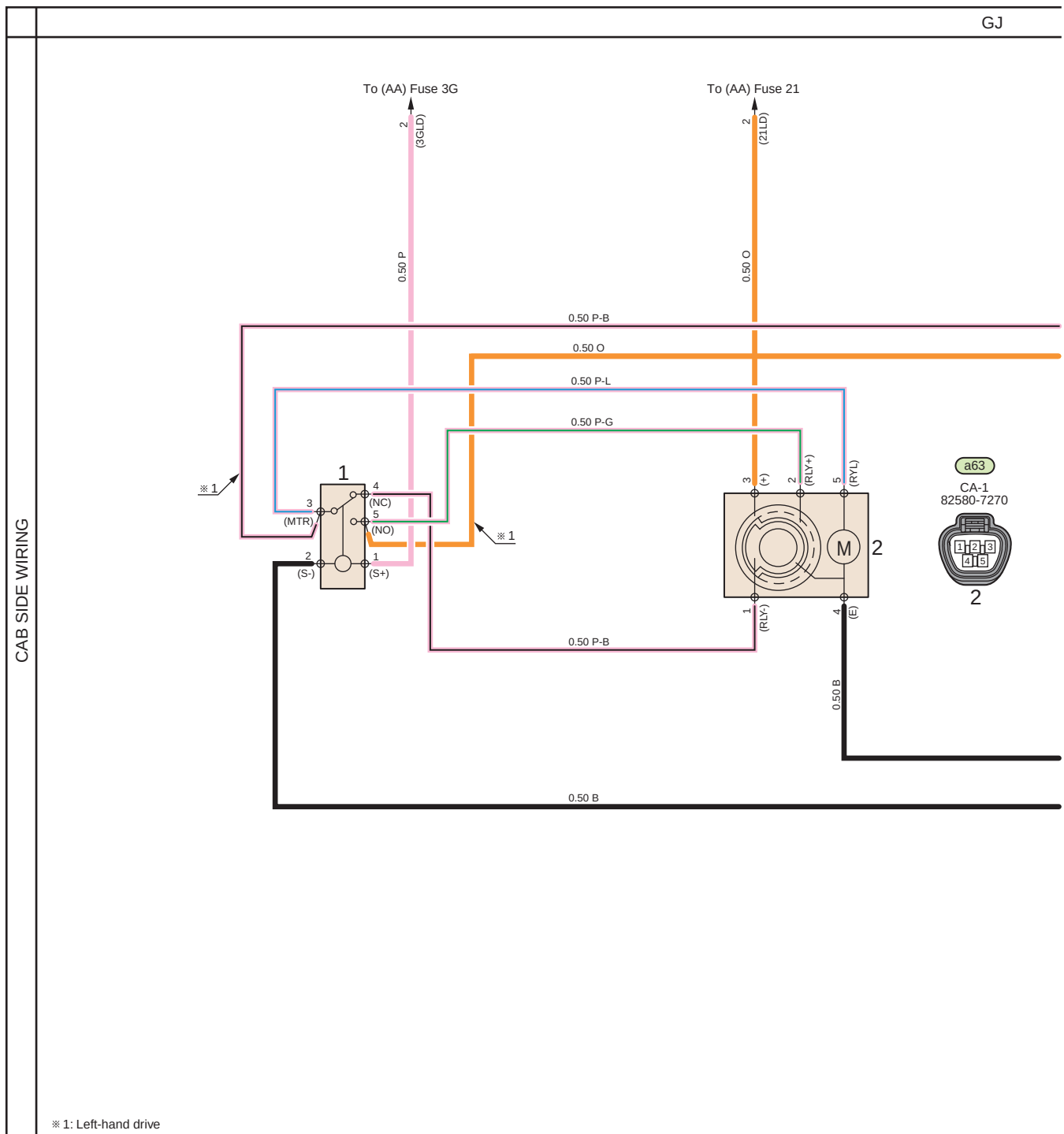




GI. [P11C ENGINE] COMMON RAIL CIRCUIT No.2 (MODELS FOR THAILAND)

1. Power mode switch
2. Engine ECU

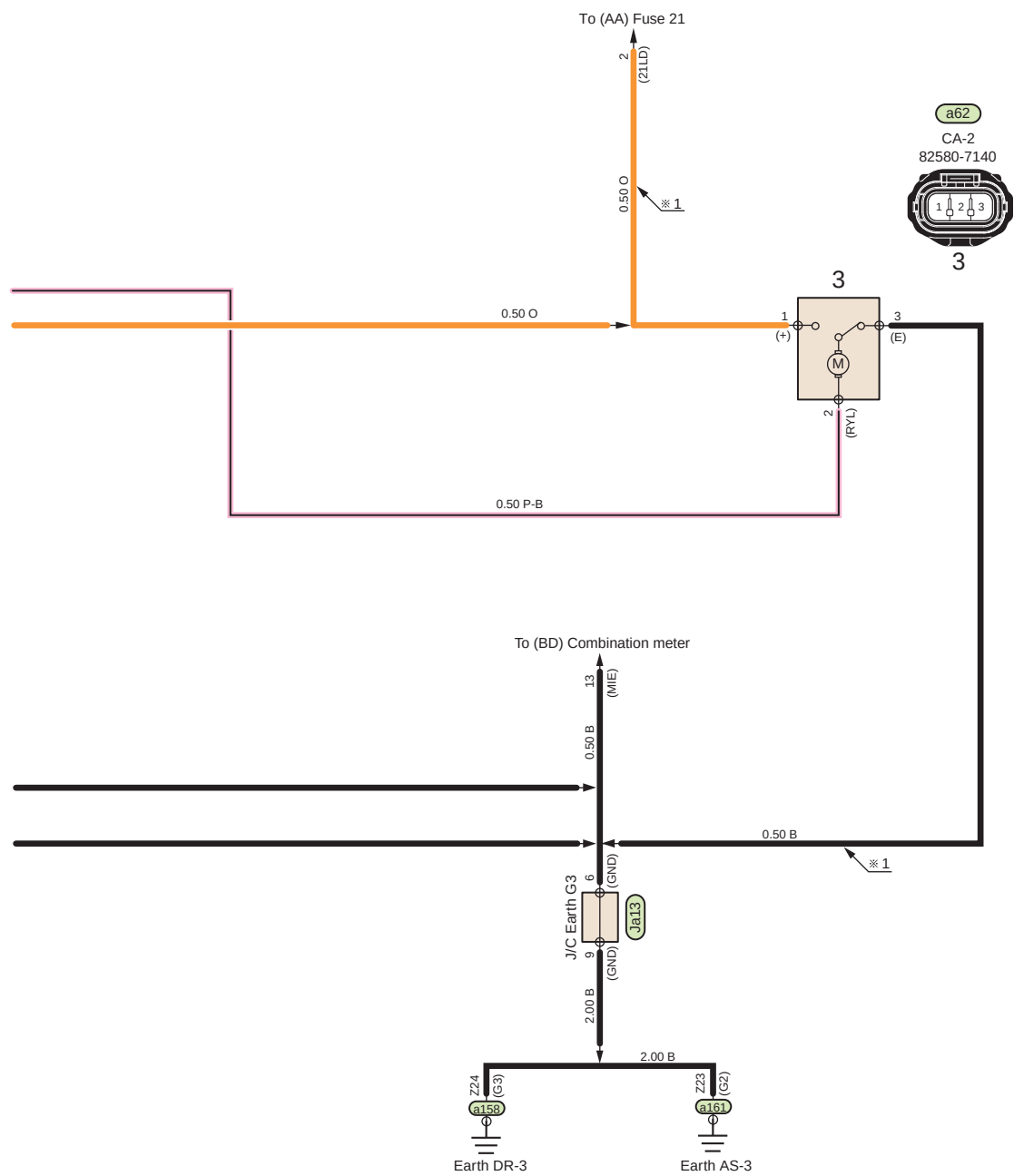


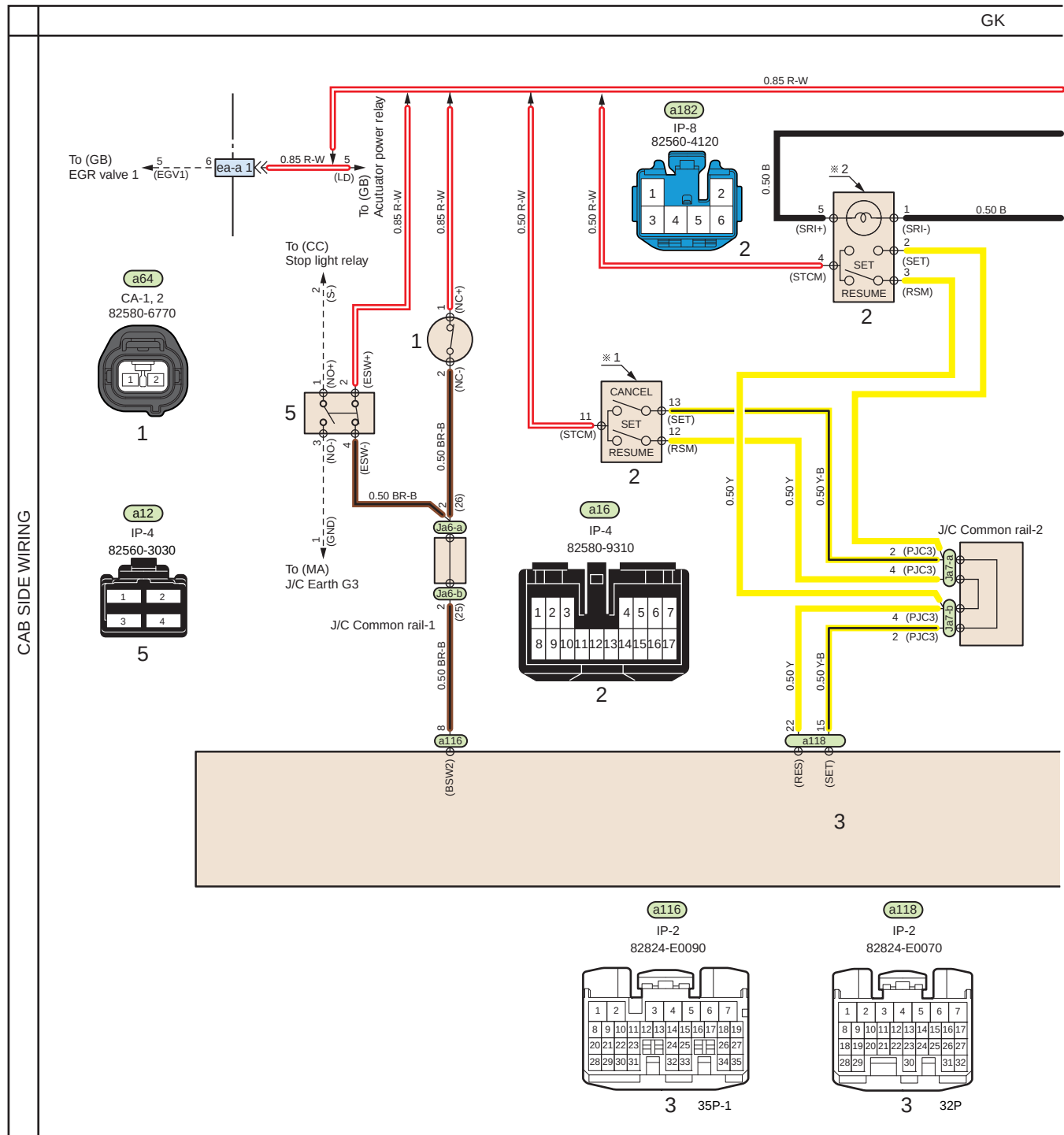


SHTS12Z160200115

GJ. ENGINE STOP CIRCUIT

1. Engine stop motor relay
2. Engine stop motor
3. Engine stop motor (Left-hand drive)

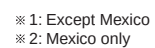


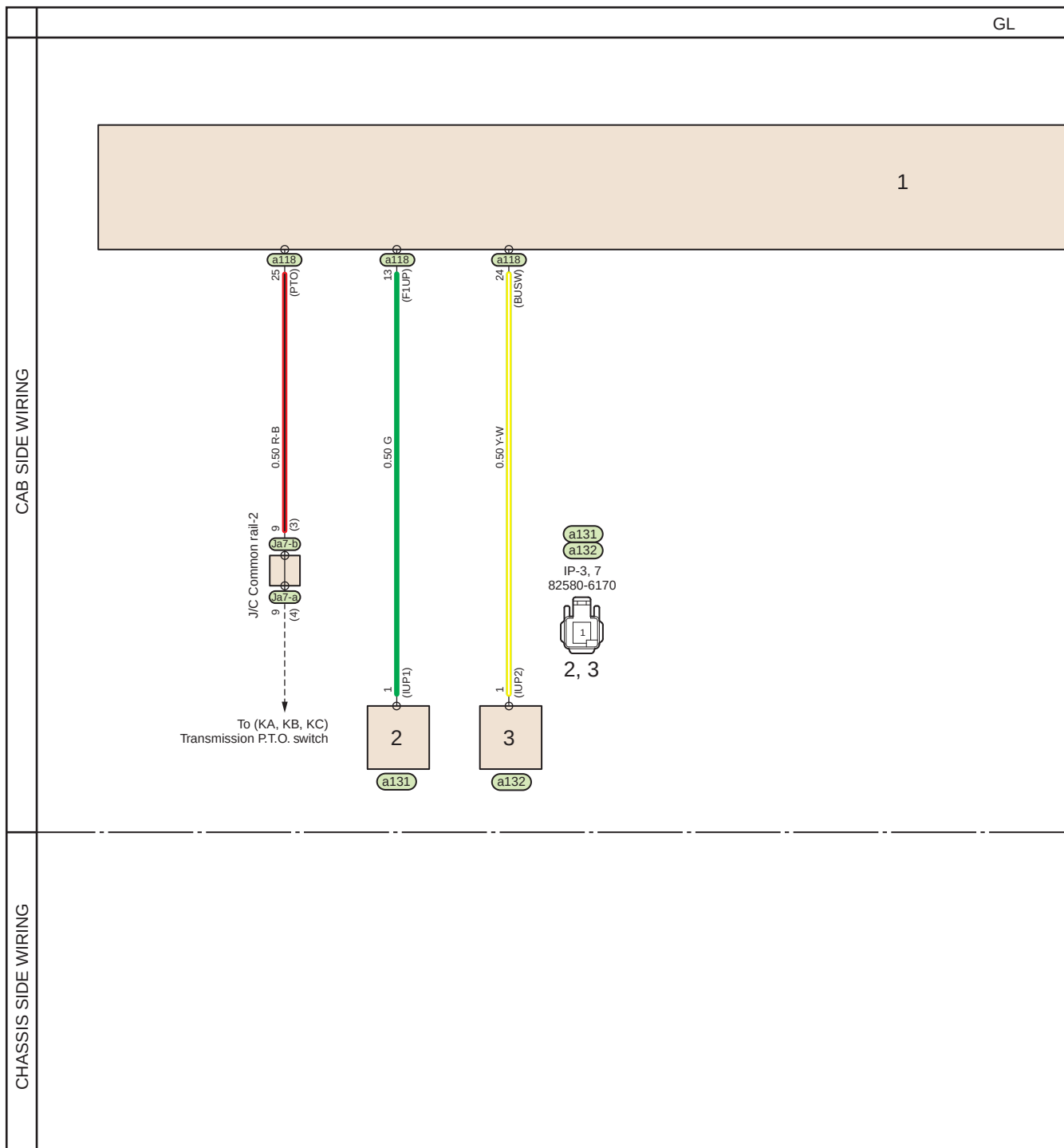


SHTS12Z160200117

GK. [J SERIES ENGINE] COMMON RAIL CIRCUIT No.3 (FS CRUISE)

1. Brake switch
2. Cruise set and resume switch (Light and turn switch)
3. Engine ECU
4. Cruise main switch
5. Stop light switch

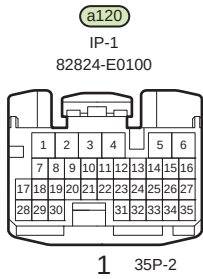
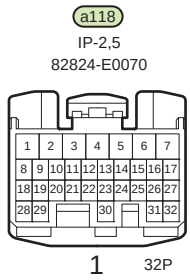
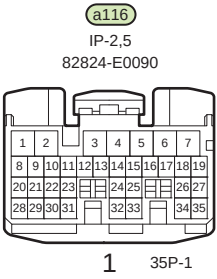
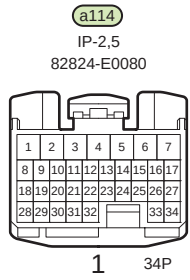
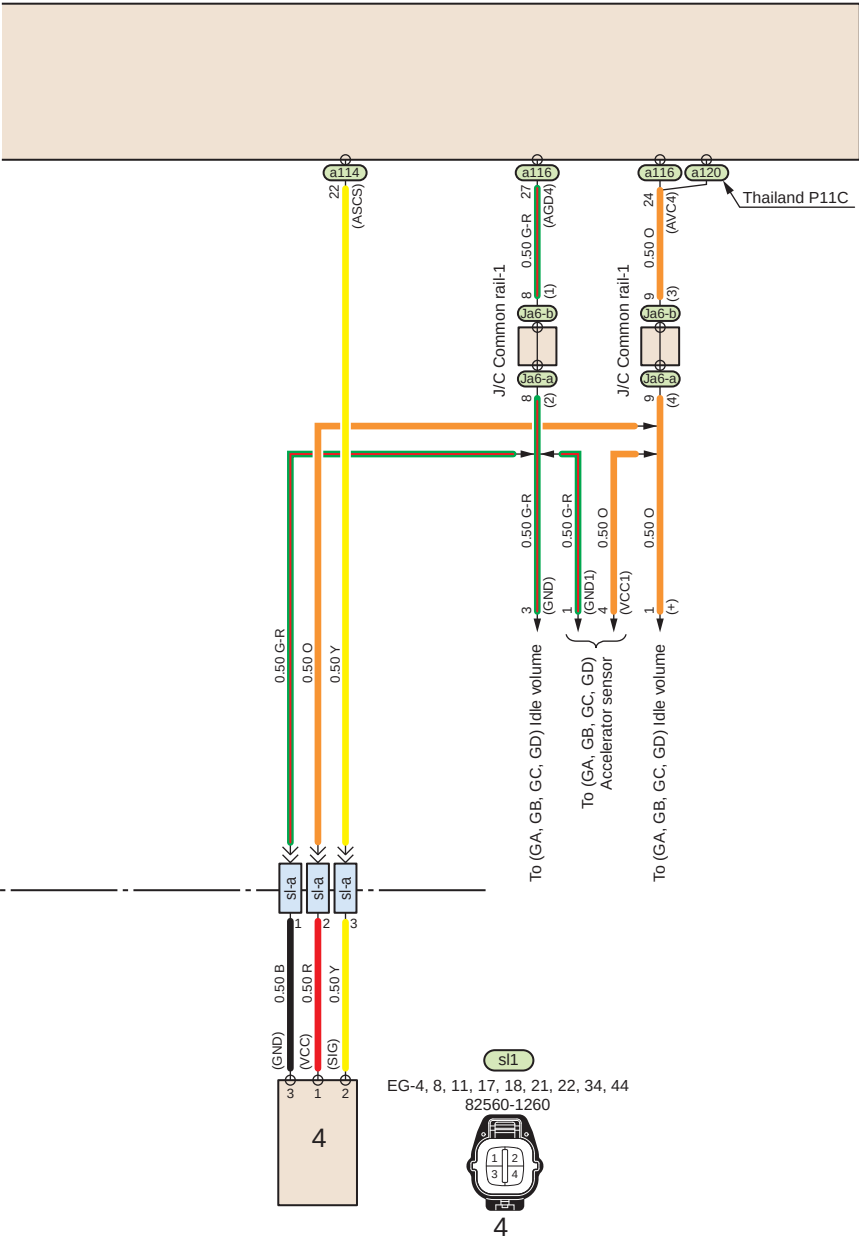


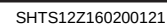


SHTS12Z160200119

GL. [J SERIES ENGINE AND P11C] COMMON RAIL CIRCUIT No.4 (P.T.O.)

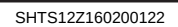
1. Engine ECU
2. Idle up 1
3. Idle up 2
4. P.T.O. accelerator sensor



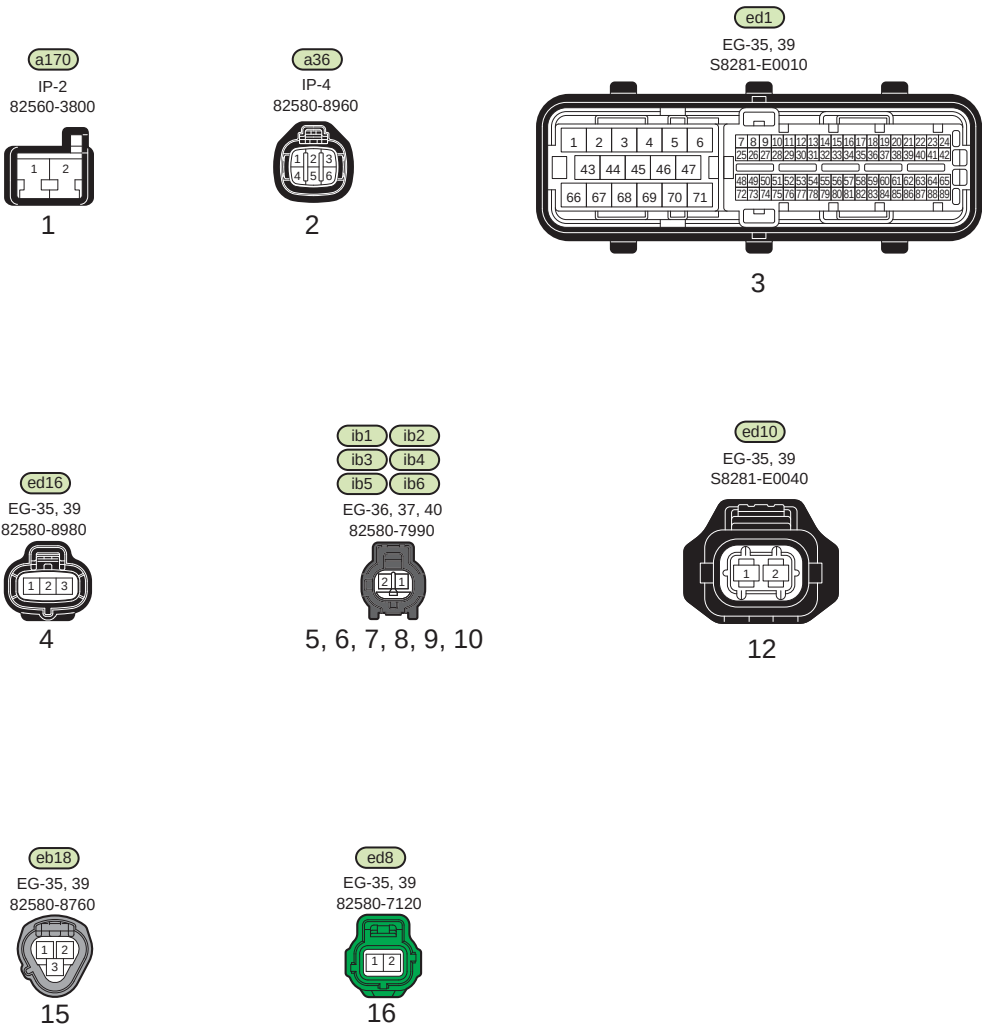


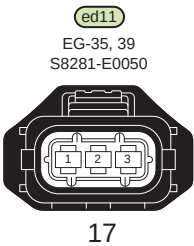
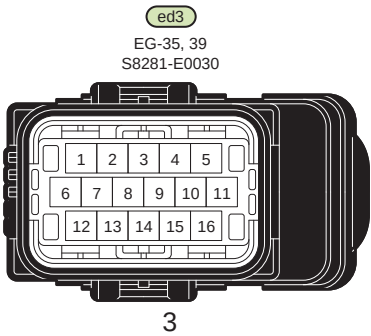
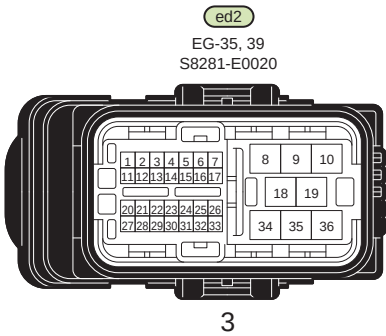
1. Engine stop diode
2. Accelerator sensor
3. Engine ECU
4. Boost pressure sensor
5. Fuel injector No.6
6. Fuel injector No.5
7. Fuel injector No.4
8. Fuel injector No.3
9. Fuel injector No.2
10. Fuel injector No.1
11. EGR VNT power relay
12. MPROP (Supply pump)

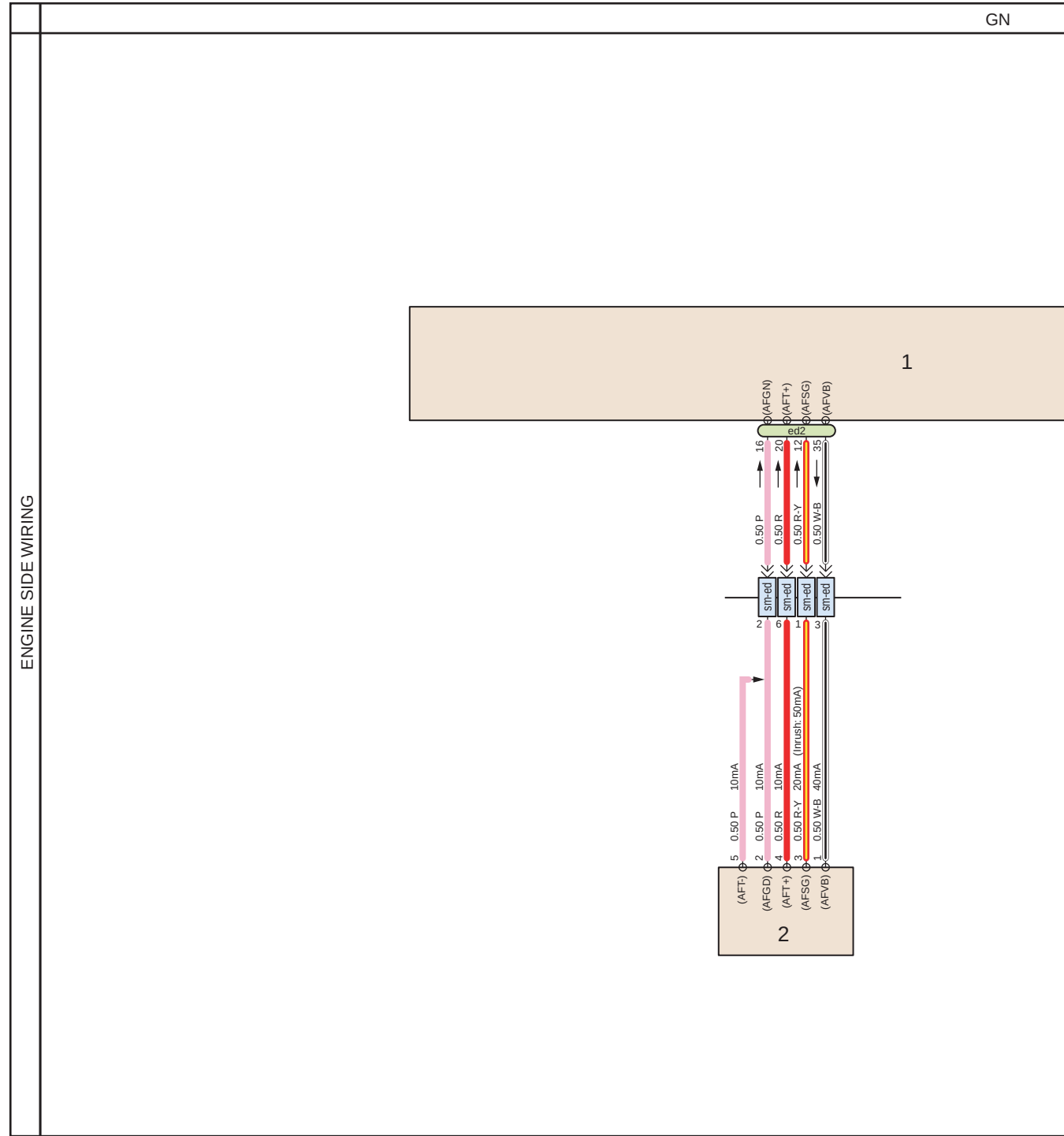
13. Engine speed main sensor
14. Engine speed sub sensor
15. Coolant temperature sensor
16. Fuel temperature sensor
17. Common rail pressure sensor
18. Vehicle speed diode



CONNECTORS FOR CIRCUIT "GM"



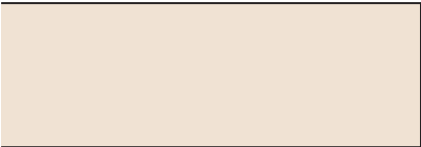




SHTS12Z160200125

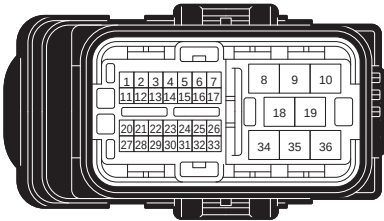
GN. [A09C] COMMON RAIL CIRCUIT No.2

- 1. Engine ECU
- 2. Air flow sensor



ed2

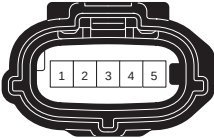
EG-35, 39
S8281-E0020



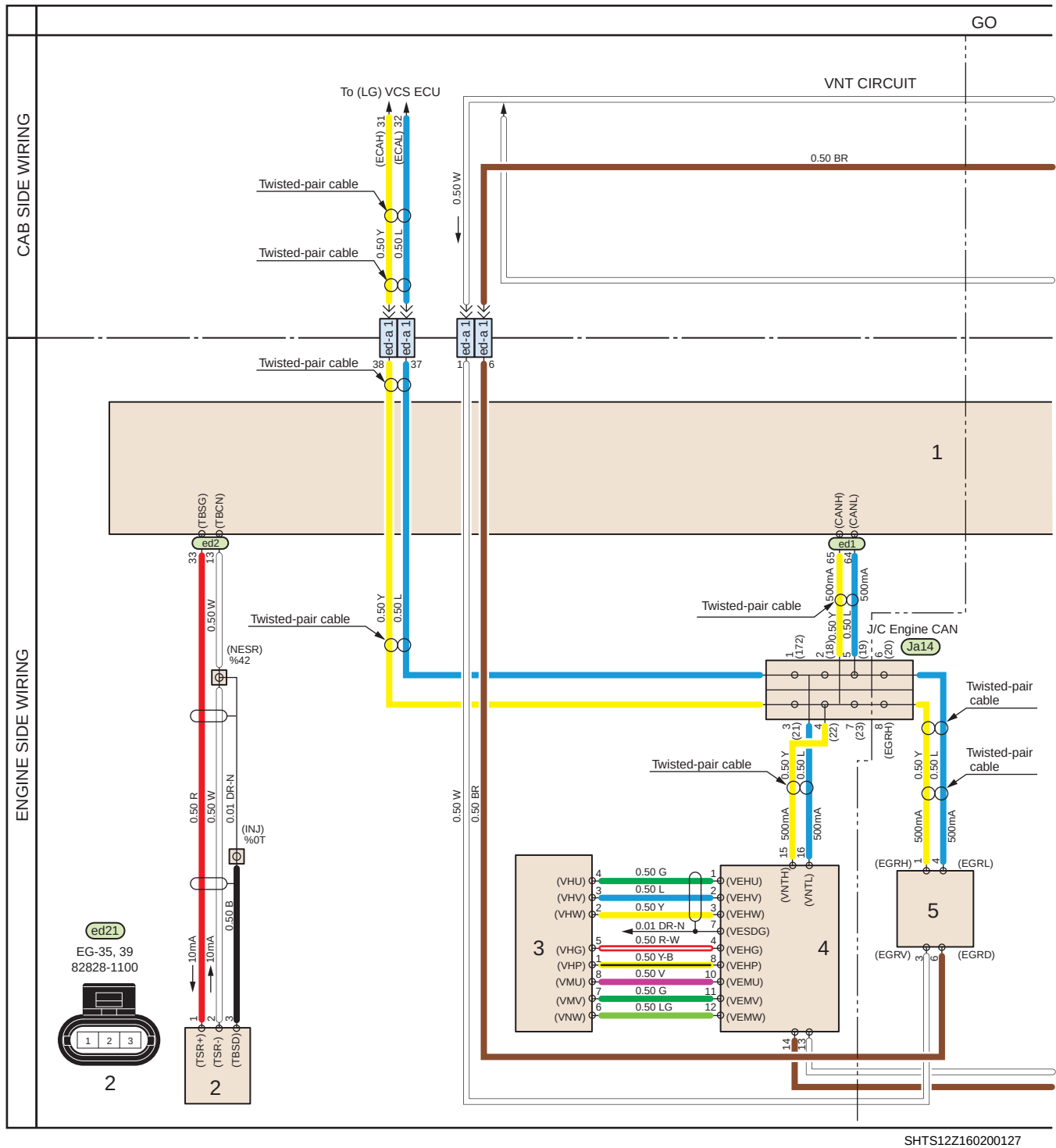
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sm1

EG-36, 37, 40
82828-1630

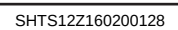


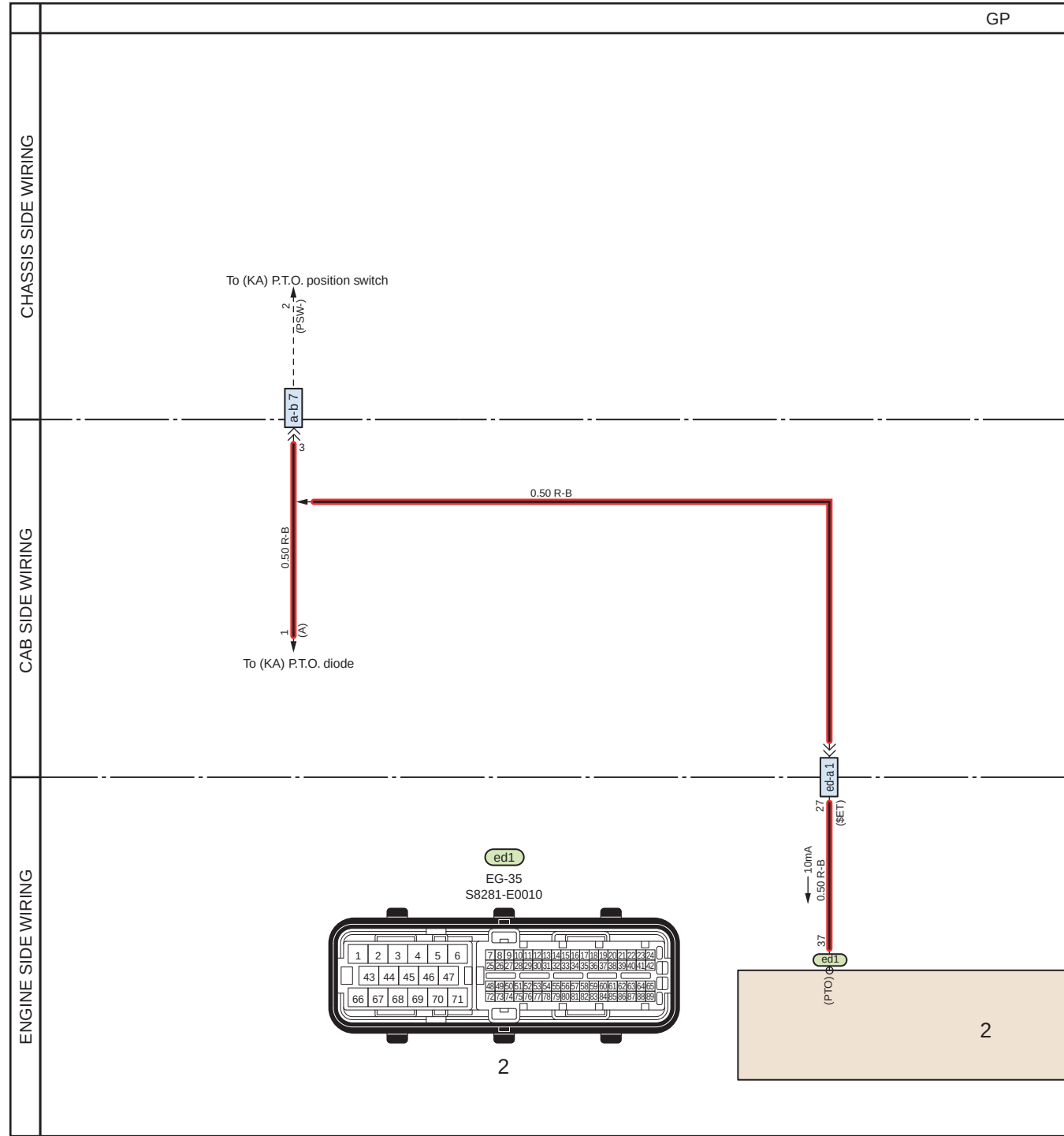
2



GO. [A09C] COMMON RAIL CIRCUIT No.3 (EGR, VNT DRIVE CIRCUIT)

1. Engine ECU
2. Turbine speed sensor
3. VNT actuator
4. VNT controller
5. EGR controller
6. EGR VNT power relay
7. EGR coolant temperature sensor

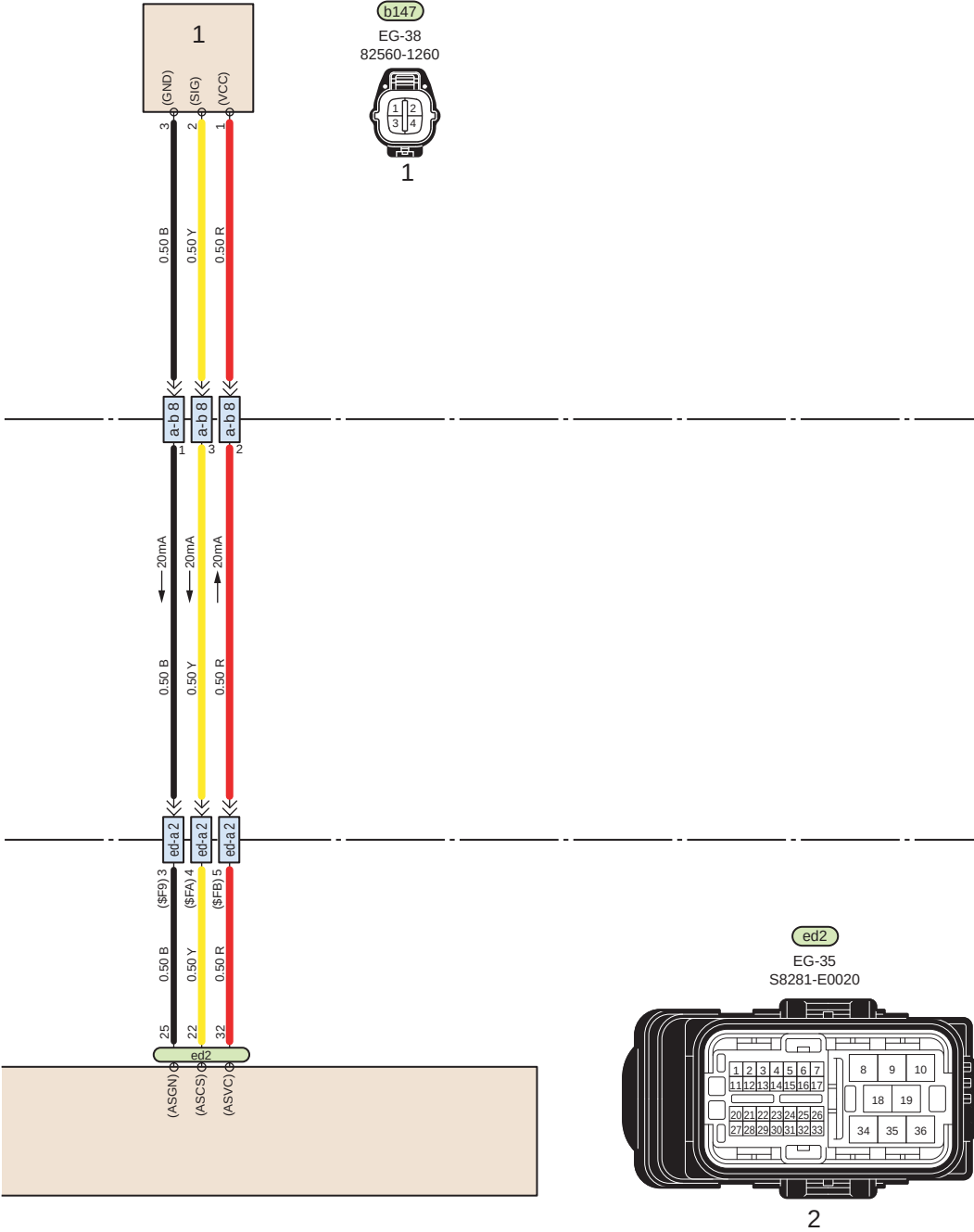




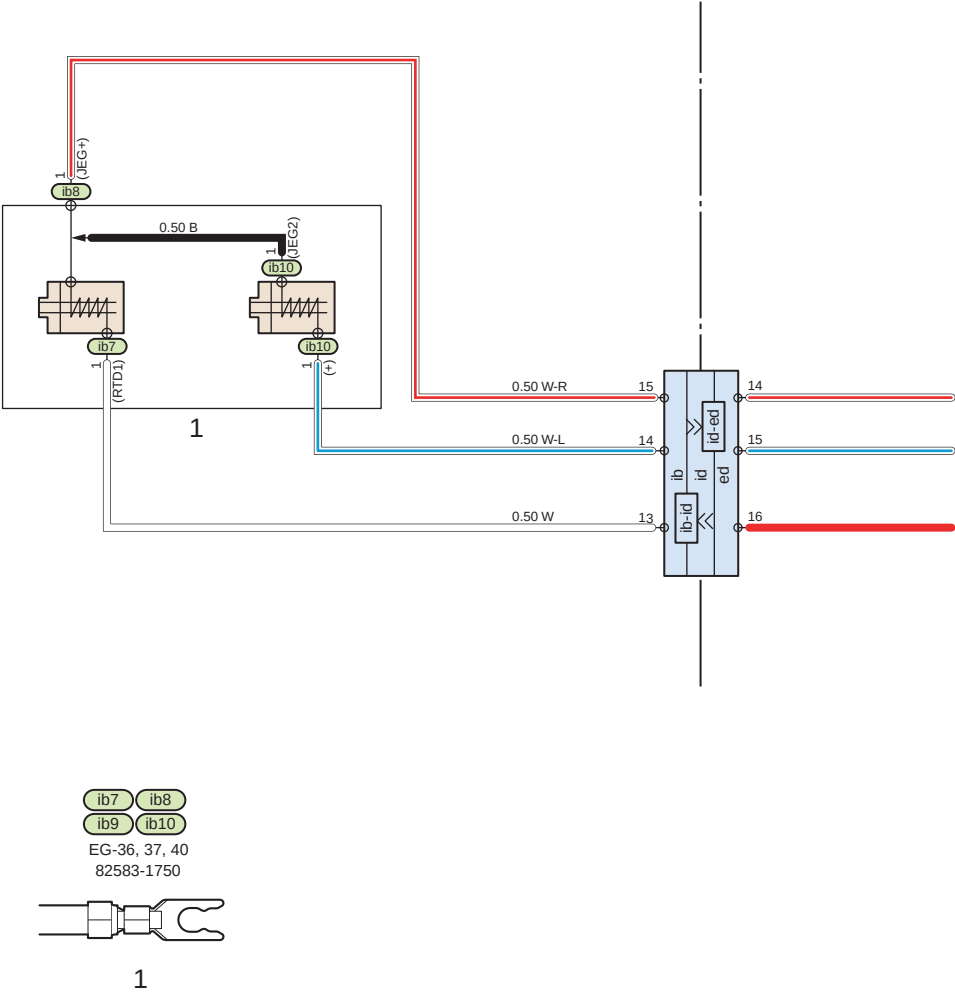
SHTS12Z160200129

GP. [A09C] COMMON RAIL CIRCUIT No.4 (P.T.O.)

- 1. P.T.O. accelerator sensor
- 2. Engine ECU

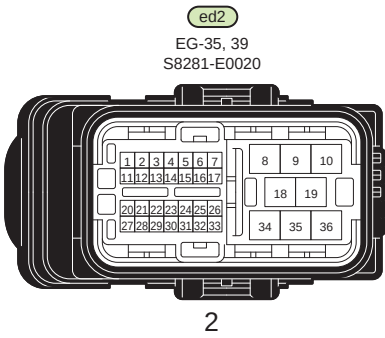
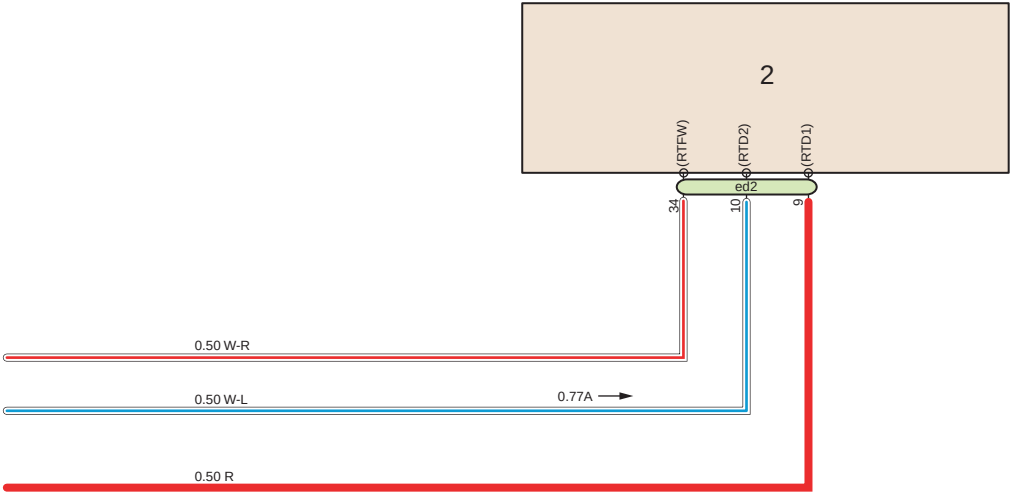


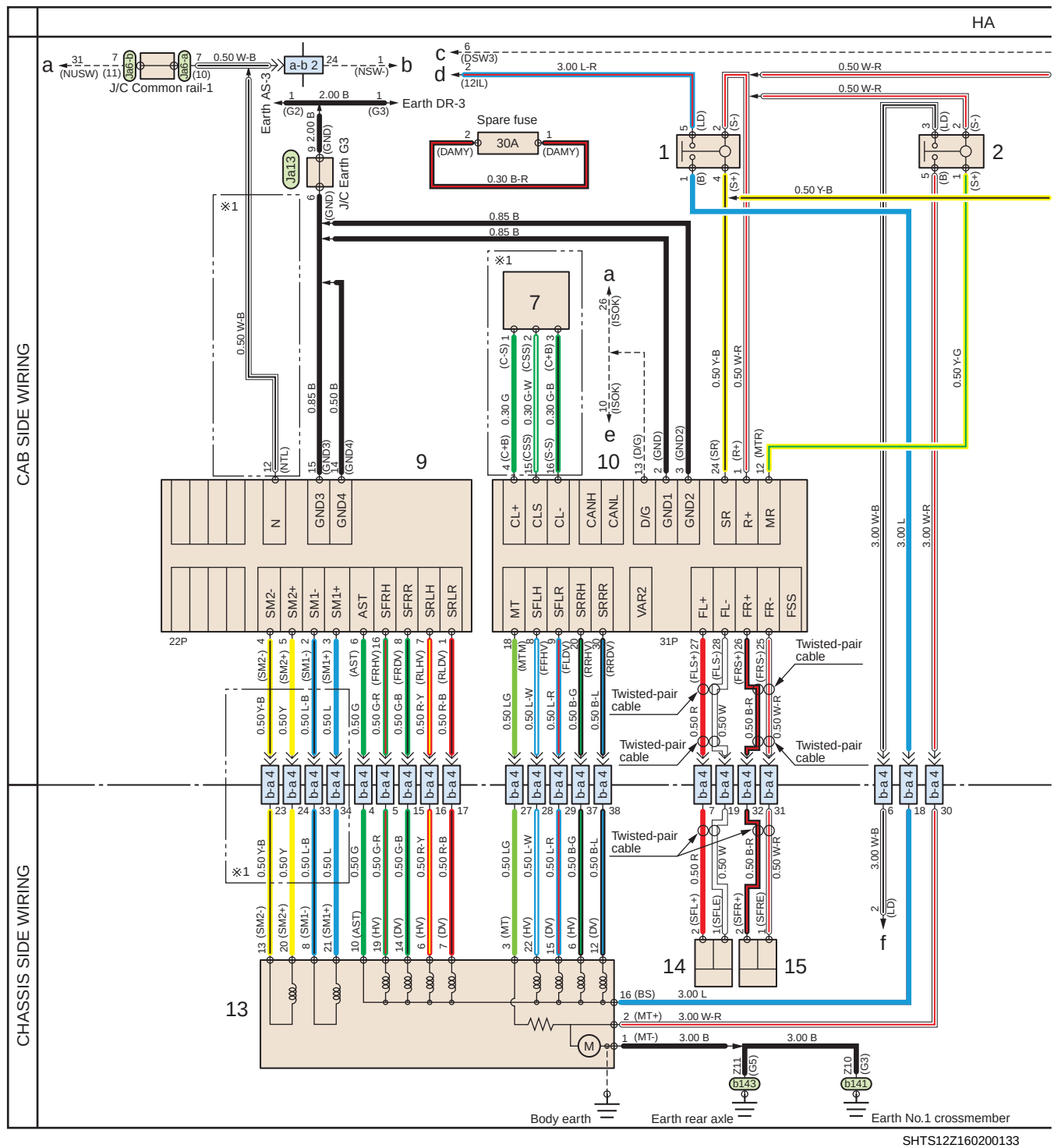
ENGINE SIDE WIRING



GQ. [A09C] COMMON RAIL CIRCUIT No.5 (ENGINE RETARDER)

- 1. Engine retarder EGR
- 2. Engine ECU

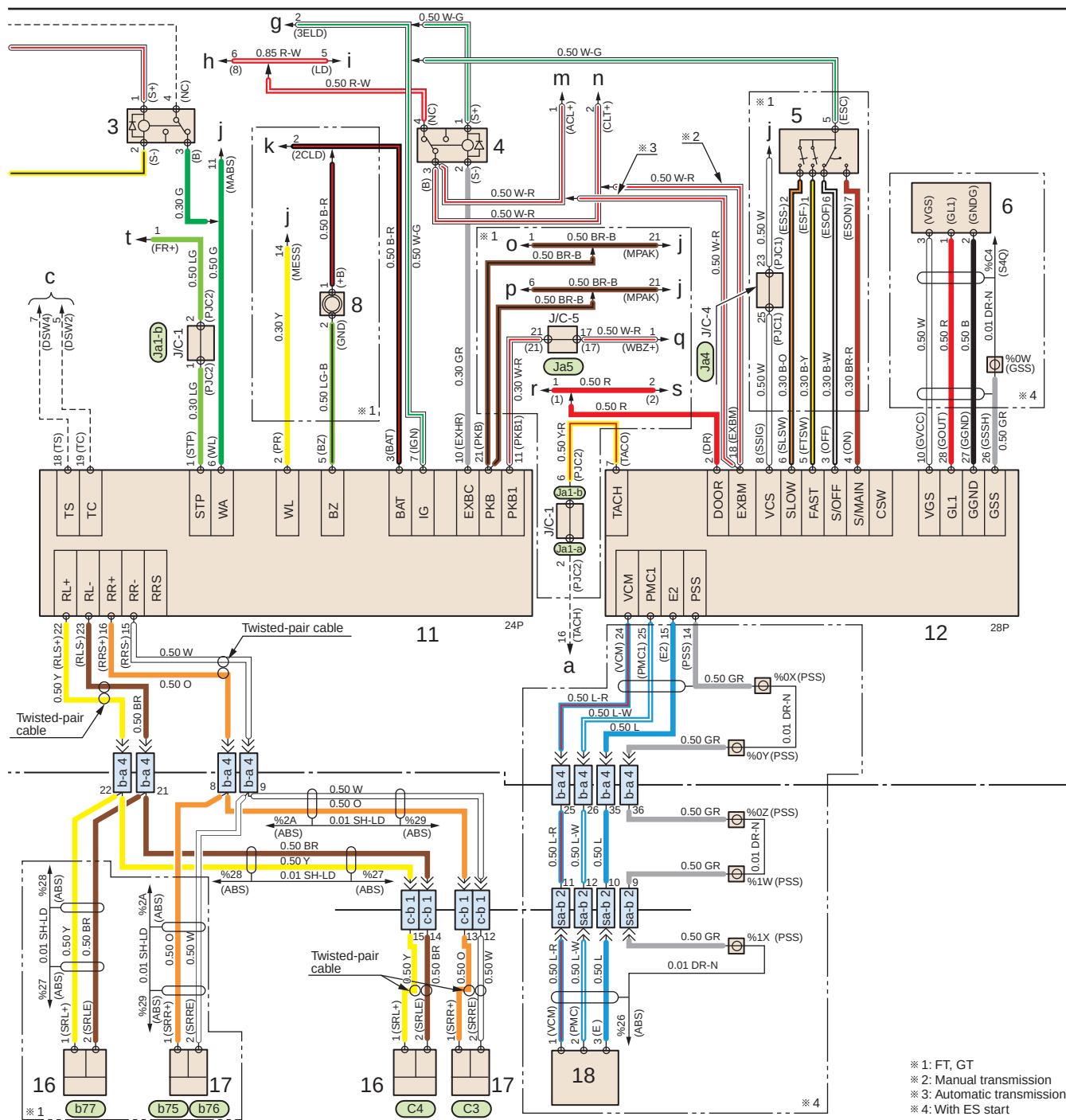




SHTS12Z160200133

HA. ABS+ES START CIRCUIT

1. ABS solenoid relay	10. ABS+ES start ECU (31 pin)
2. ABS motor relay	11. ABS+ES start ECU (24 pin)
3. ABS warning light relay	12. ABS+ES start ECU (28 pin)
4. Exhaust brake cut relay	13. Hydraulic unit
5. ES start main switch	14. Wheel sensor (Front LH)
6. G sensor	15. Wheel sensor (Front RH)
7. Clutch stroke sensor	16. Wheel sensor (Rear LH)
8. ES start warning buzzer	17. Wheel sensor (Rear RH)
9. ABS+ES start ECU (22 pin)	18. Master cylinder sensor (Brake fluid pressure sensor)

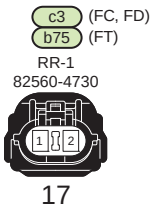
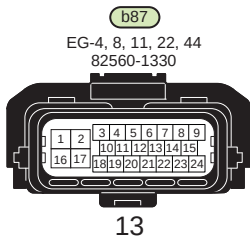
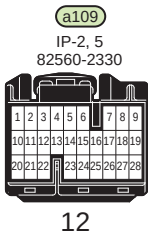
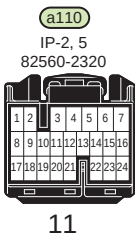
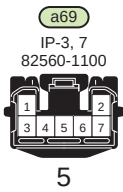


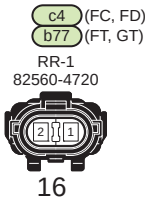
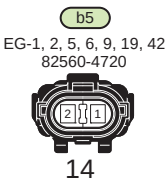
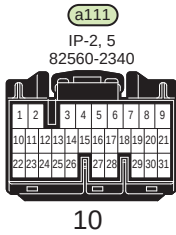
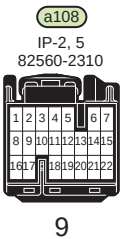
SHTS12Z160200134

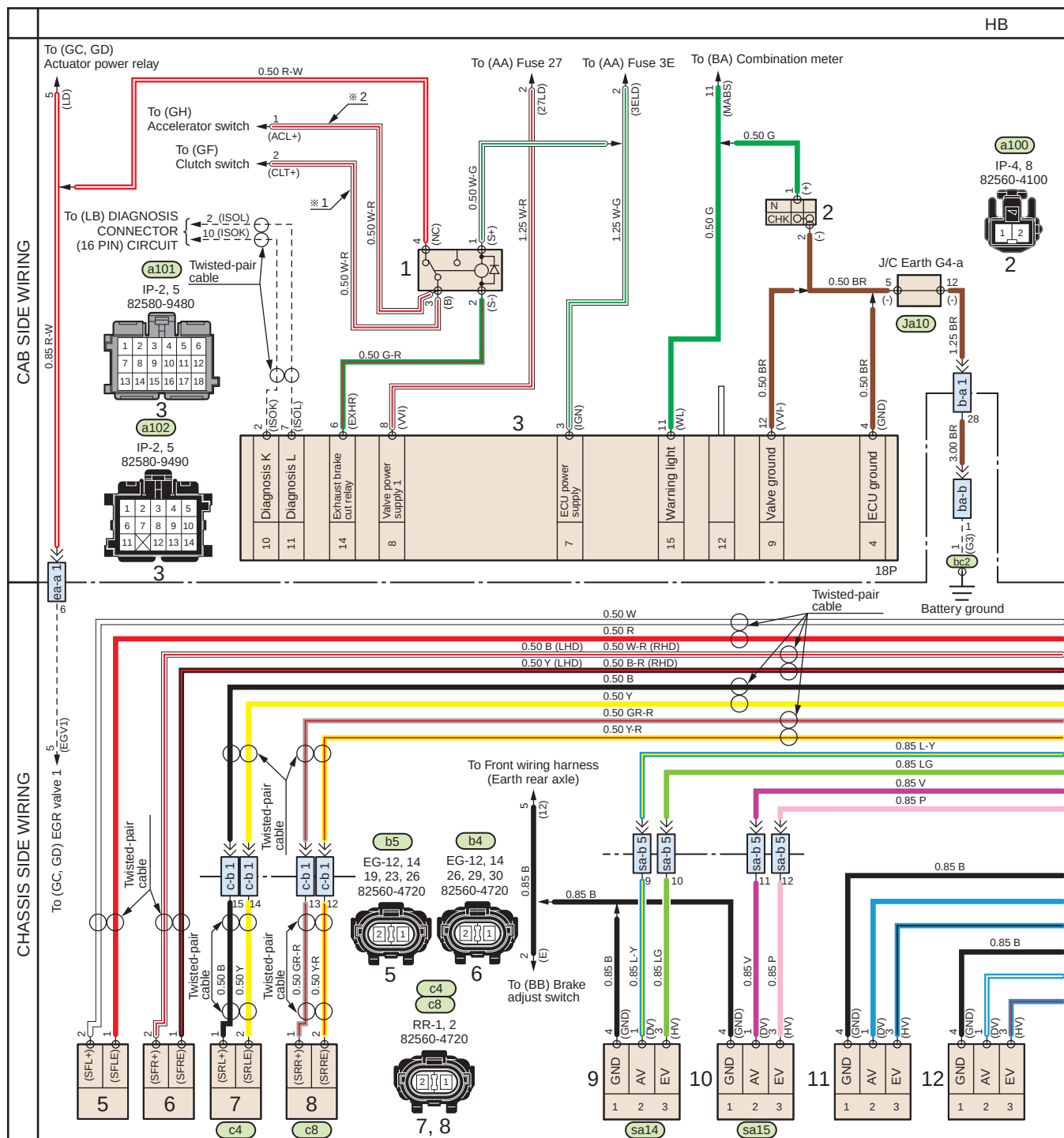
- a. To (GC, GD) Engine ECU
- b. To (AD) Neutral switch
- c. To (LA) Diagnosis connector (White)
- d. To (AA) Fuse 121
- e. To (LB) Diagnosis connector (16 pin) or DLC4
- f. To (AA) FL 12
- g. To (AA) Fuse 3E
- h. To (GC, GD) Engine wiring harness-1 (EGR valve)
- i. To (GC, GD) Actuator power relay
- j. To (BA) Combination meter

- k. To (AA) Fuse 2C
- m. To (GH) Accelerator switch
- n. To (GF) Clutch switch
- o. To (BA) Parking brake switch
- p. To (BC) Spring brake switch
- q. To (BA) Warning buzzer
- r. To (DA) Courtesy switch
- s. To (DA) Roof wiring harness (Dome light)
- t. To (CB) Stop light switch

CONNECTORS FOR CIRCUIT "HA"





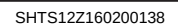


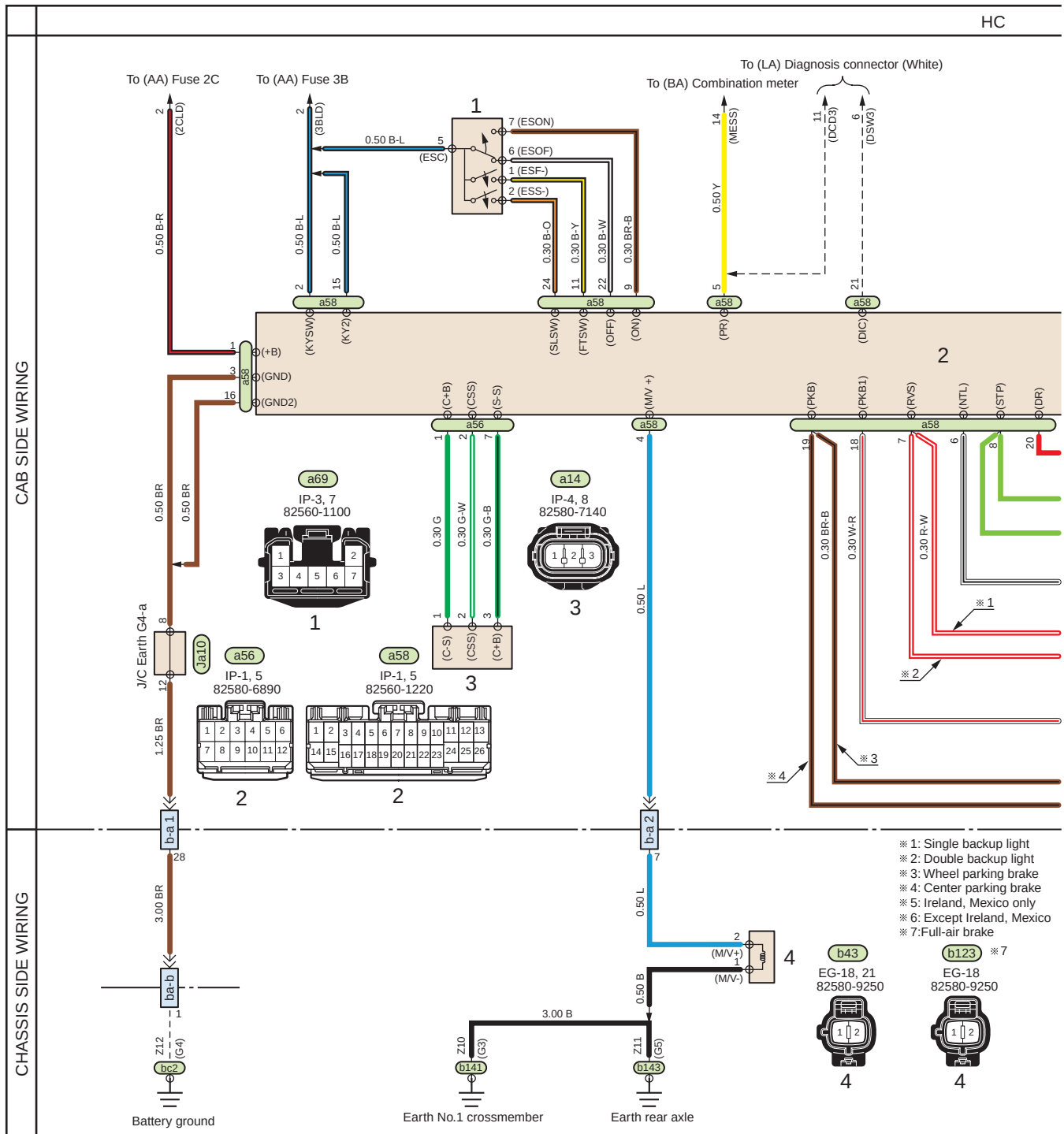
SHTS12Z160200137

HB. ABS CIRCUIT (WABCO)

1. Exhaust brake cut relay	9. Modulator (Rear LH) (Taiwan)
2. ABS diagnosis switch	10. Modulator (Rear RH) (Taiwan)
3. ABS ECU (18 pin)	11. Modulator
4. ABS ECU (14 pin)	(Front LH: Except Taiwan) (Front: Taiwan)
5. Wheel sensor (Front LH)	12. Modulator (Front RH) (Except Taiwan)
6. Wheel sensor (Front RH)	13. Modulator (Rear LH) (Except Taiwan)
7. Wheel sensor (Rear LH)	14. Modulator (Rear RH) (Except Taiwan)
8. Wheel sensor (Rear RH)	

4

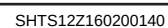


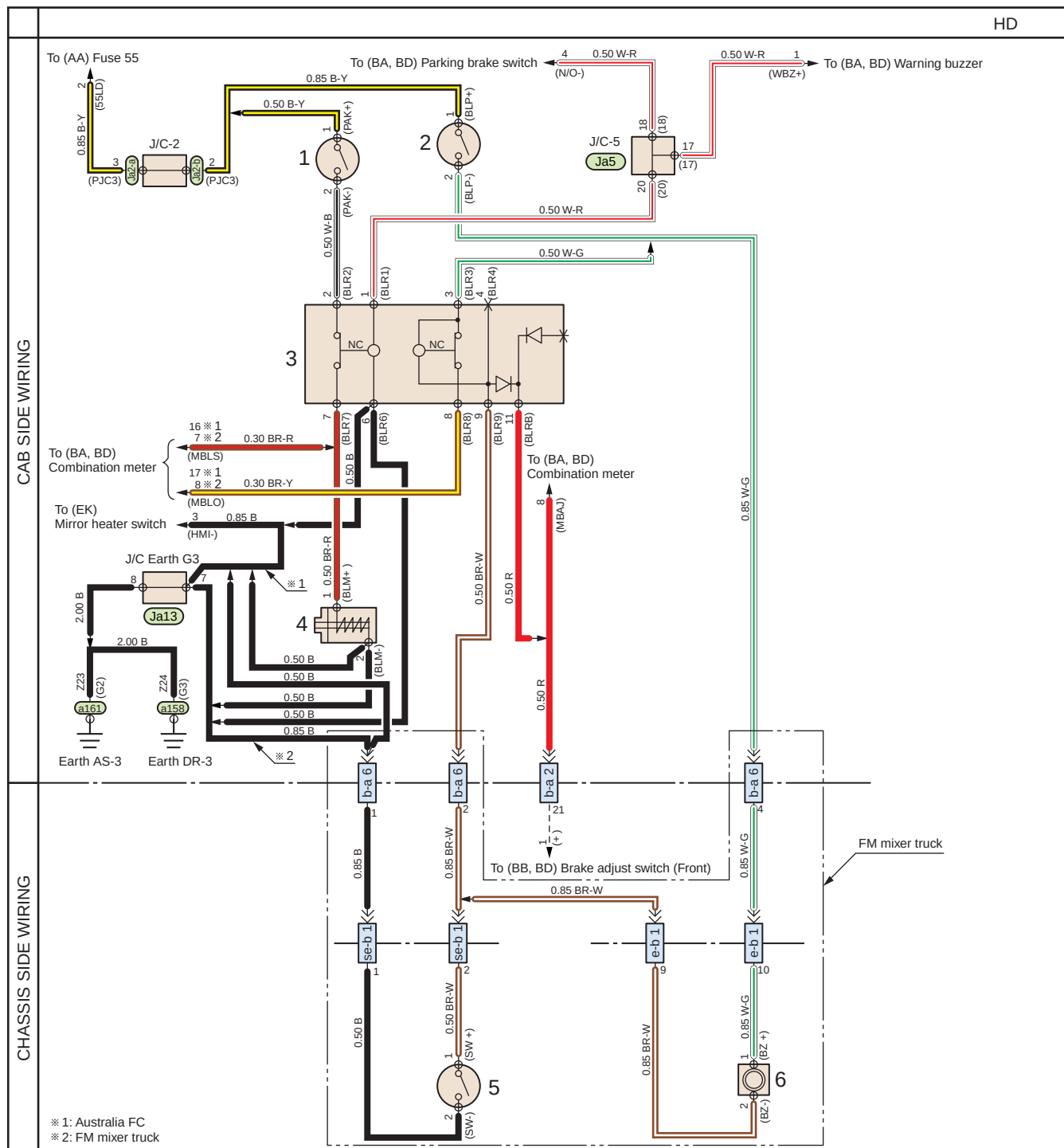


SHTS12Z160200139

HC. ES START CIRCUIT

1. ES start main switch
2. ES start controller
3. Clutch stroke sensor
4. ES start control valve
5. Brake switch

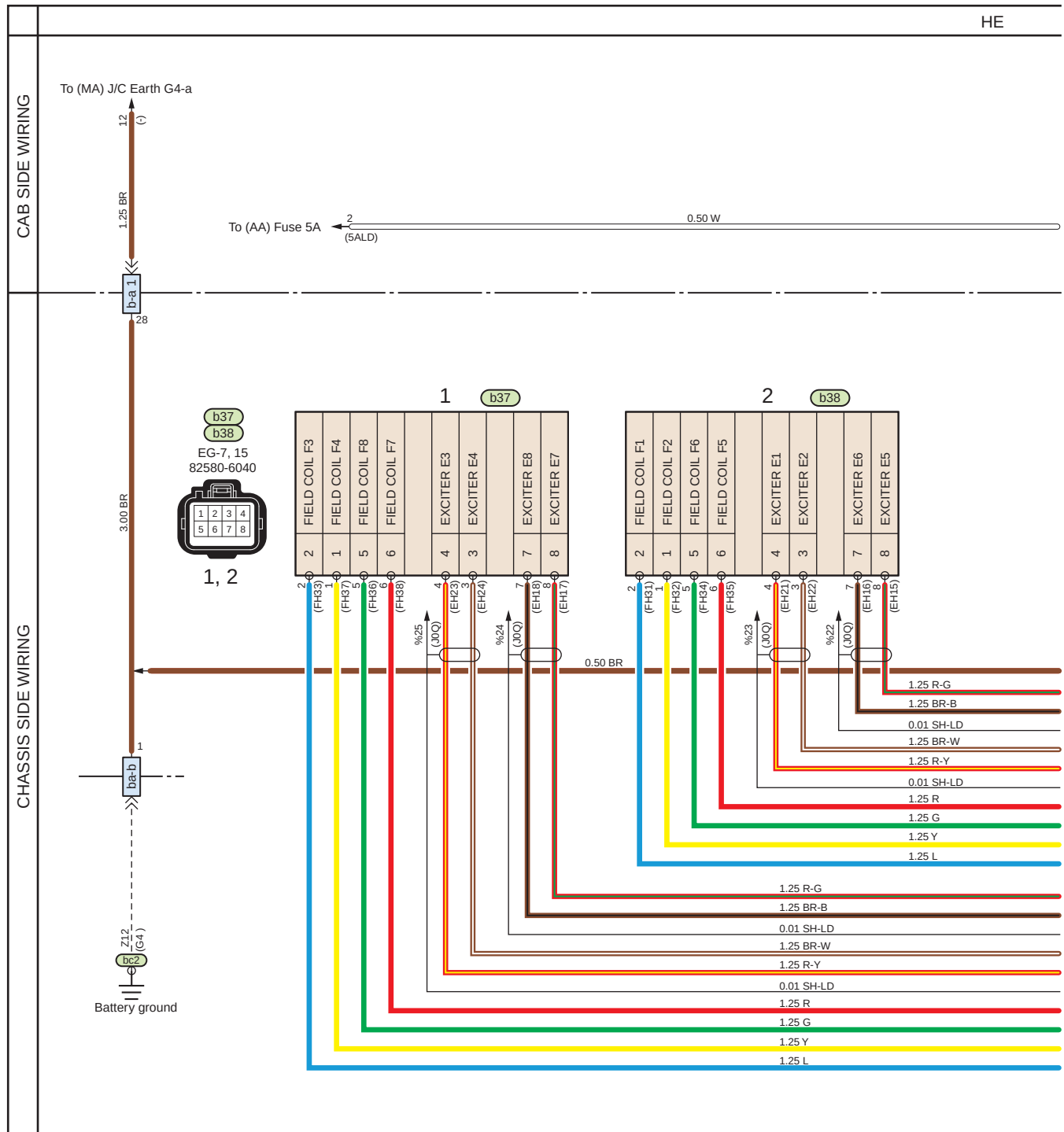




SHTS12Z160200141

HD. BRAKE LOCK CIRCUIT

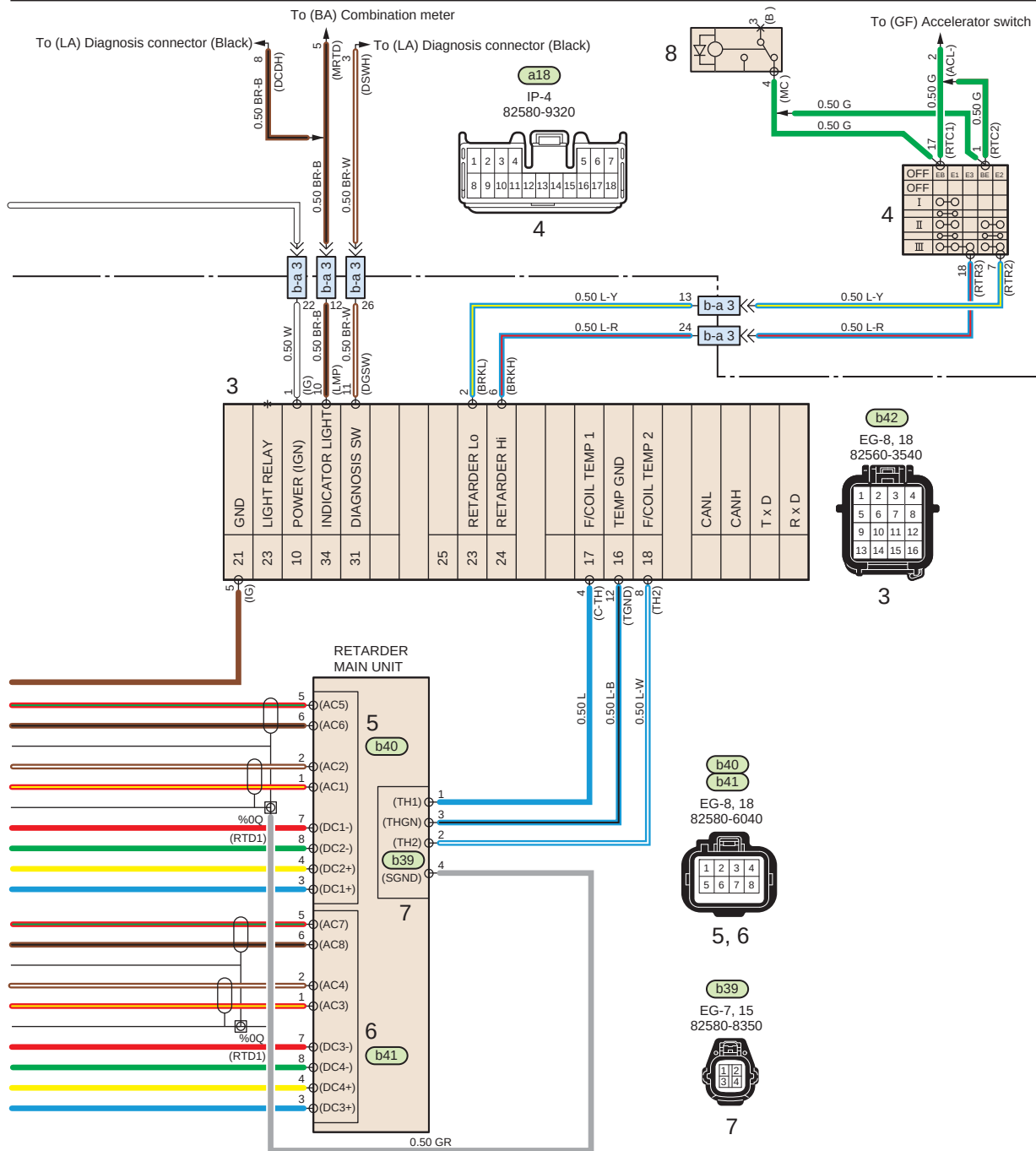
1. Parking brake lever switch
2. Brake lock control valve position switch
3. Brake lock relay
4. Brake lock control magnetic valve
5. Brake lock pressure switch
6. Brake lock buzzer



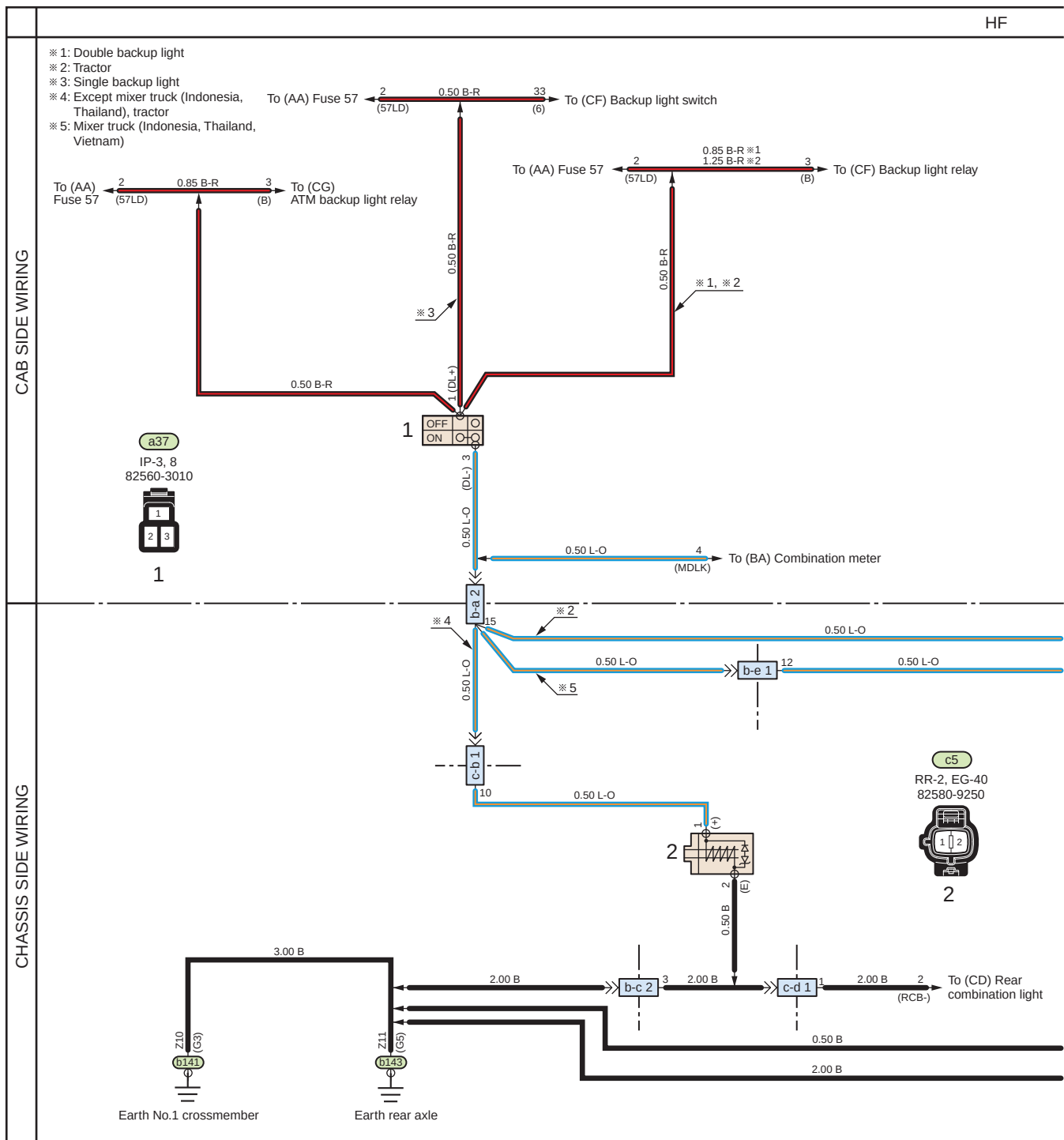
SHTS12Z160200143

HE. ELECTROMAGNETIC RETARDER CIRCUIT

1. Retarder ECU (Drive unit main 1)
2. Retarder ECU (Drive unit main 2)
3. Retarder ECU (Control unit)
4. Wiper and retarder switch
5. Retarder main unit (Main 1)
6. Retarder main unit (Main 2)
7. Retarder main unit (Thermistor)
8. Exhaust brake cut relay



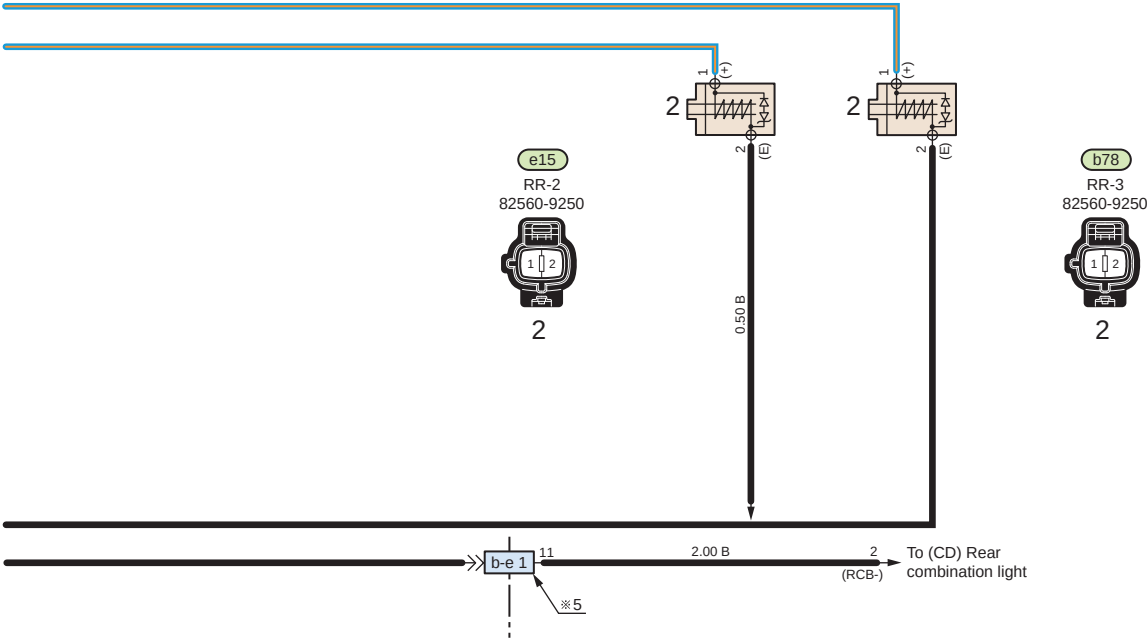
HF

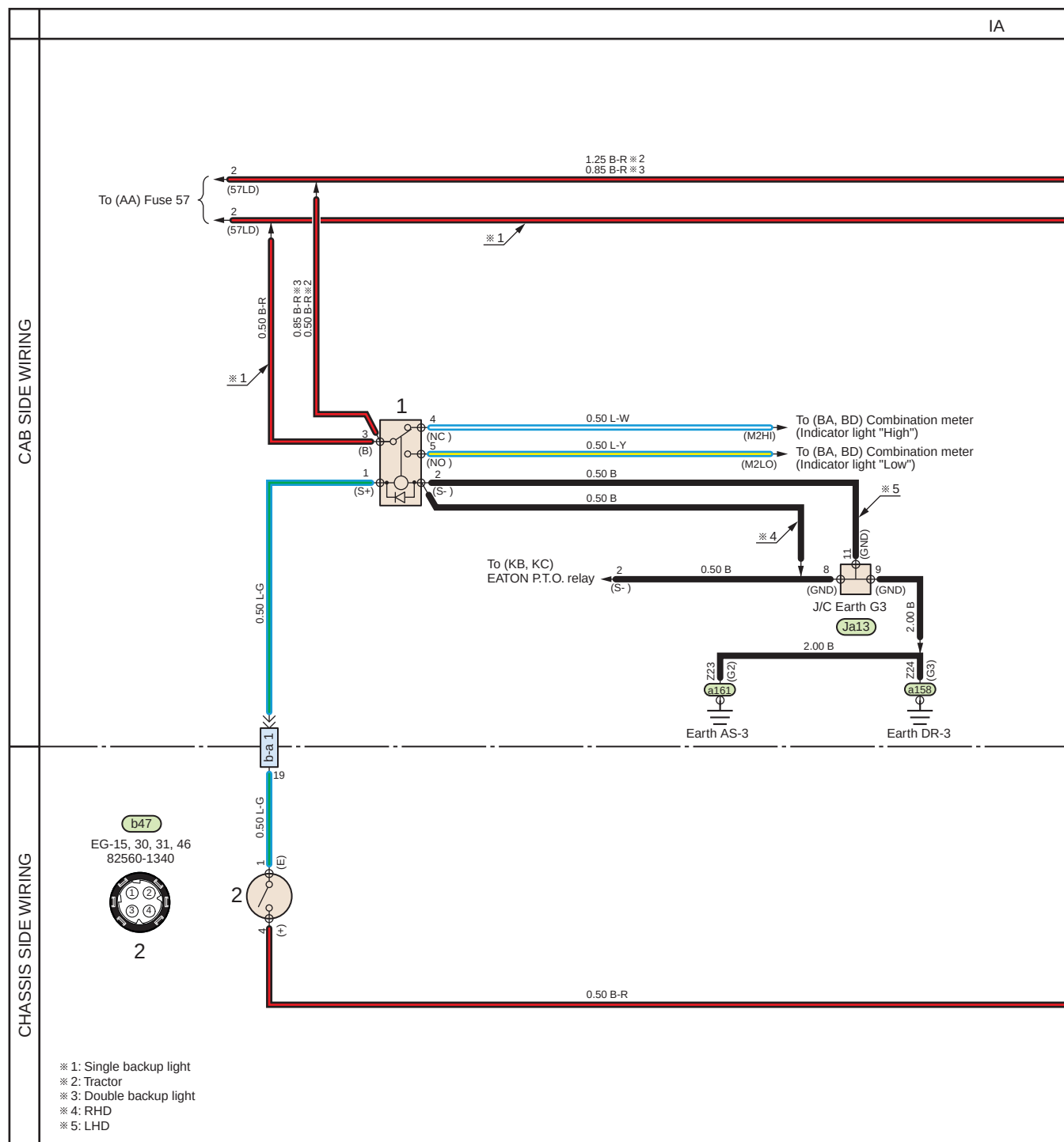


SHTS12Z160200145

HF. INTER-AXLE DIFFERENTIAL LOCK CIRCUIT

1. Differential lock switch
2. Differential lock magnetic valve

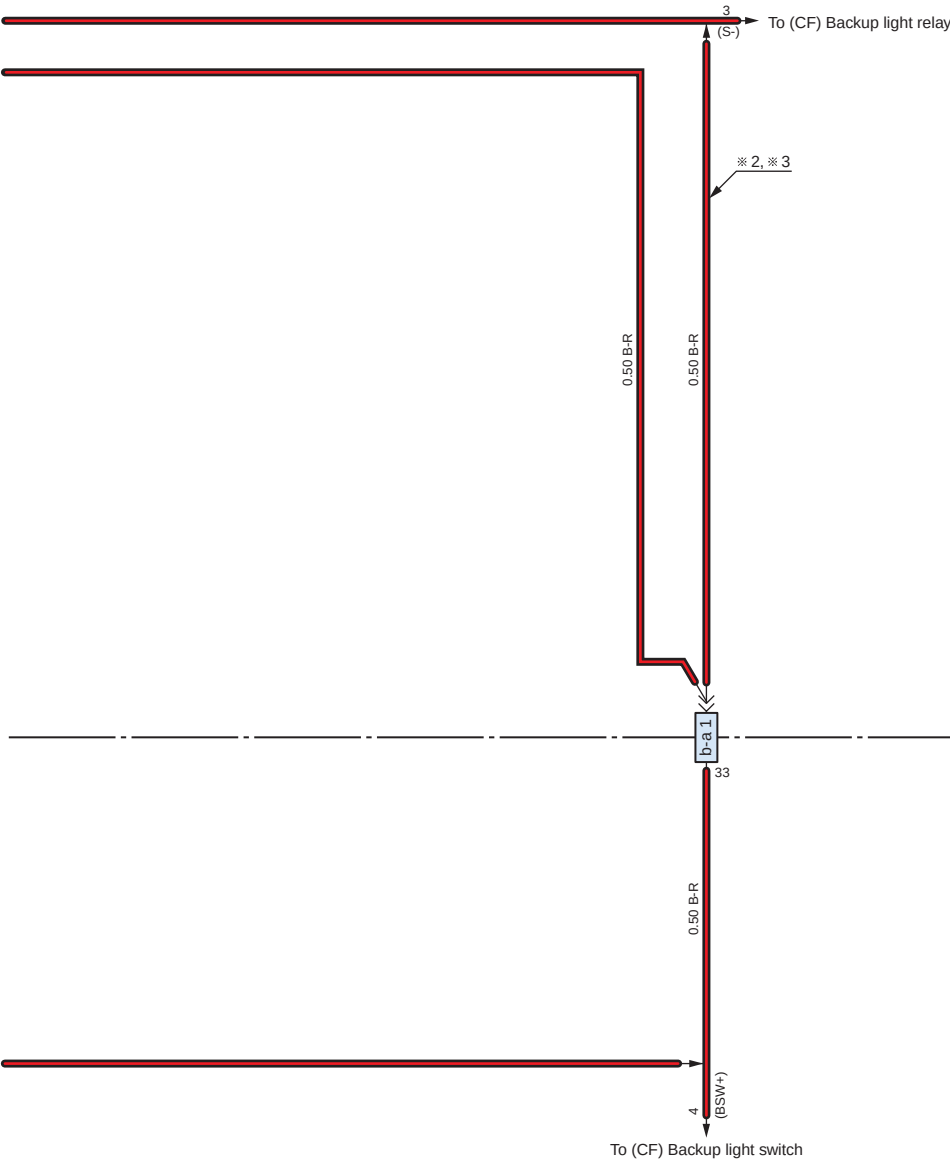


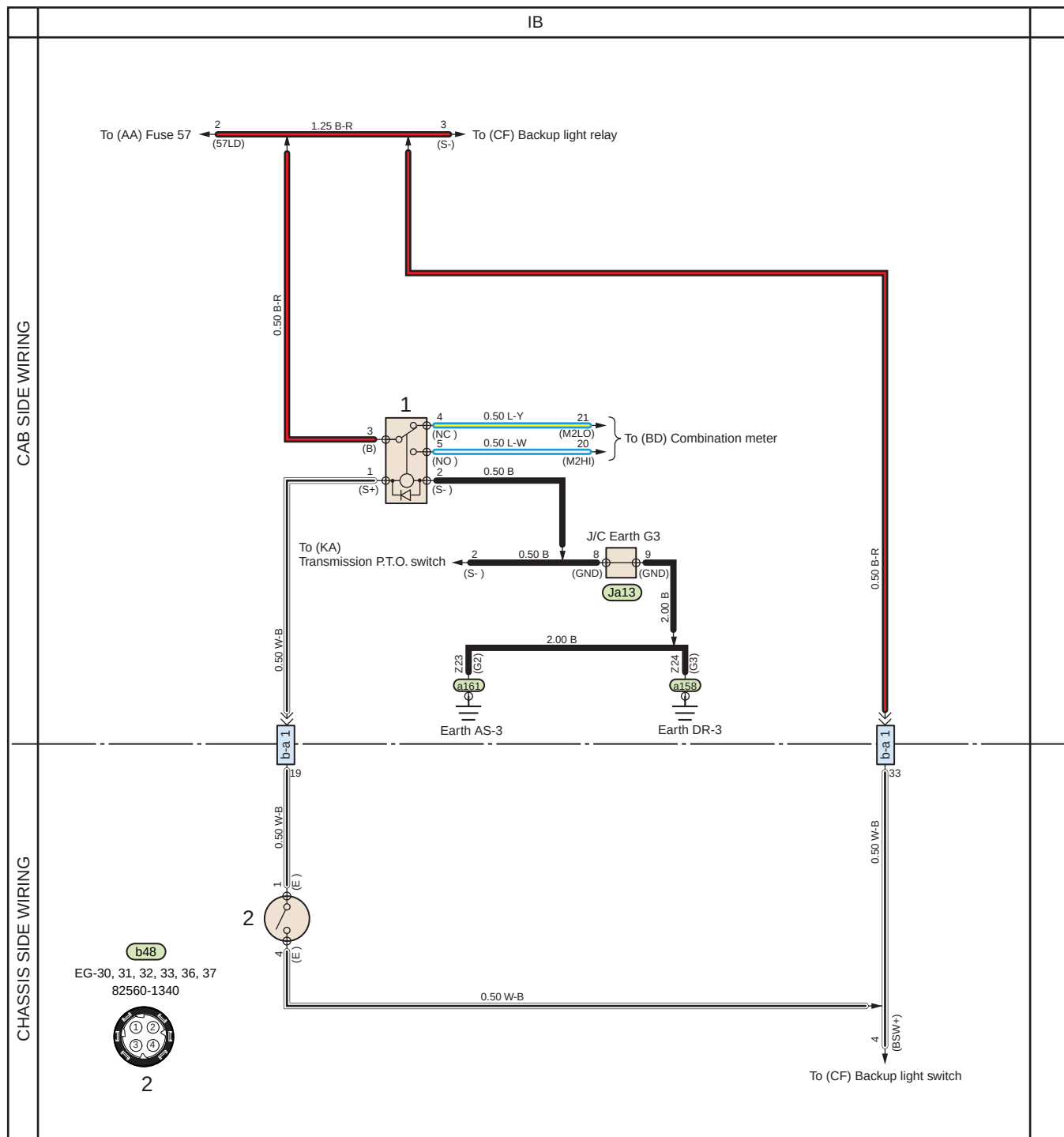


SHTS12Z160200147

IA. TRANSMISSION CONTROL CIRCUIT (MODELS WITH EATON FS6109/8209 TRANSMISSION)

1. Lo-Hi indicator light relay
2. Range Lo switch



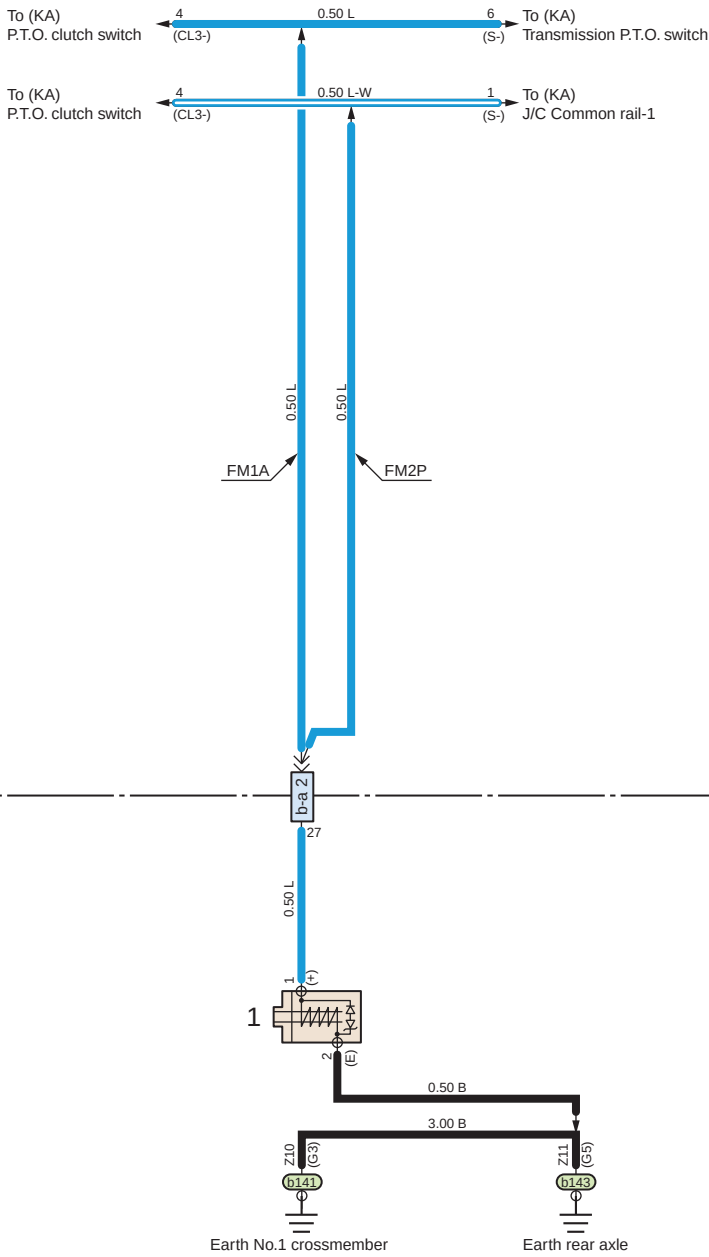


SHTS12Z160200149

IB. TRANSMISSION CONTROL CIRCUIT (MODELS WITH ZF9S109 AND ZF9S1110/1310 TRANSMISSION)

1. Lo-Hi indicator light relay
2. Range Hi switch

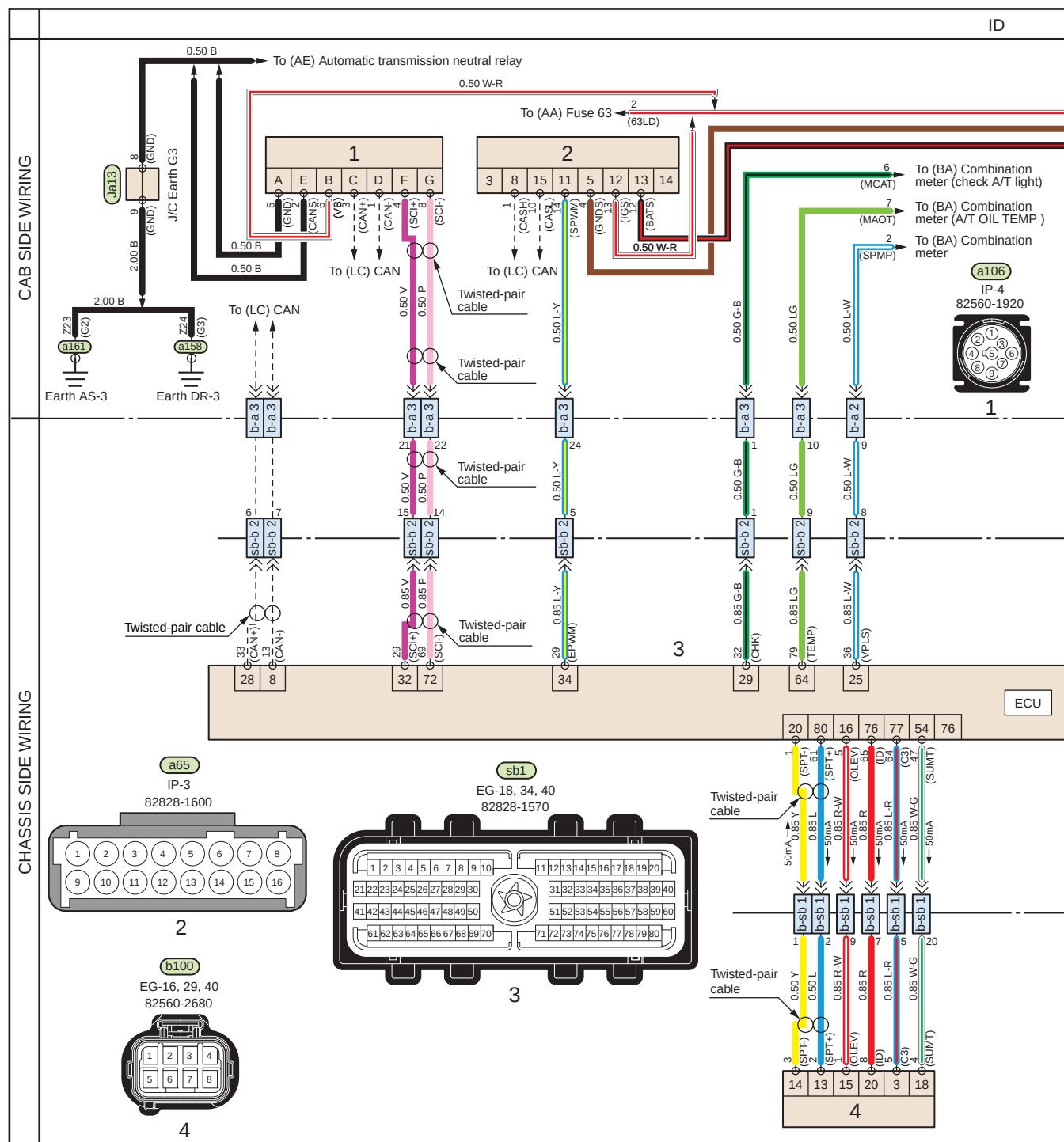
IC

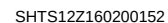


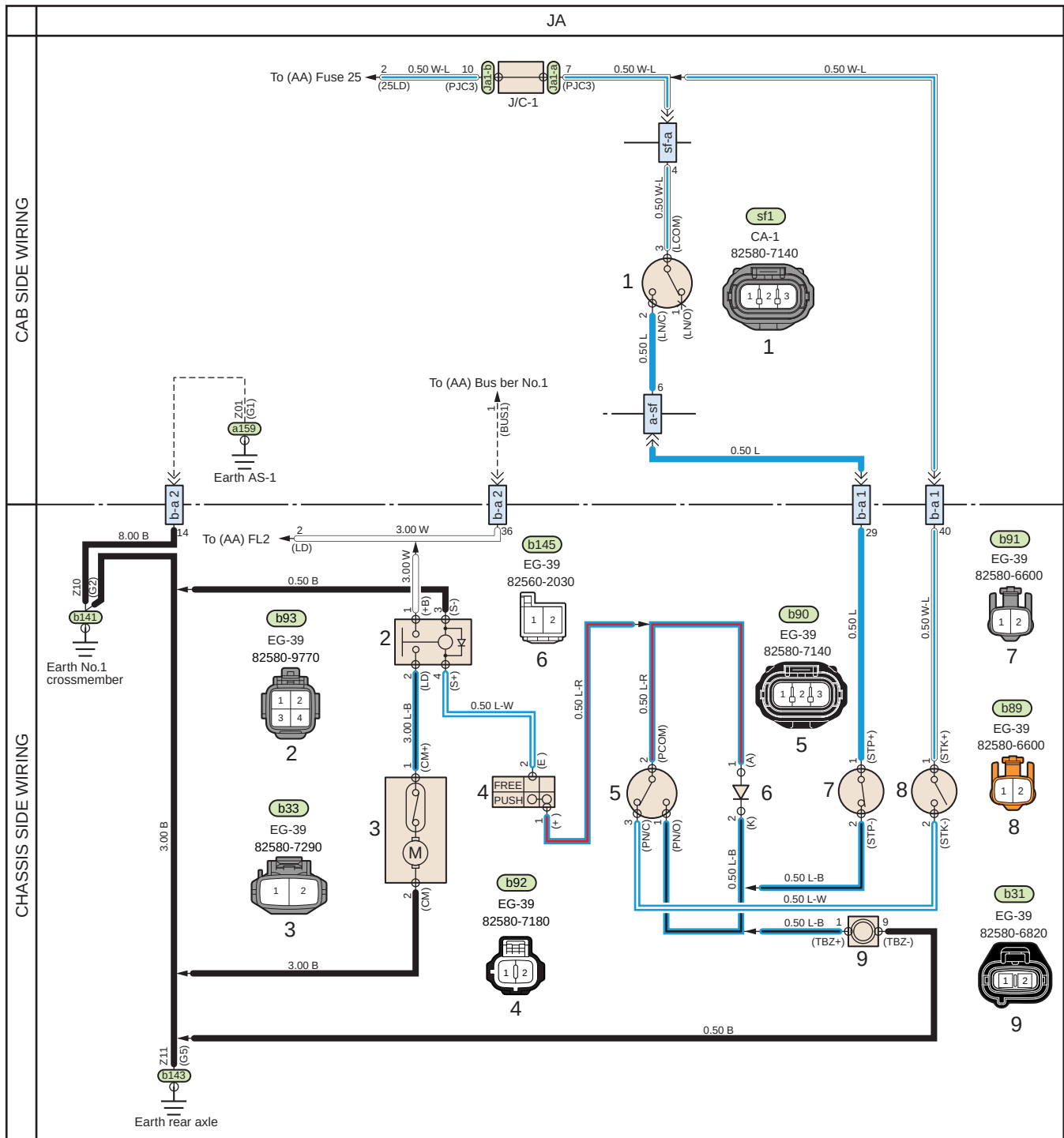
SHTS12Z160200150

IC. ZF9S1310 TRANSMISSION POWER SHIFT CIRCUIT

- 1. ZF power shift magnetic valve



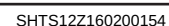




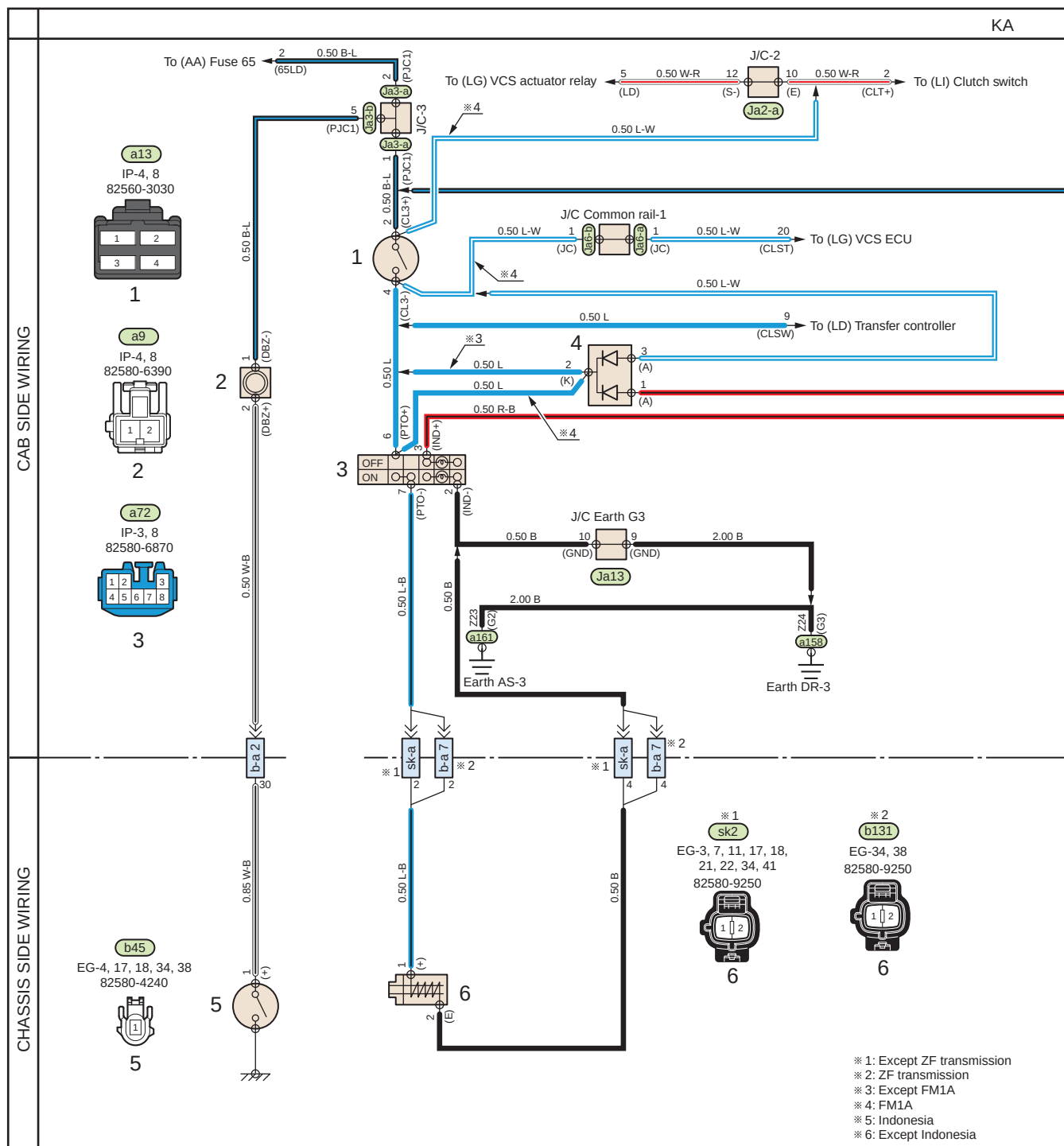
SHTS12Z160200153

JA. CAB TILT CIRCUIT (FOR SINGLE CAB)

1. Cab tilt lock switch
2. Cab tilt relay
3. Cab tilt motor
4. Cab tilt switch
5. Cab tilt position switch
6. Cab tilt diode No.1
7. Cab tilt stop switch
8. Cab tilt stroke switch
9. Cab tilt buzzer



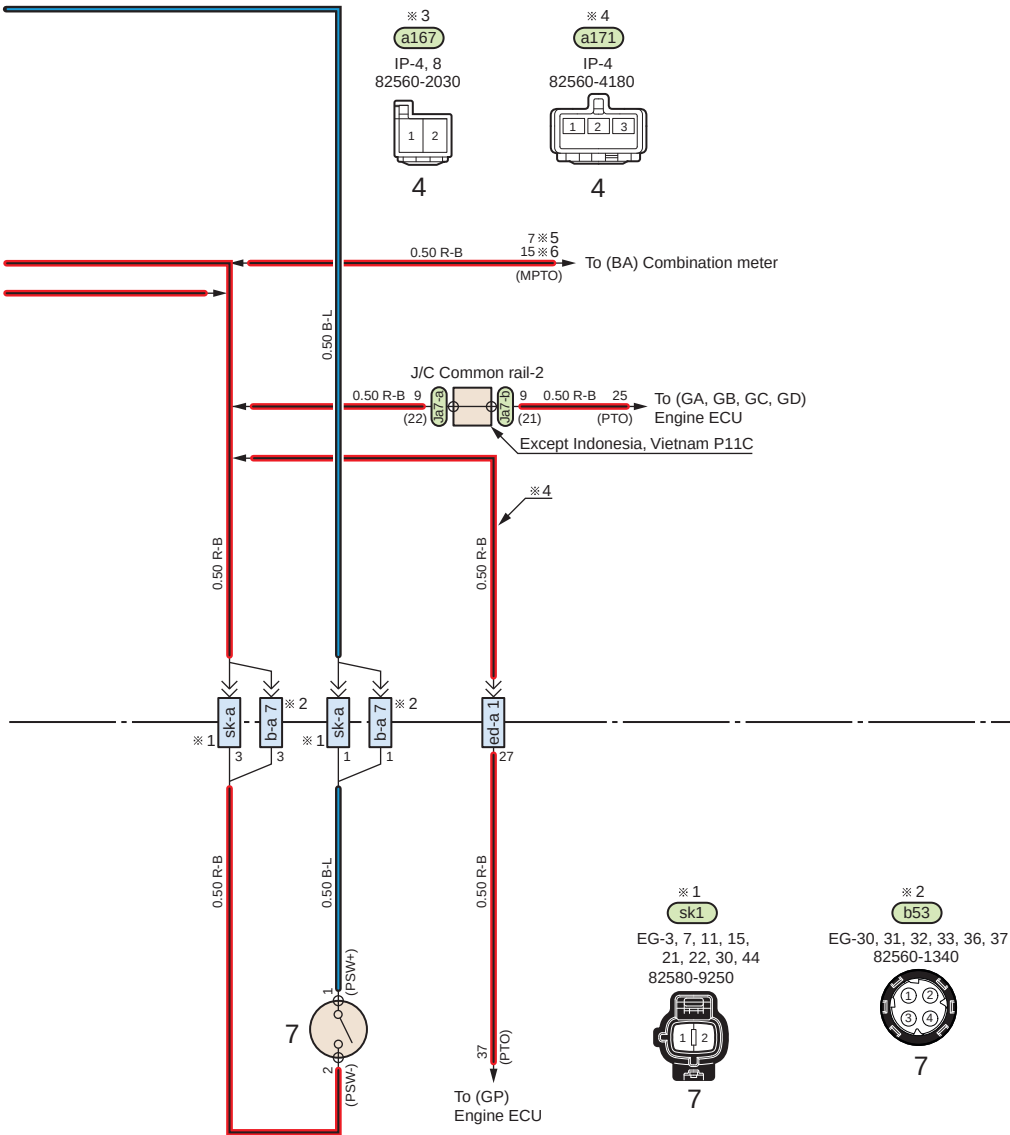
1. Cab tilt lock switch
2. Cab tilt stop switch
3. Cab tilt solenoid valve
4. Cab tilt down relay
5. Cab tilt up relay
6. Cab tilt diode No.1
7. Cab tilt diode No.2
8. Cab tilt relay
9. Cab tilt switch
10. Cab tilt motor
11. Cab tilt buzzer

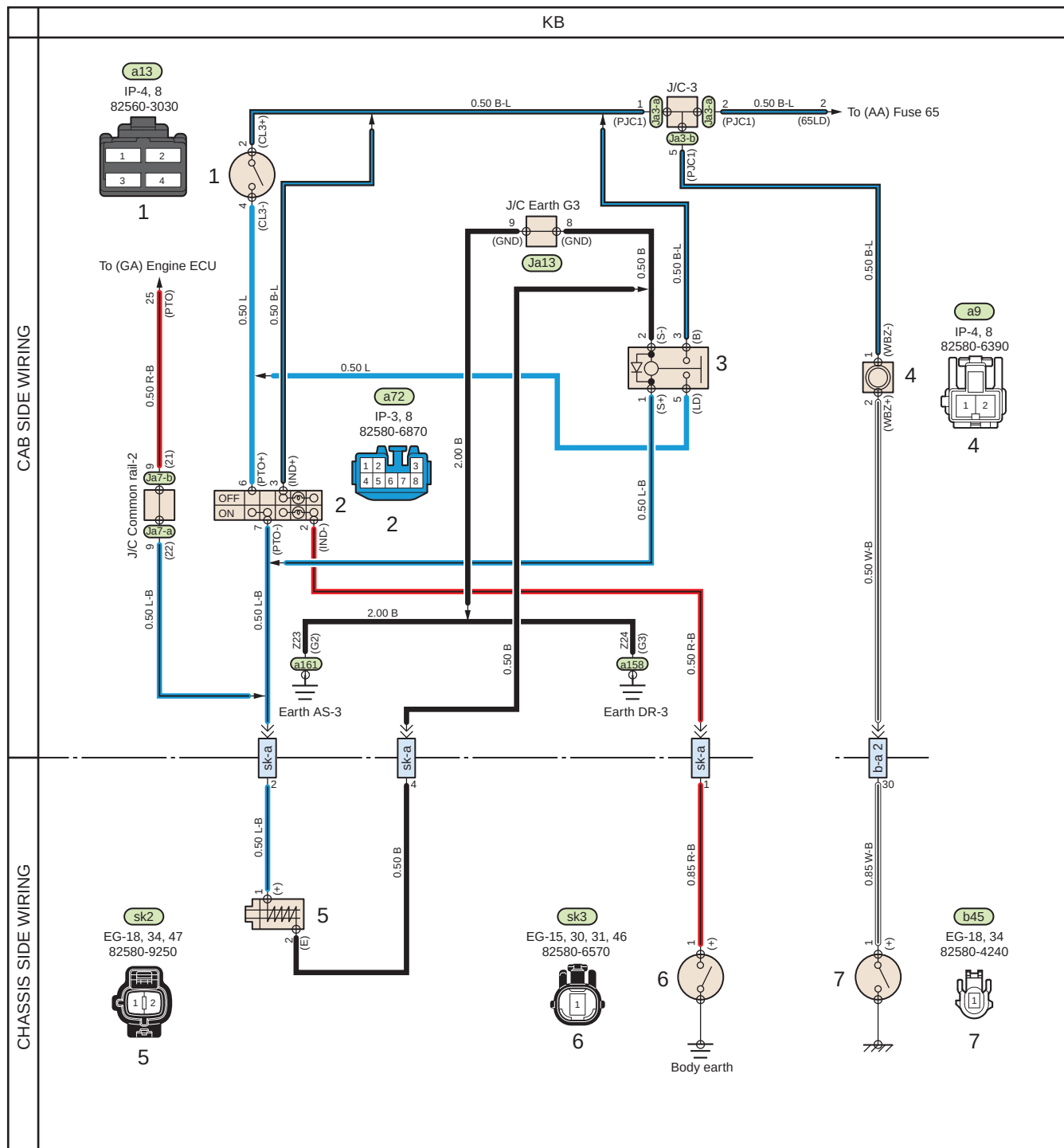


SHTS12Z160200155

KA. TRANSMISSION P.T.O. CONTROL CIRCUIT**(MODELS WITH LX06S, LJ06S, MF06S, HK06S, ZF9S109 AND Z9S1110/1310 TRANSMISSION)**

1. P.T.O. clutch switch
2. Dump warning buzzer
3. Transmission P.T.O. switch
4. P.T.O. diode
5. Dump up switch
6. P.T.O. magnetic valve
7. P.T.O. position switch

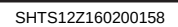




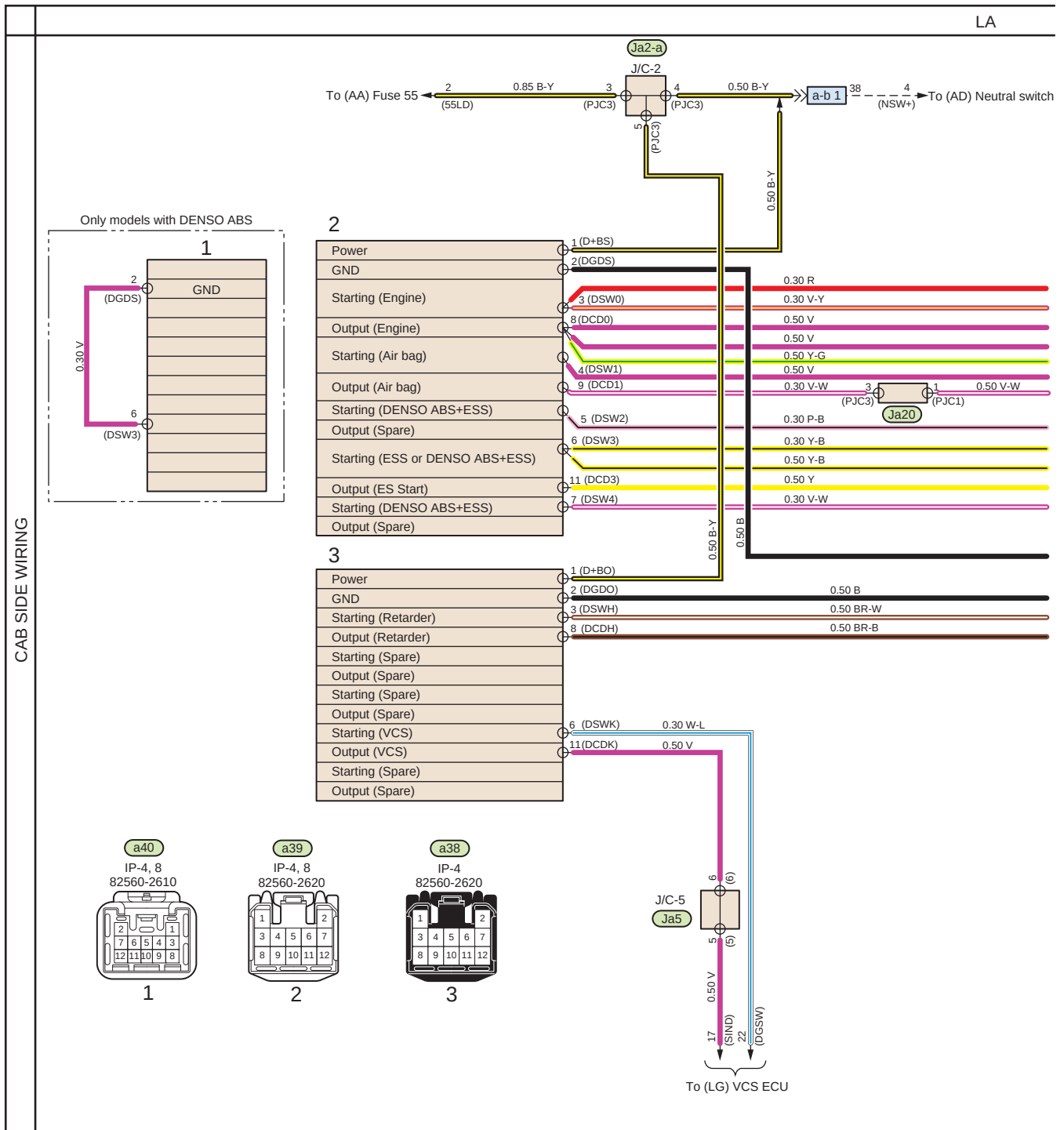
SHTS12Z160200157

KB. TRANSMISSION P.T.O. CONTROL CIRCUIT [MODELS WITH EATON TRANSMISSION (EXCEPT TAIWAN)]

1. P.T.O. clutch switch
2. Transmission P.T.O. switch
3. EATON P.T.O. relay
4. Dump warning buzzer
5. P.T.O. magnetic valve
6. P.T.O. position switch
7. Dump up switch



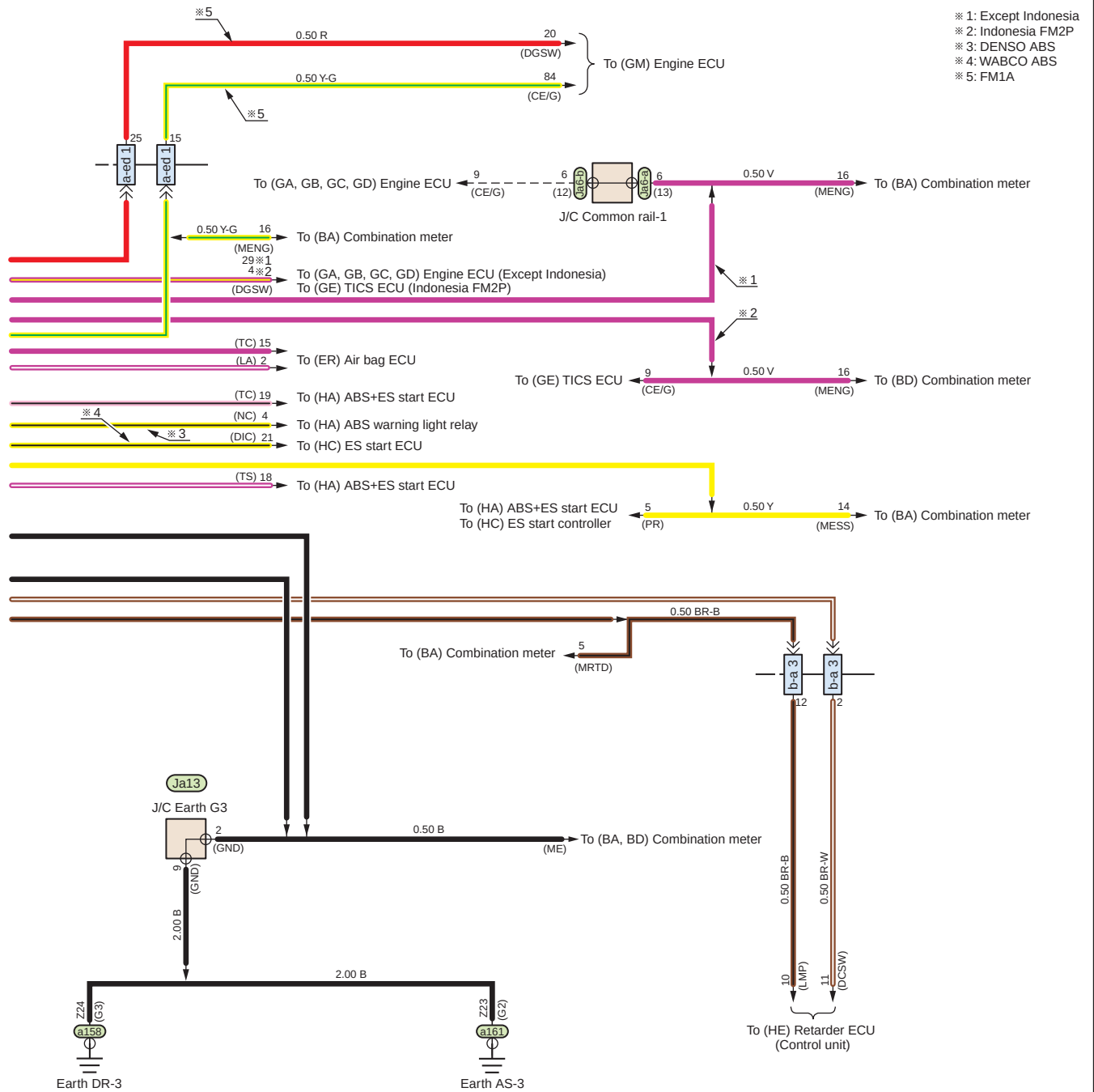
1. P.T.O. clutch switch
2. P.T.O. diode
3. Transmission P.T.O. switch
4. P.T.O. magnetic valve
5. EATON P.T.O. relay

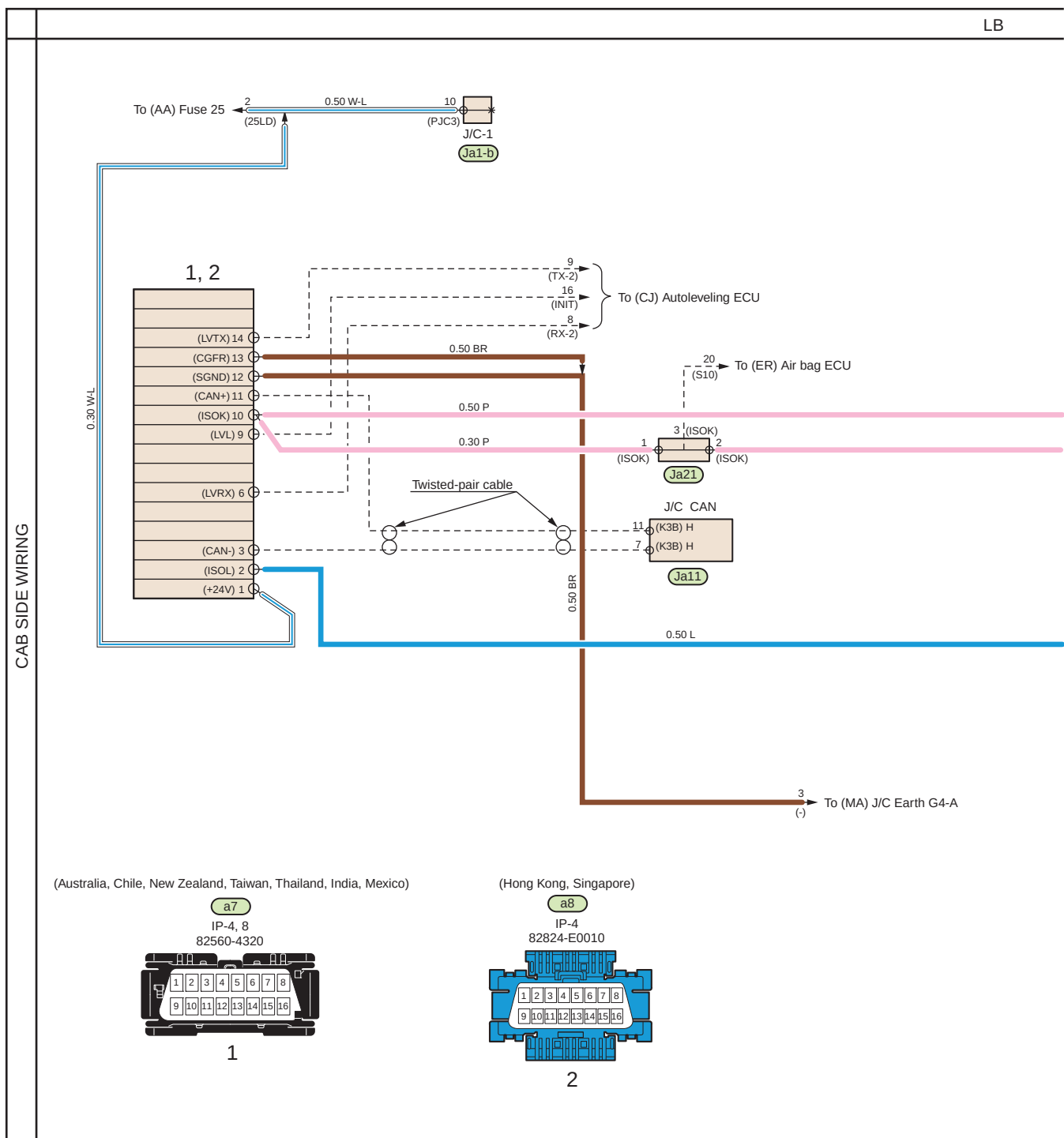


SHTS12Z160200159

LA. DIAGNOSIS MONITOR CIRCUIT

1. Diagnosis short circuit connector
2. Diagnosis connector (White)
3. Diagnosis connector (Black)



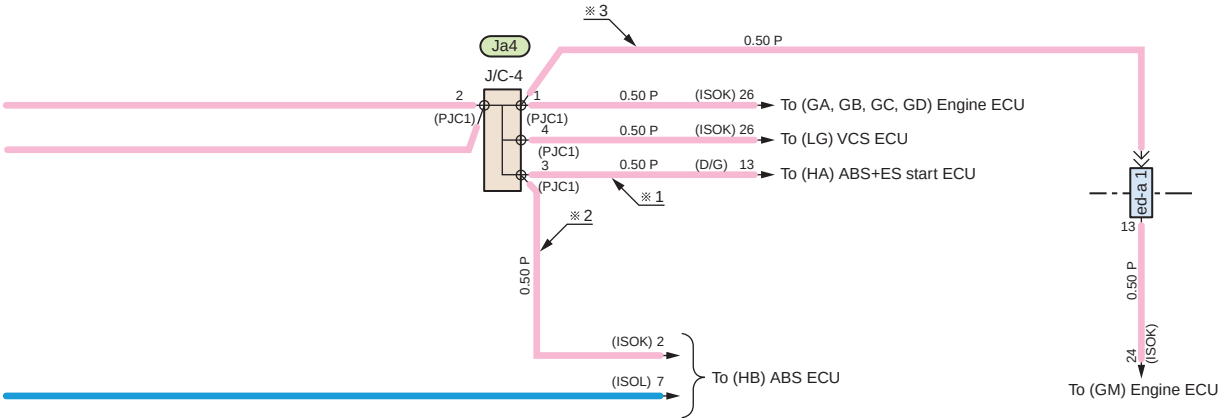


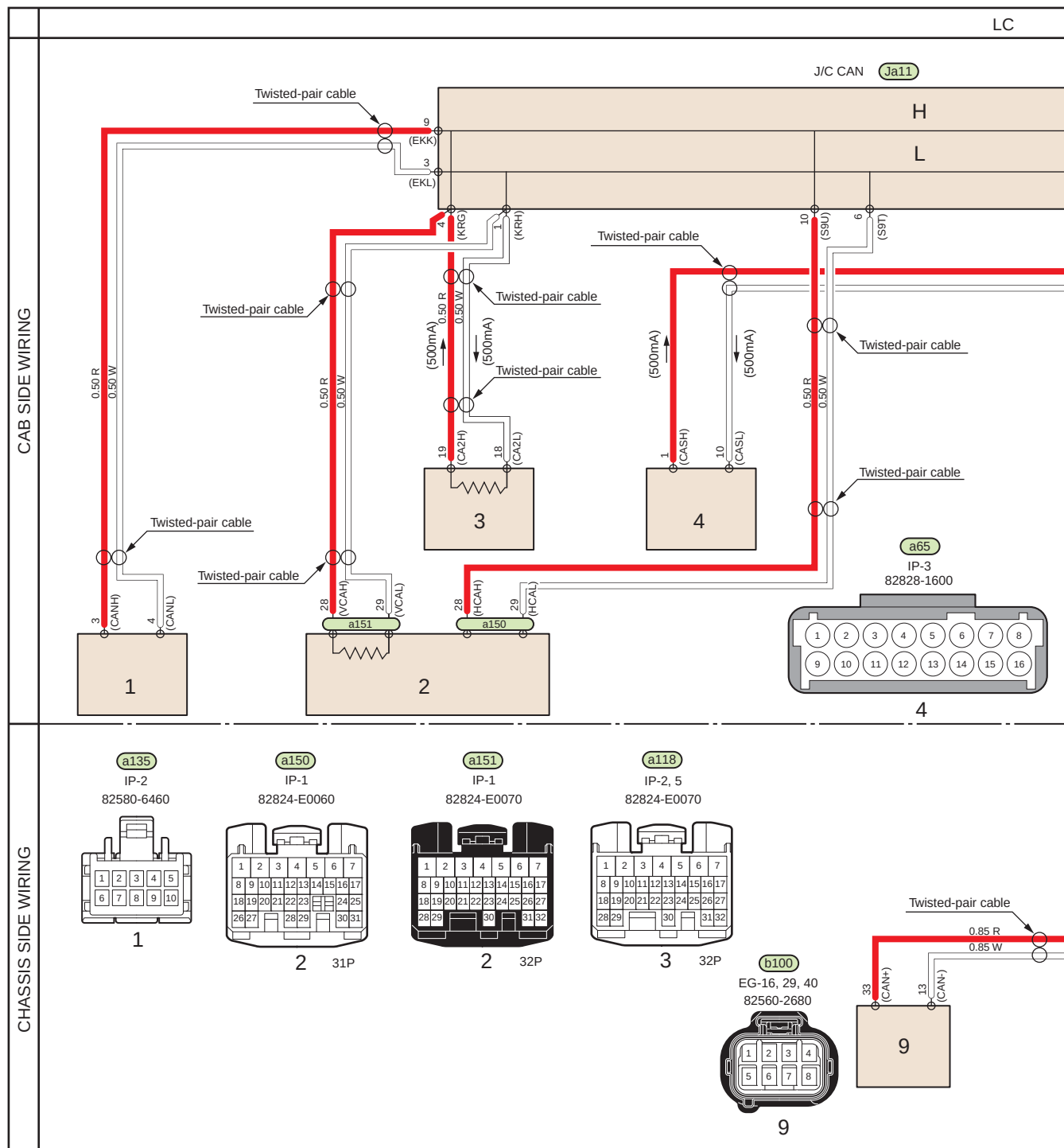
SHTS12Z160200161

LB. DIAGNOSIS CONNECTOR (16 PIN) CIRCUIT

1. Diagnosis connector (16 pin)
2. DLC4

- ※ 1: DENSO ABS
- ※ 2: WABCO ABS
- ※ 3: FM1A

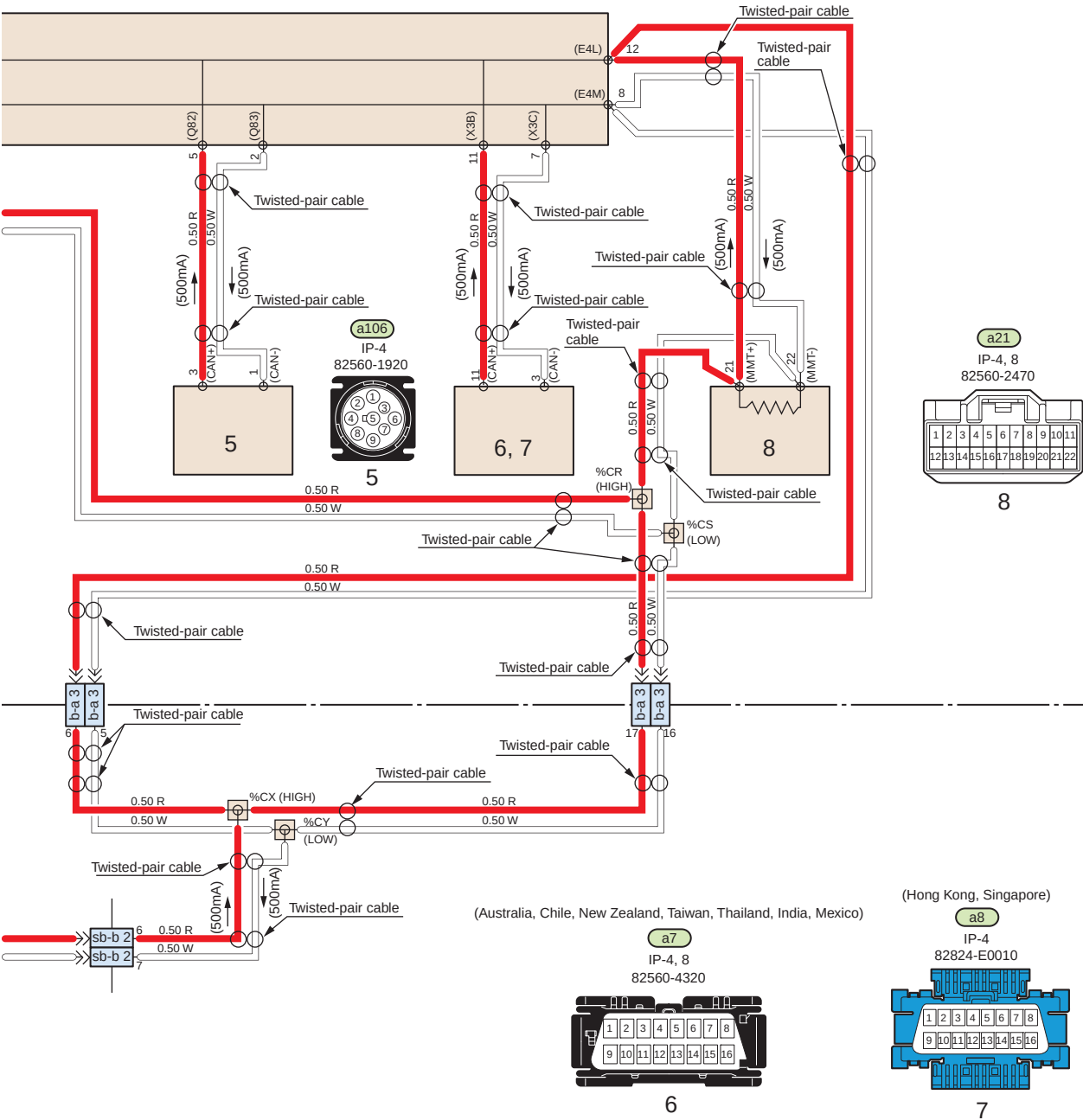


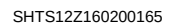


SHTS12Z160200163

LC. CAN (CONTROLLER AREA NETWORK) CIRCUIT

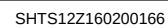
1. Drive master unit
2. VCS ECU (A09C)
3. Engine ECU (Except A09C)
4. Automatic transmission shift selector
5. Diagnosis connector (ATM)
6. Diagnosis connector (16 pin)
7. DLC4
8. Combination meter
9. Automatic transmission ECU

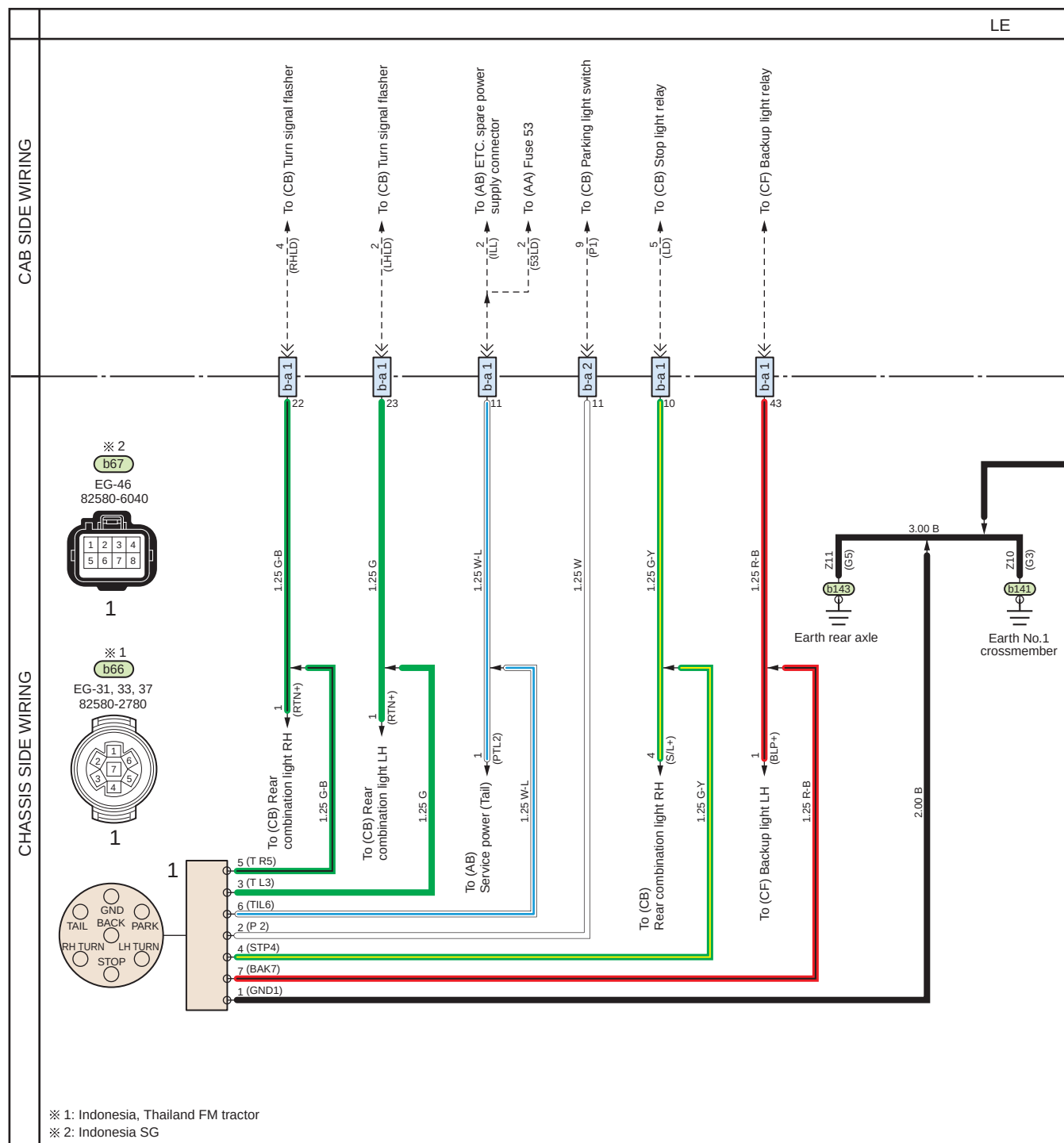




1. P.T.O. clutch switch
2. Transfer High/Low selector switch
3. 4WD selector switch
4. Transfer controller
5. Transfer control magnetic valve
(Holding low position)
6. Transfer control magnetic valve (Holding)

7. Transfer control magnetic valve (4WD/2WD change)
8. Transfer control magnetic valve (High/Low change)
9. Transfer warning buzzer
10. Neutral switch
11. 4WD detection switch
12. High detection switch
13. Low detection switch

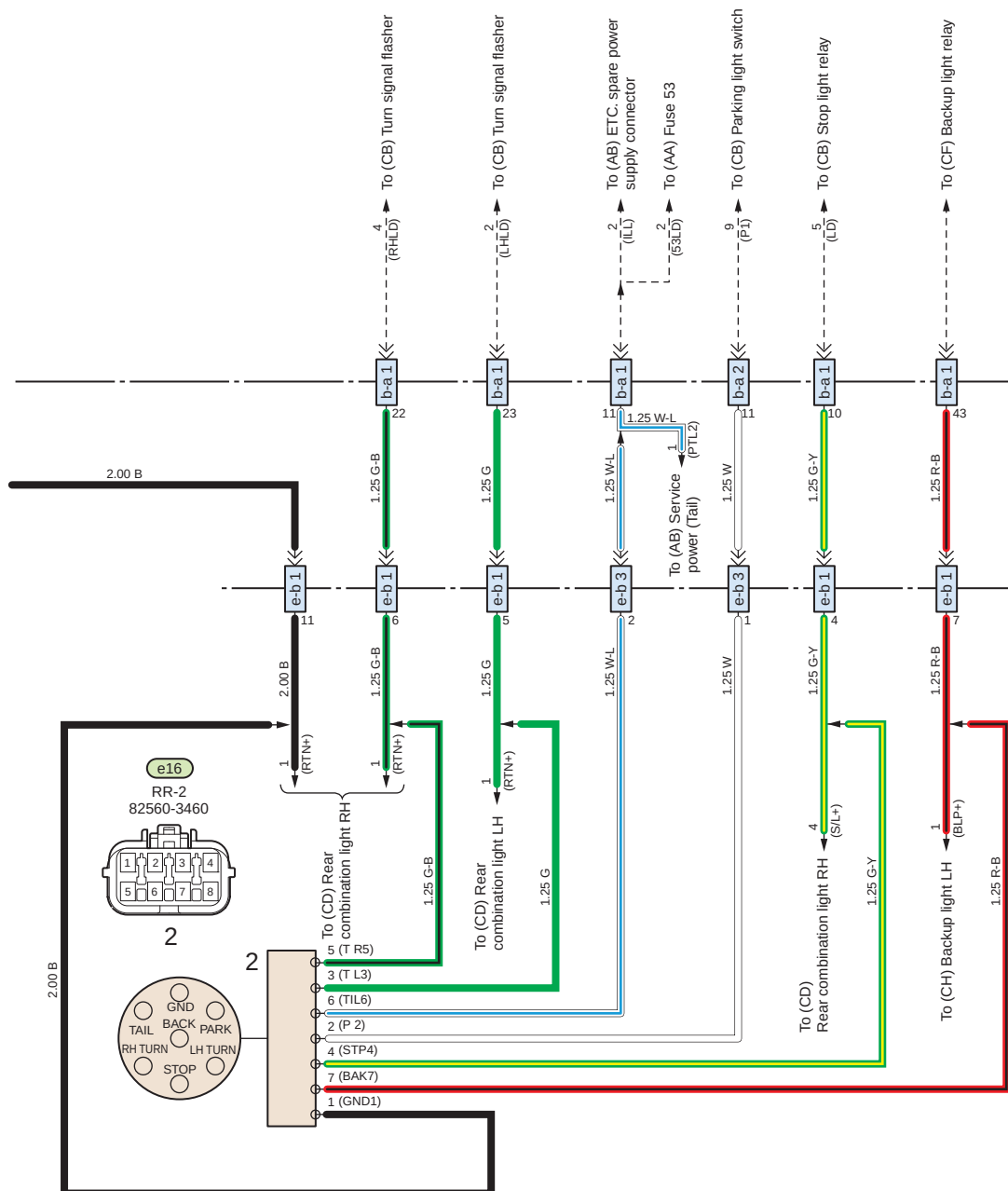


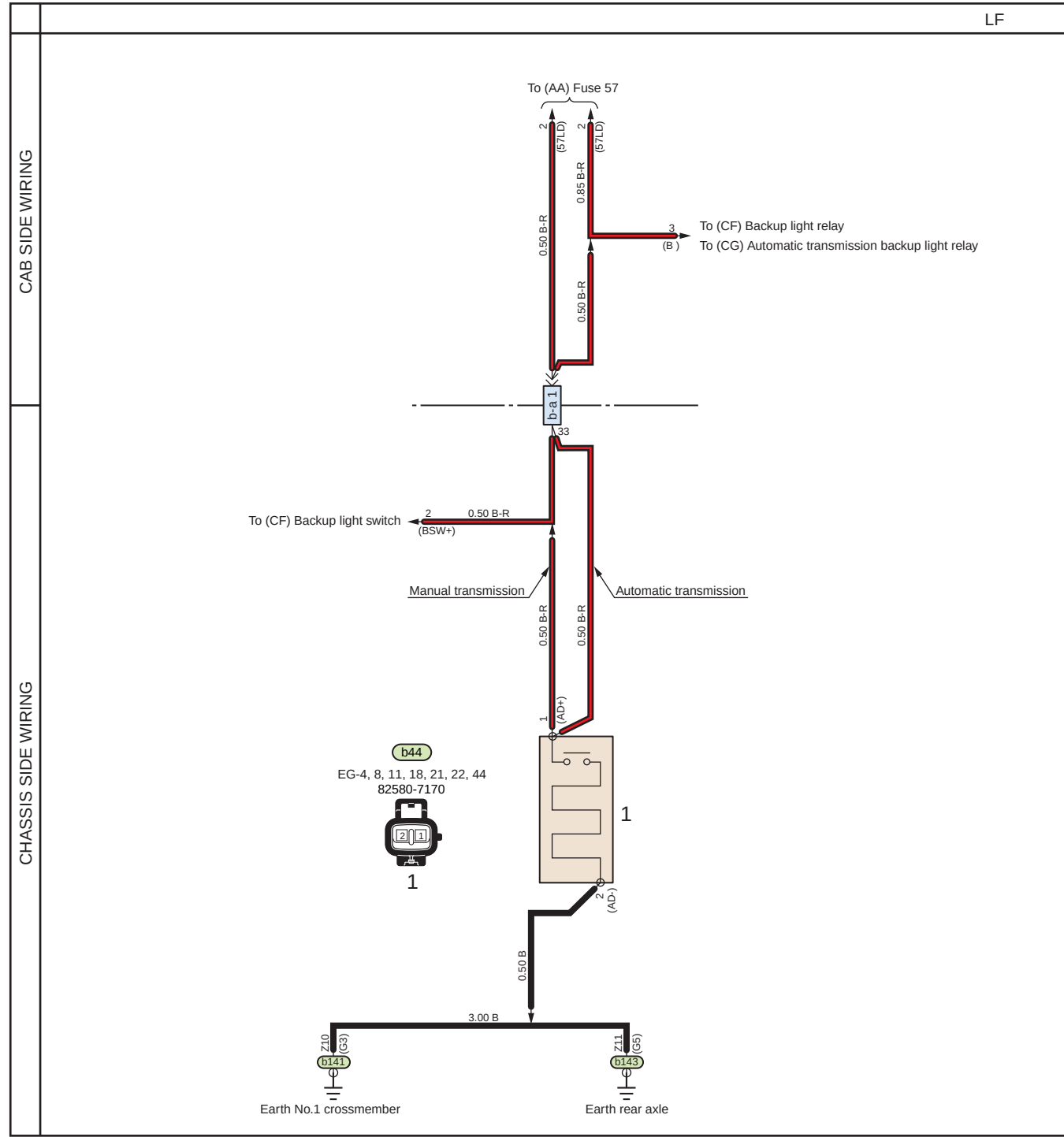


SHTS12Z160200167

LE. TRAILER CONNECTOR CIRCUIT

1. Trailer socket
2. Trailer socket (New Zealand FM mixer truck)

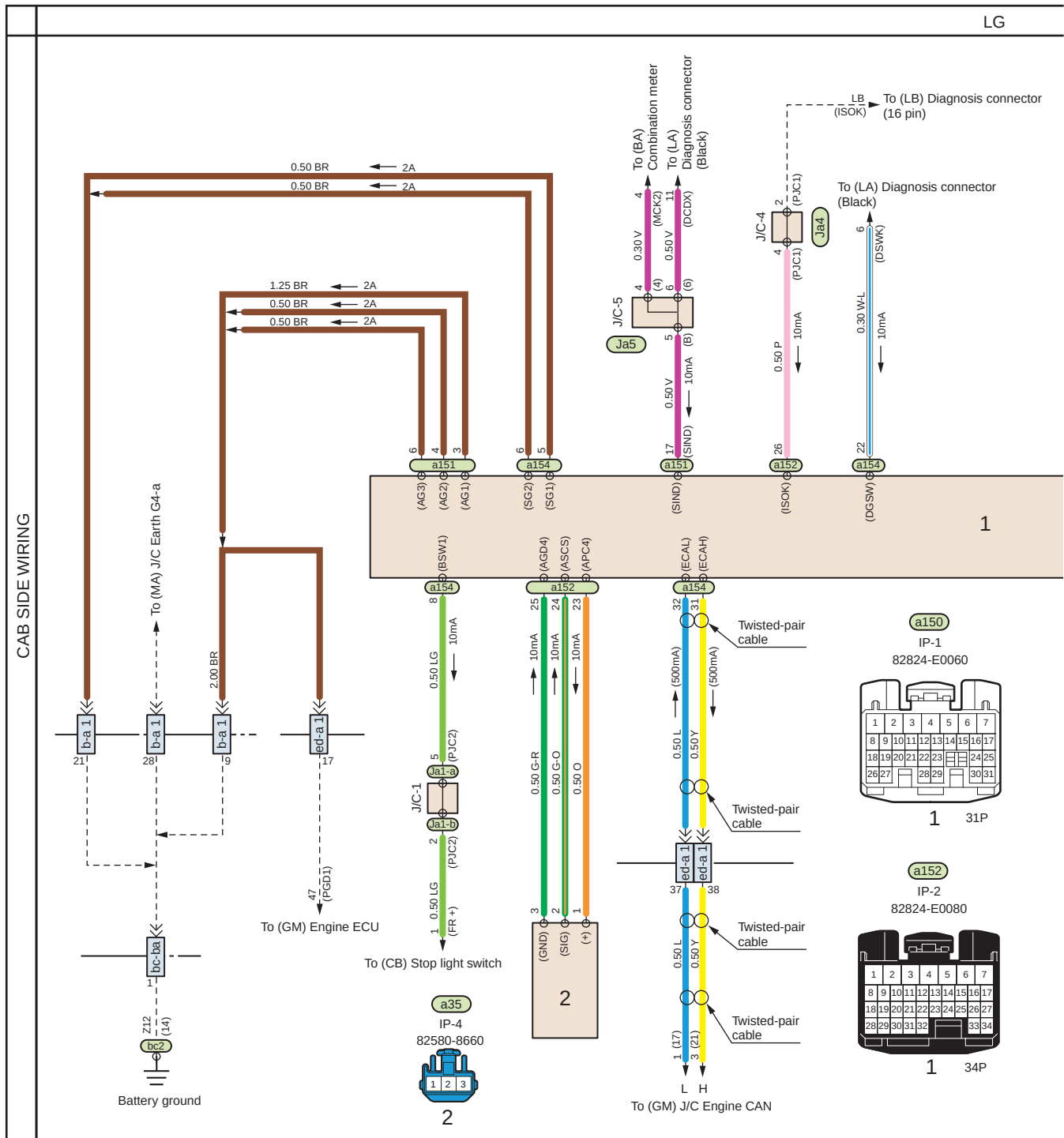




SHTS12Z160200169

LF. AIR DRYER HEATER CIRCUIT

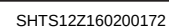
- 1. Air dryer heater

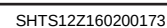


SHTS12Z160200171

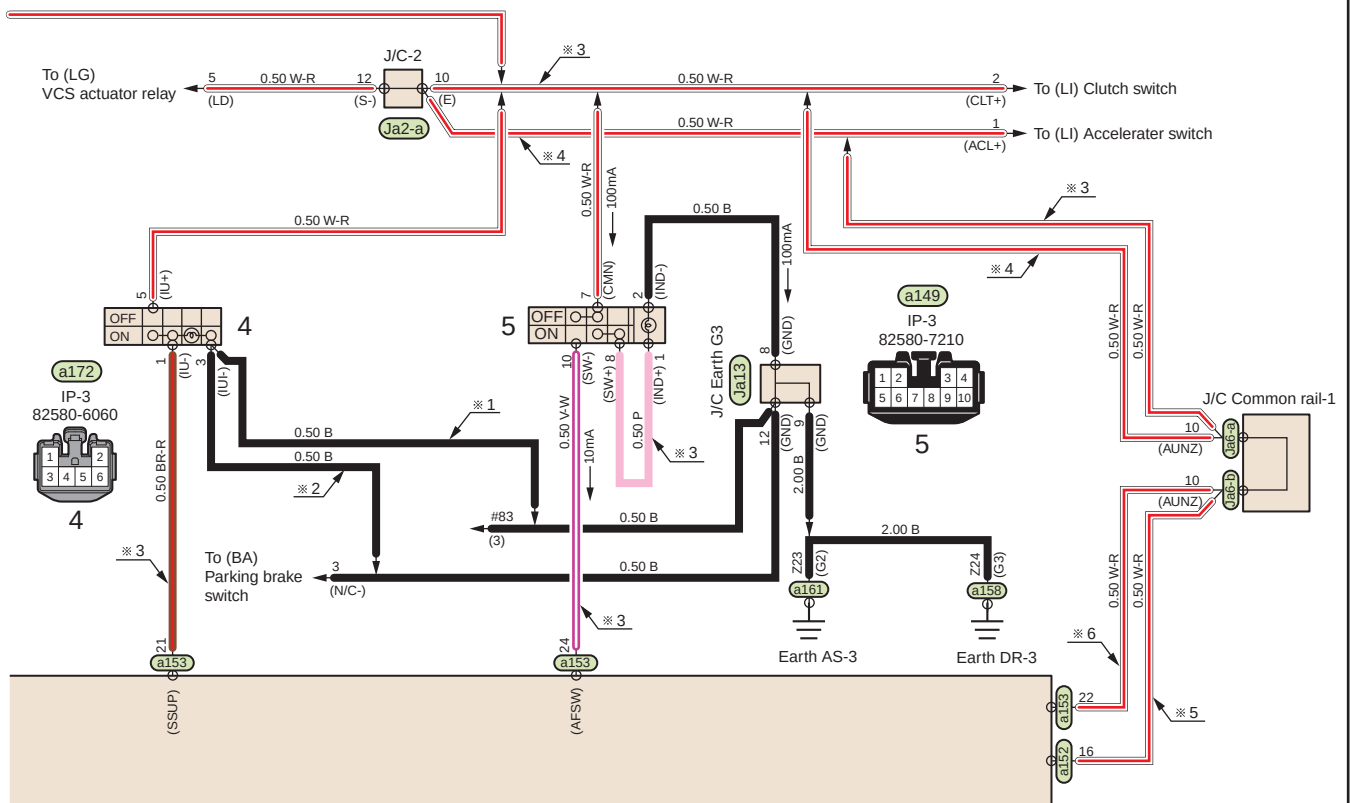
LG. VCS (VEHICLE CONTROL SYSTEM) ECU CIRCUIT No.1

1. VCS ECU
2. Idle volume
3. VCS actuator relay
4. Backup light switch

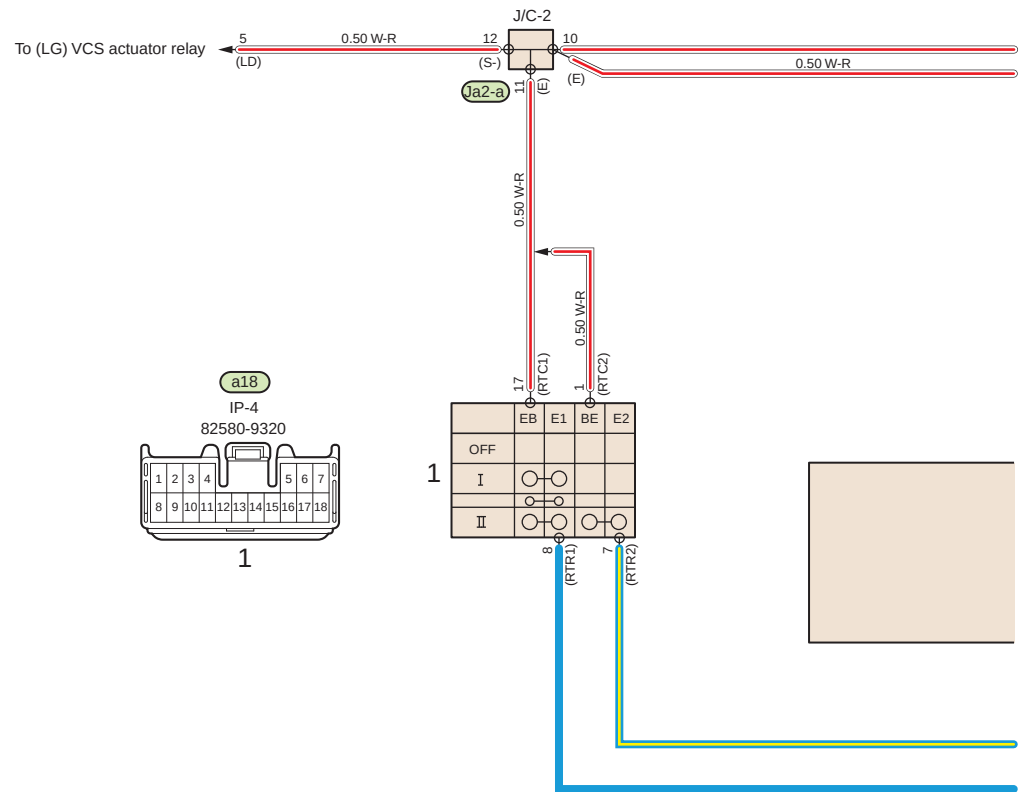




1. P.T.O. clutch switch
2. P.T.O. diode
3. VCS ECU
4. Idle up switch
5. Power mode switch



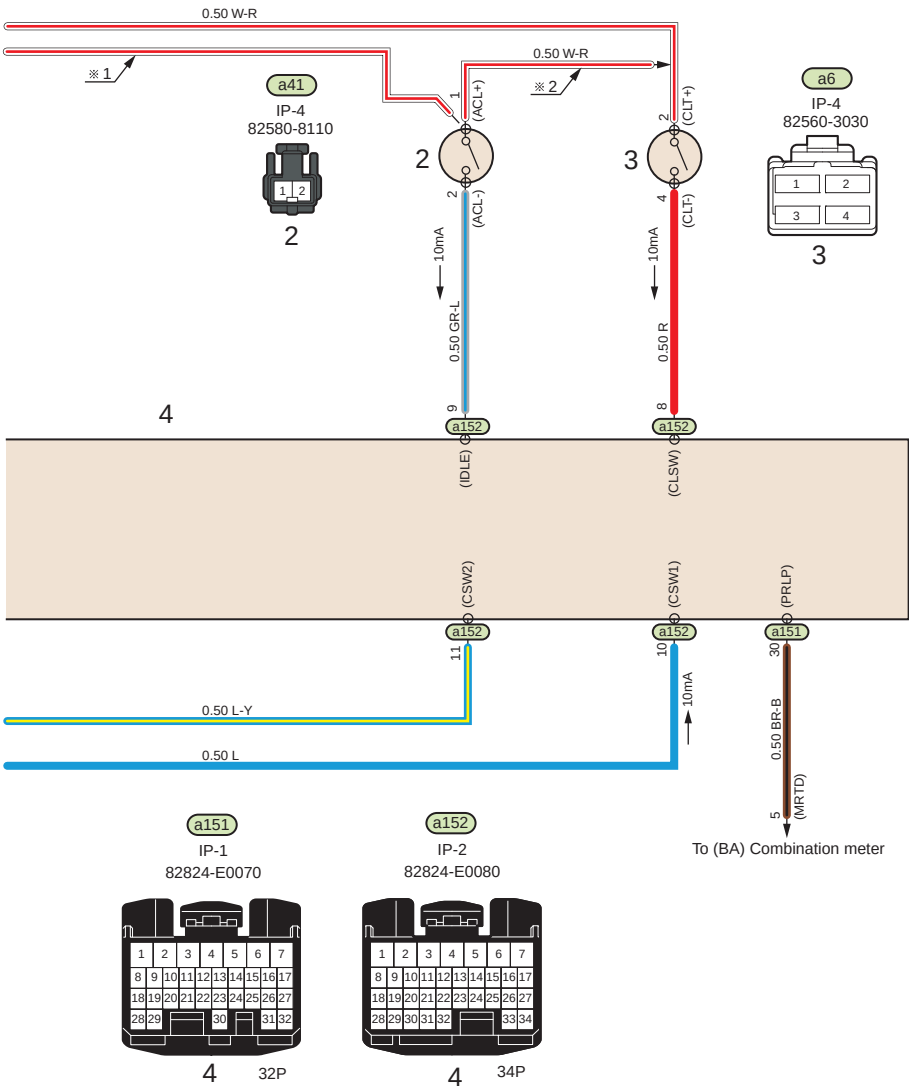
- ※ 1: Wheel parking
- ※ 2: Center parking
- ※ 3: Manual transmission
- ※ 4: Automatic transmission
- ※ 5: Australia
- ※ 6: New Zealand



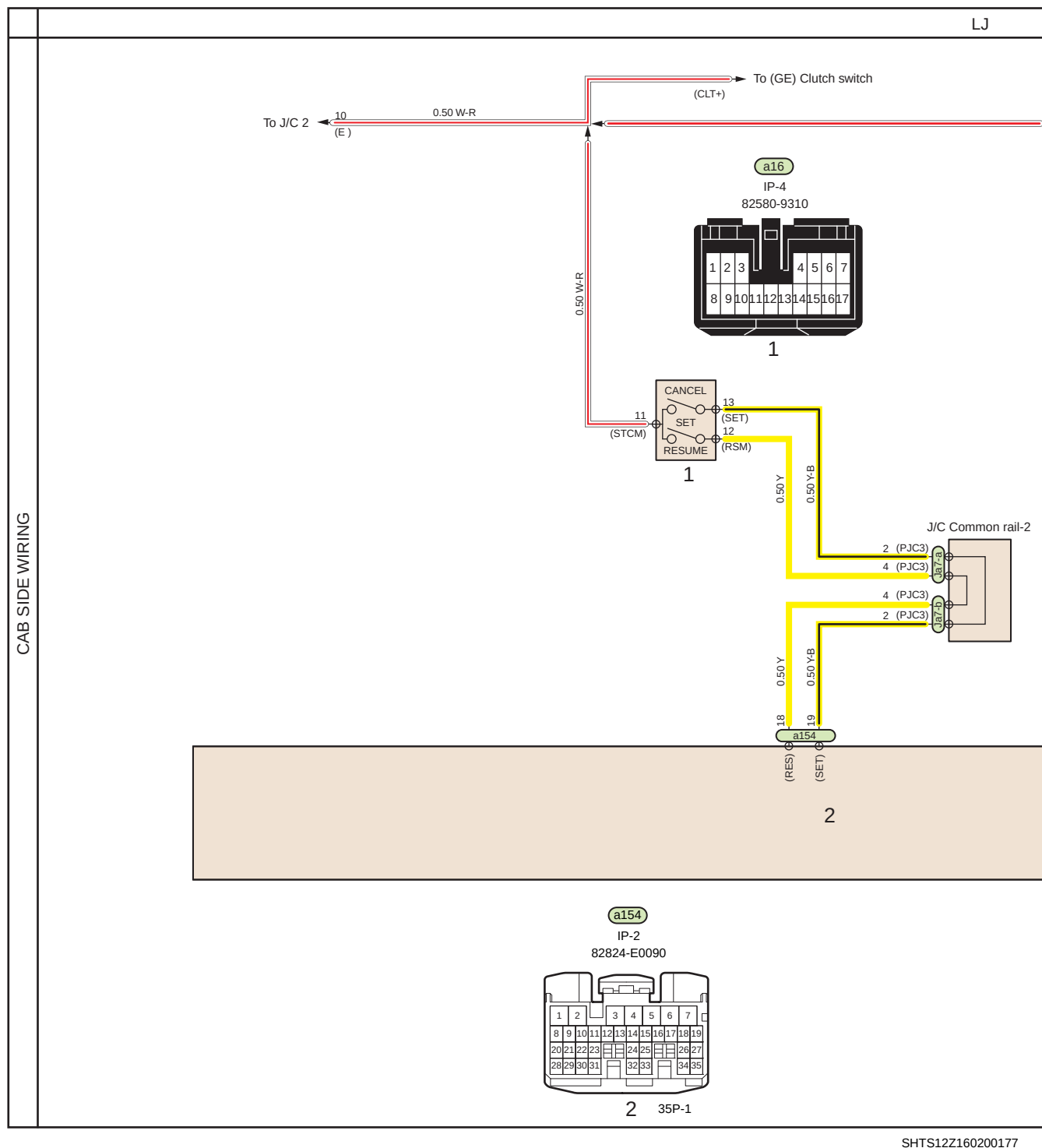
SHTS12Z160200175

LI. VCS (VEHICLE CONTROL SYSTEM) ECU CIRCUIT No.3

1. Wiper and retarder switch
2. Accelerator switch
3. Clutch switch
4. VCS ECU

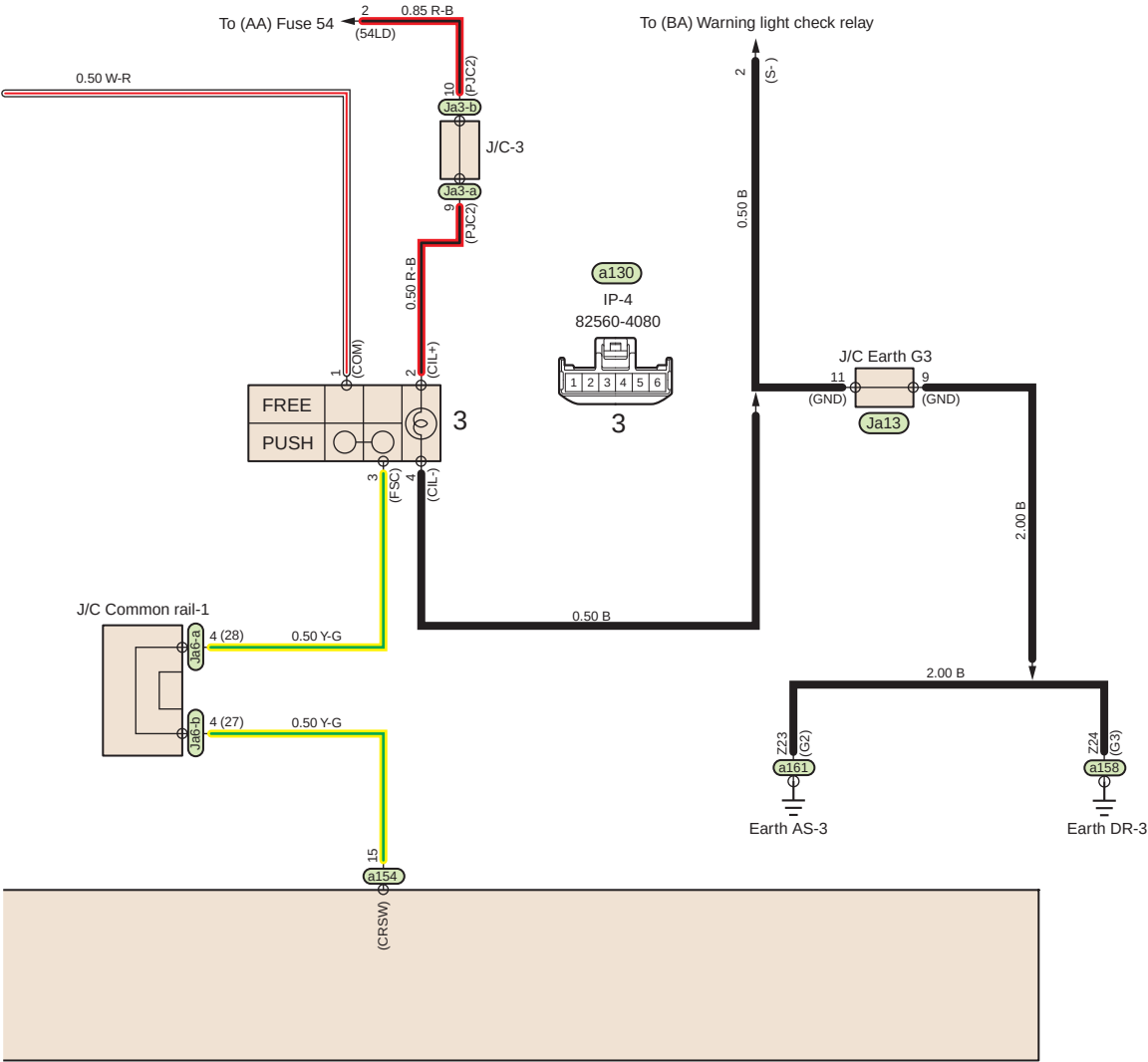


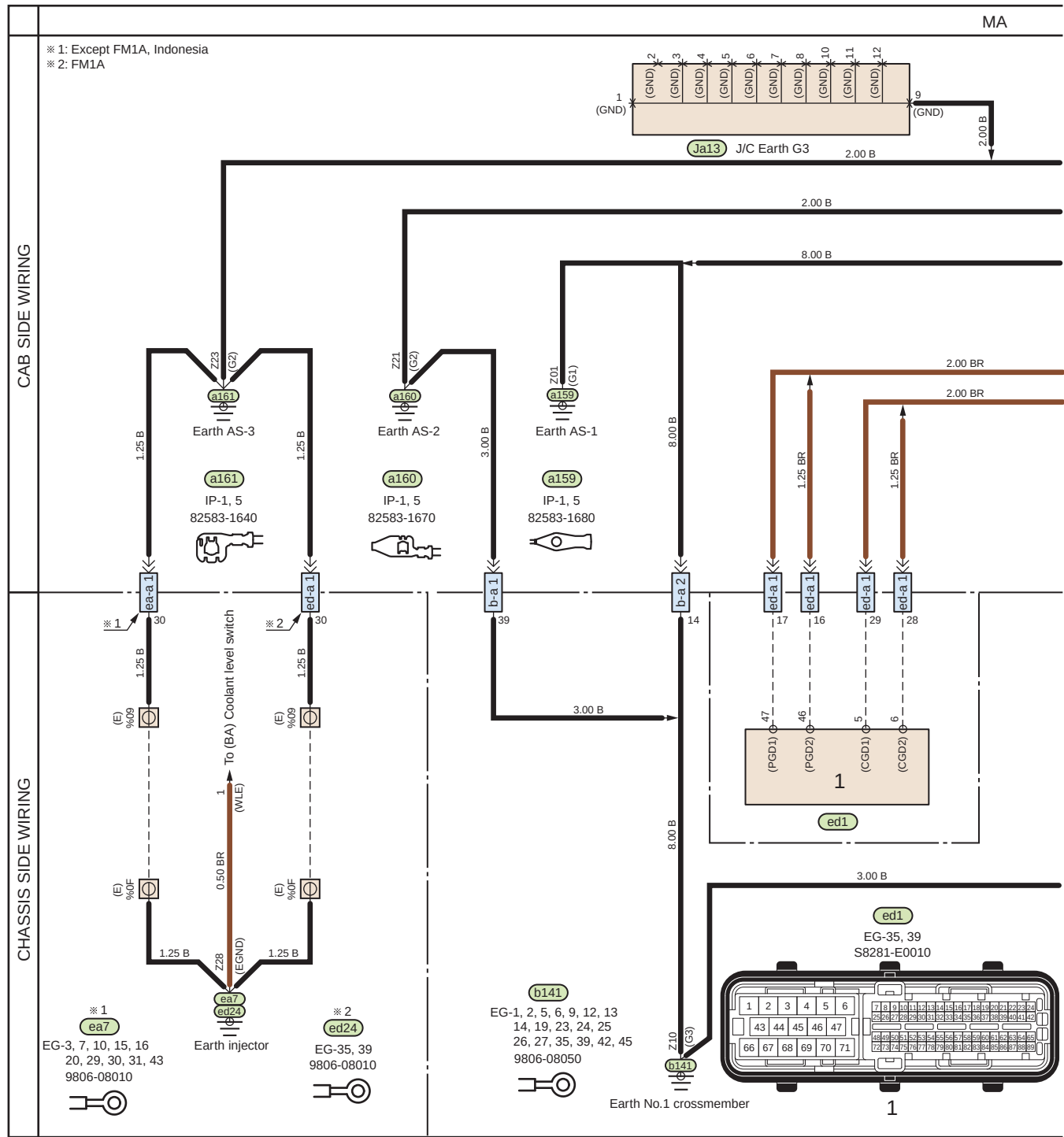
※ 1: Automatic transmission
※ 2: Manual transmission



LJ VCS (VEHICLE CONTROL SYSTEM) ECU CIRCUIT No. 4

1. Light and turn switch
2. VCS ECU
3. Auto crusing switch

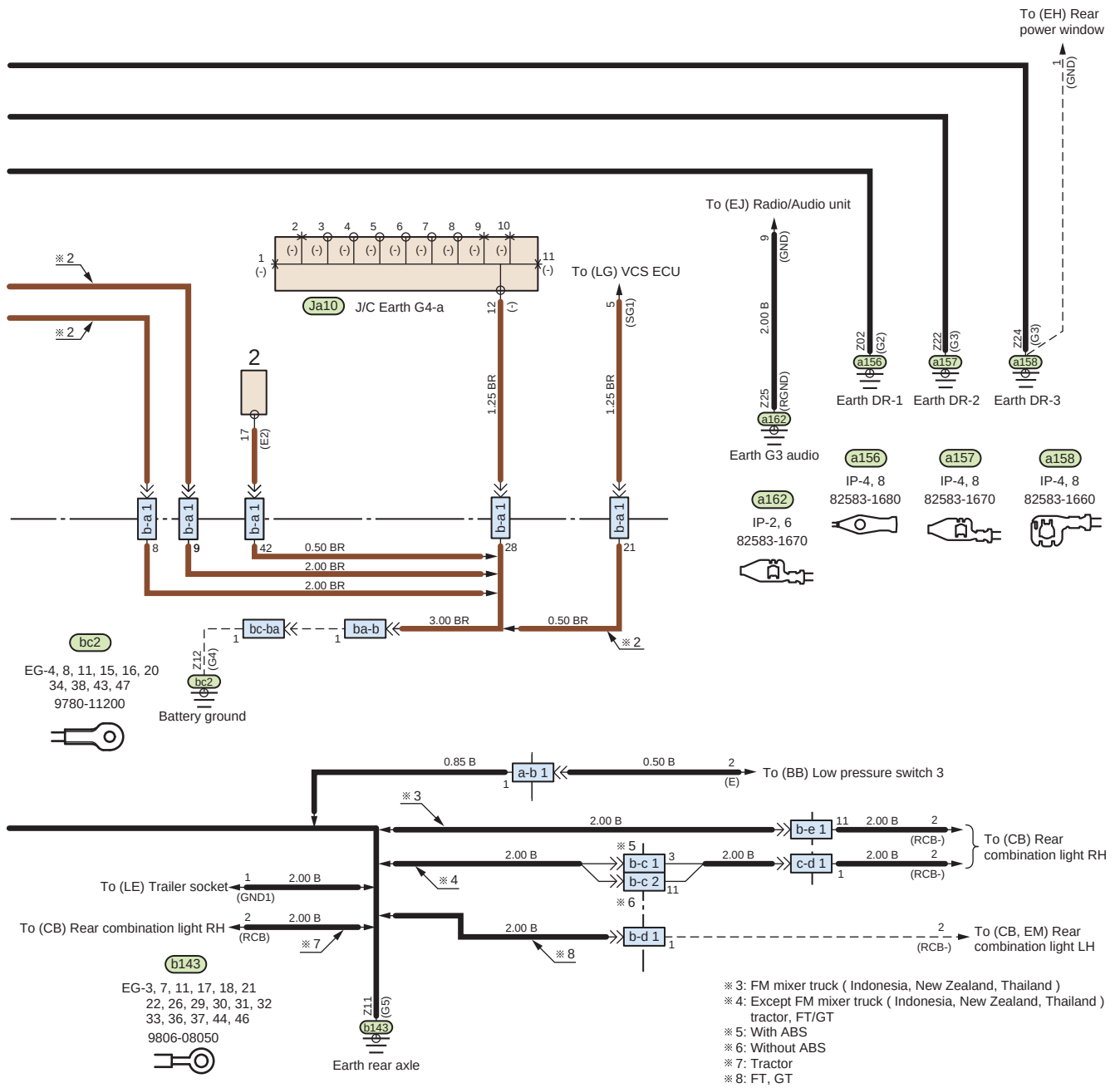




SHTS12Z160200179

MA. GROUND CIRCUIT

1. Engine ECU
2. Air bag ECU



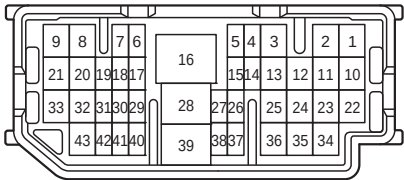
SHTS12Z160200180

WIRE TO WIRE CONNECTOR

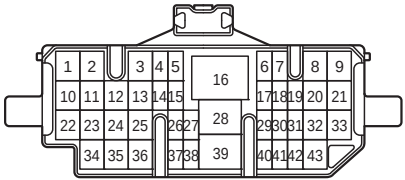
EN12Z1602J100004

a-b 1 / b-a 1	Cab main wiring harness to Front wiring harness 1	
AA, AB, AD, AE, AH, BA, BD, BE, BG, BI, CA, CB, CC, CD, CE, CF, CH, CI, CJ, EM, ER, GA, GB, GC, GD, GE, GF, GG, GH, GM, HB, HC, HE, IA, IB, ID, JA, LA, LD, LE, LF, LG, MA	IP-1, 5, EG-1, 2, 5, 6, 9, 12, 13, 14, 19, 23, 24, 25, 26, 27, 28, 35, 39	

82560-2110, White, Male

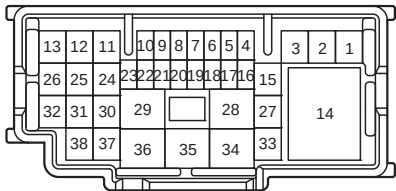


82560-2120, White, Female

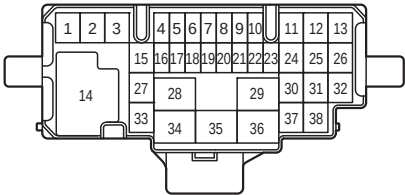


a-b 2 / b-a 2	Cab main wiring harness to Front wiring harness 2	
AA, AD, BA, BB, BC, BD, BE, BF, CB, CD, CI, CK, EE, EM, FA, GM, HA, HC, HD, HF, IC, ID, JA, KA, KB, LD, LE, MA	IP-1, 5, EG-1, 2, 5, 6, 9, 12, 13, 14, 19, 23, 24, 25, 26, 27, 28, 35, 39, 42	

82560-2130, White, Male

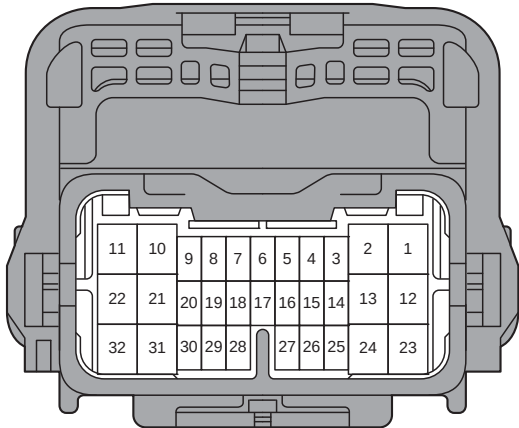


82560-2140, White, Female

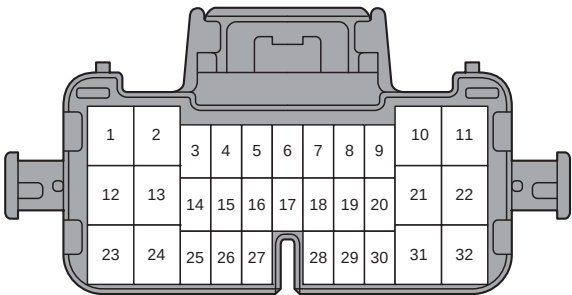


a-b 3 / b-a 3	Cab main wiring harness to Front wiring harness 3	
CG, GF, HE, ID, JB, LA, LC	IP-1, EG-5, 9, 12, 19	

82560-2170, Gray, Male

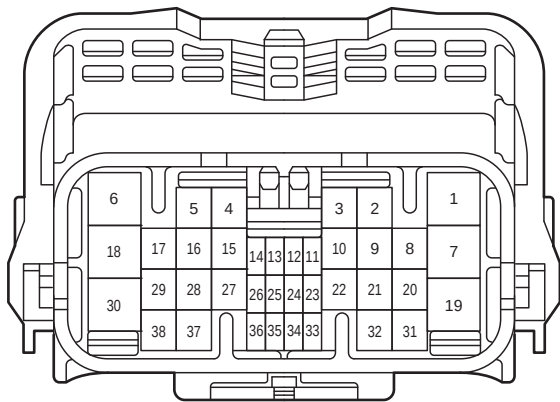


82560-2180, Gray, Female

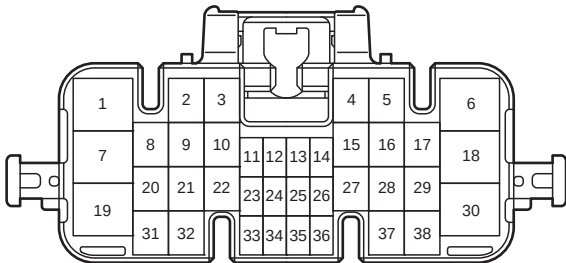


a-b 4 / b-a 4	Cab main wiring harness to Front wiring harness 4
AA, CJ, HA, HB	IP-1, 5, EG-2, 5, 6, 9, 12, 14, 19, 23, 26, 42

82560-2150, White, Male

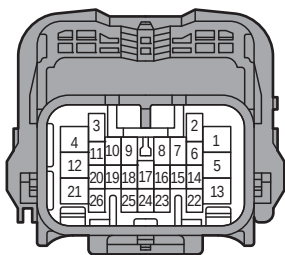


82560-2160, White, Female

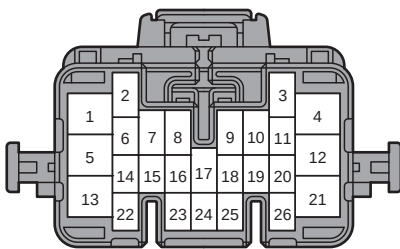


a-b 5 / b-a 5	Cab main wiring harness to Front wiring harness 5
GE	IP-1, EG-26, 28

82560-2070, Gray, Male

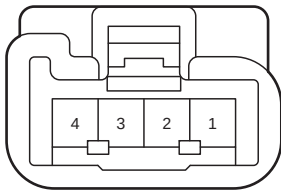


82560-2080, Gray, Female

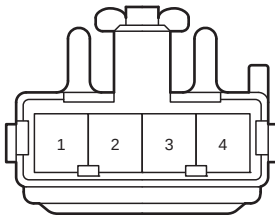


a-b 6 / b-a 6	Cab main wiring harness to Front wiring harness 6
HD	IP-1, EG-24, EG-35

82560-2830, White, Male

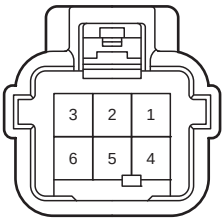


82560-2840, White, Female

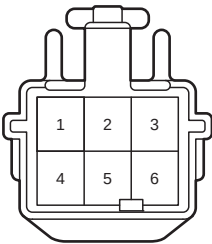


a-b 7 / b-a 7	Cab main wiring harness to Front wiring harness 7
KA	IP-1, EG-26, EG-27, EG-35

82580-2910, White, Male

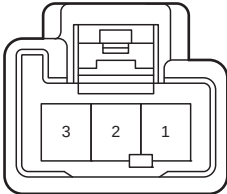


82580-2920, White, Female

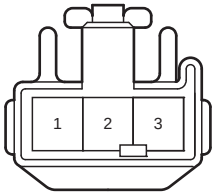


a-b 8 / b-a 8	Cab main wiring harness to Front wiring harness 8
GP	IP-1, EG-35

82560-2280, White, Male

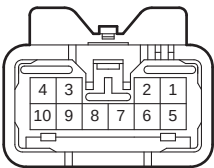


82560-2290, White, Female

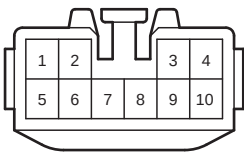


a-f 1 / f-a 1	Cab main wiring harness to Door RH wiring harness 1
CB	IP-4, CA-1

82580-7340, White, Male

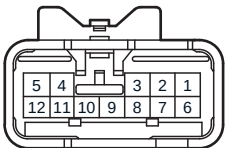


82580-7210, White, Female

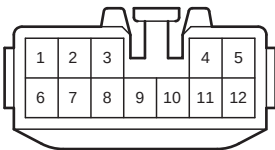


a-f 2 / f-a 2	Cab main wiring harness to Door RH wiring harness 2
CB, CC, EA, EH, EK, EL, EM	IP-4, CA-1, CA-3

82580-8730, White, Male

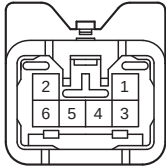


82560-8740, White, Female



a-f 3 / f-a 3	Cab main wiring harness to Door RH wiring harness 3	
EM	IP-4, CA-1, CA-3	

82580-6050, White, Male

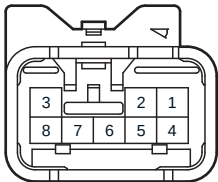


82580-6060, White, Female

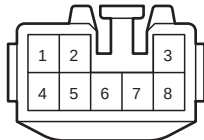


a-f 4 / f-a 4	Cab main wiring harness to Door RH wiring harness 4	
CB, EB, EI	IP-6, CA-2	

82580-8050, White, Male

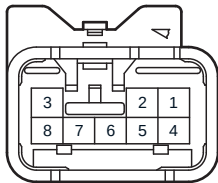


82580-6870, White, Female

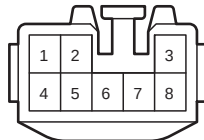


a-g 1 / g-a 1	Cab main wiring harness to Door LH wiring harness 1	
CB, CC, EA, EH, EK, EM	IP-2, CA-1, CA-3	

82580-8050, White, Male

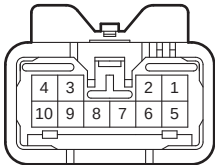


82580-6870, White, Female

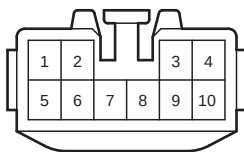


a-g 2 / g-a 2	Cab main wiring harness to Door LH wiring harness 2	
CB, EB, EI	IP-8, CA-2	

82580-7340, White, Male

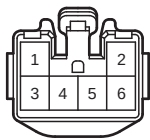


82580-7210, White, Female

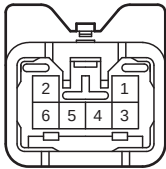


a-h 1 / h-a 1	Cab main wiring harness to Roof wiring harness 1
CB, CC, DA, EM	IP-1, IP-5, CA-1, CA-2, CA-3

82580-6060, White, Female

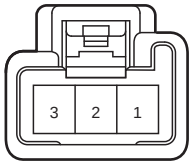


82580-6050, White, Male

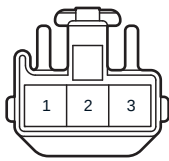


a-i 1 / i-a 1	Cab main wiring harness to Floor wiring harness 1
DA	IP-3, IP-7, CA-1, CA-2

82580-8650, White, Male

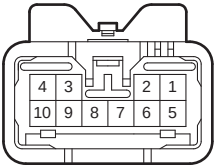


82580-8660, White, Female

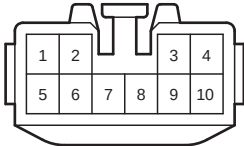


a-i 2 / i-a 2	Cab main wiring harness to Floor wiring harness 2
DA, EG	IP-3, CA-1, CA-3

82580-7340, White, Male

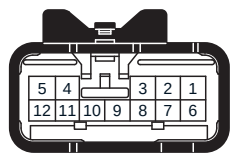


82580-7210, White, Female

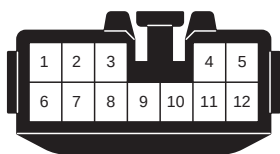


a-i 3 / i-a 3	Cab main wiring harness to Floor wiring harness 3	
EA, EH, EM, JB	IP-3, CA-3	

82580-8730, Black, Male

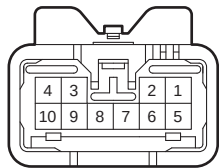


82580-8740, Black, Female

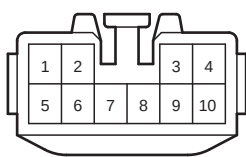


a-i 4 / i-a 4	Cab main wiring harness to Floor wiring harness 4	
BA	IP-3, CA-1, CA-3	

82580-7340, White, Male

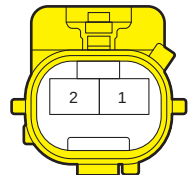


82580-7210, White, Female

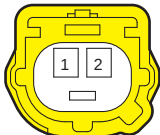


a-i 5 / i-a 5	Cab main wiring harness to Floor wiring harness 5	
BA, ER	IP-3, CA-1, CA-3	

82580-9010, Yellow, Male

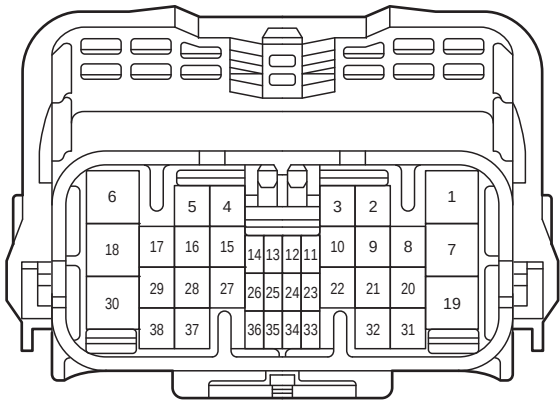


82824-E0K20, Yellow, Female

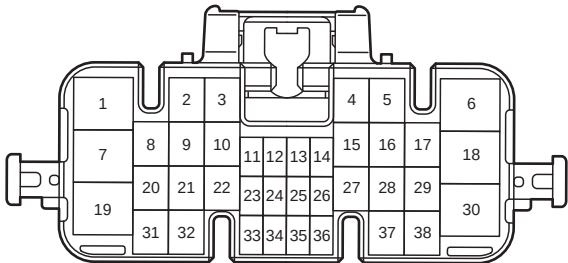


a-ea 1 / ea-a 1	Cab main wiring harness to Engine wiring harness-1_1	
BA, EN, FA, GA, GC, GD, GH, GK, HB, MA	IP-1, 5, EG-1, 2, 5, 6, 9, 12, 14, 19, 23, 25, 42	

82560-2150, White, Male

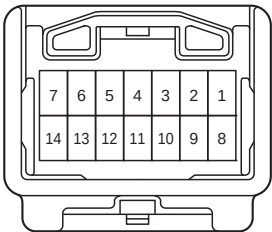


82560-2160, White, Female

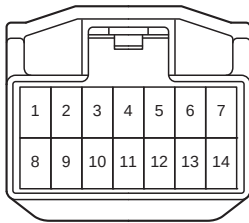


a-ea 2 / ea-a 2	Cab main wiring harness to Engine wiring harness-1_2	
GC	IP-1, EG-5, EG-12	

82560-2090, White, Male

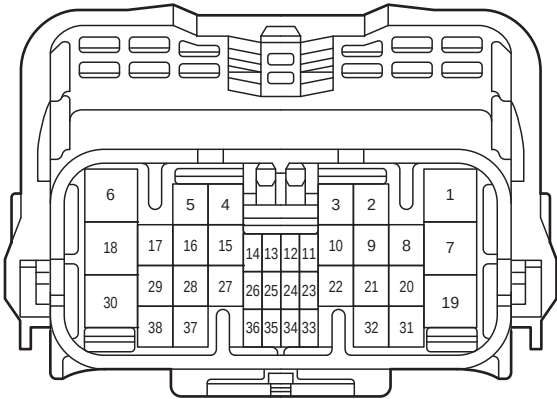


82560-2100, White, Female

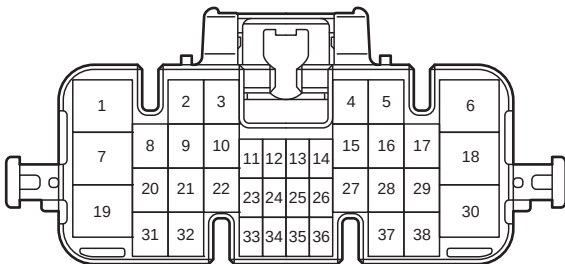


a-ed 1 / ed-a 1	Cab main wiring harness to Engine wiring harness-1_1	
AD, AH, BA, FA, GM, GO, GP, KA, LA, LB, LG, MA	IP-1, EG-35	

82560-2150, White, Male

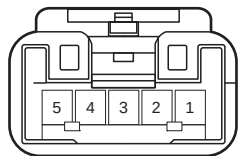


82560-2160, White, Female

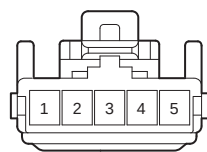


a-ed 2 / ed-a 2	Cab main wiring harness to Engine wiring harness-1_2	
FA, GP	IP-1, EG-35	

82560-3240, White, Male

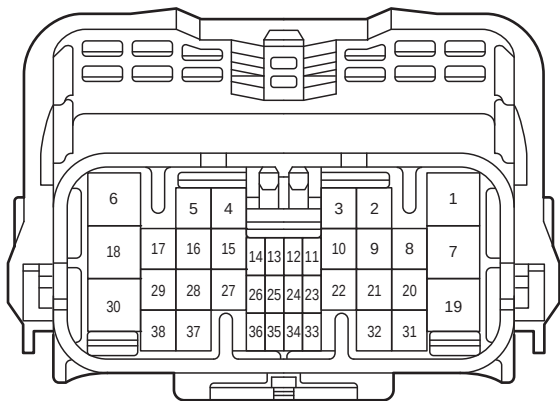


82560-3250, White, Female

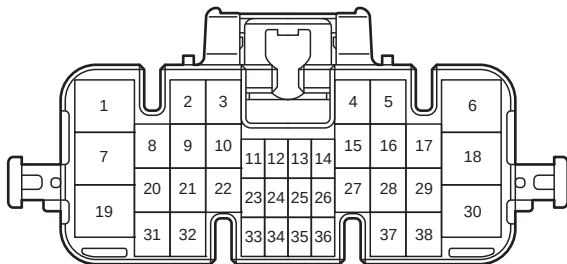


a-ee / ee-a	Cab main wiring harness to Engine wiring harness	
AH, GB	IP-1, EG-27	

82560-2150, White, Male

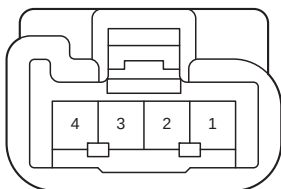


82560-2160, White, Female

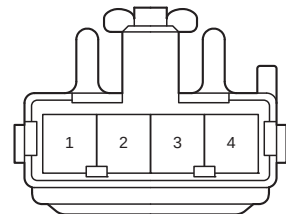


a-sc / sc-a	Cab main wiring harness to Brake lock sub wiring harness	
HD	IP-1, EG-1	

82560-2830, White, Male

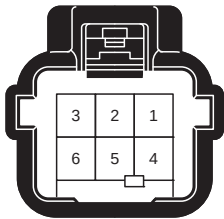


82560-2840, White, Female

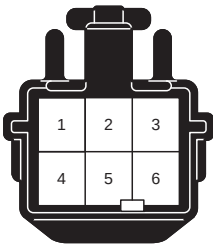


a-sf / sf-a	Cab main wiring harness to Floor panel sub wiring harness	
JA		CA-1

82580-6050, Black, Male

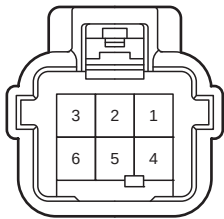


82580-6060, Black, Female

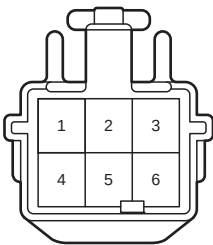


a-sk / sk-a	Cab main wiring harness to P.T.O. sub wiring harness	
KA, KB, KC		IP-1, 5, EG-1, 2, 5, 6, 9, 12, 13, 14, 19, 23, 24, 25, 28, 42, 45

82580-2910, White, Male

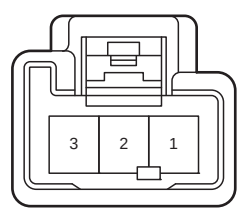


82580-2920, White, Female

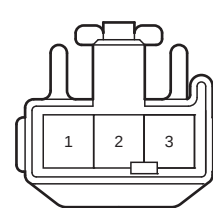


a-sl / sl-a	Cab main wiring harness to Working accelerator sensor sub wiring harness	
GL		IP-1, 5, EG-1, 2, 5, 6, 9, 12, 14, 19, 23, 25, 27, 42

82560-2280, White, Male



82560-2290, White, Female

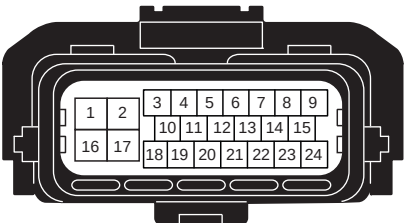


b-c 1 / c-b 1	Front wiring harness to Intermediate wiring harness 1	
CA, CB, CC, CF, CI, CJ, EM, HA, HB, HF, MA		EG-4, EG-8, EG-11, EG-18, EG-21, EG-34, EG-41

82560-1320, Black, Male

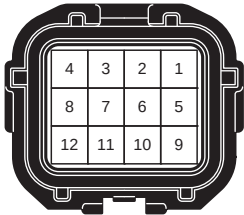


82560-1330, Black, Female

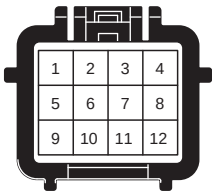


b-c 2 / c-b 2	Front wiring harness to Intermediate wiring harness 2	
BC, CA, CB, CC, EM, HF, MA	EG-4, EG-8, EG-11, EG-17, EG-18, EG-21, EG-34, EG-38	

82560-3490, Black, Male

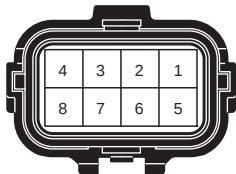


82560-3500, Black, Female

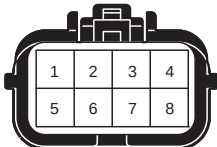


b-d 1 / d-b 1	Front (+Intermediate) wiring harness to Rear wiring harness 1	
CD, CH, EM, MA	RR-1	

82560-3450, Black, Male

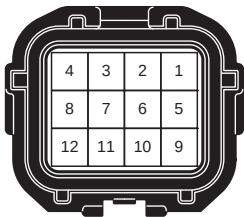


82560-3460, Black, Female

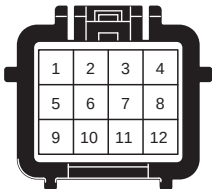


b-e 1 / e-b 1	Front wiring harness to Intermediate+rear wiring harness 1	
CA, CD, CH, HD, HF, LE, MA	EG-34, EG-38	

82560-3490, Black, Male

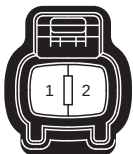


82560-3500, Black, Female



b-e 3 / e-b 3	Front wiring harness to Intermediate+rear wiring harness 3	
AB, BC, LE	EG-34	

82560-2950, Black, Female



82560-2940, Black, Male



b-ba / ba-b	Front wiring harness to Battery cable-1	
BA, BE, BG, BI, CJ, GE, HB, HC, HE, ID, LD, MA	EG-4, 8, 11, 17, 18, 20, 34, 38, 41, 43, 47	

82580-6720, Black, Male

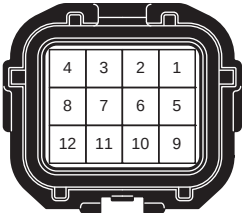


82560-2770, Black, Female

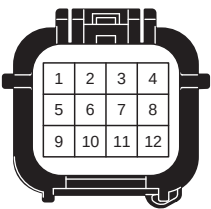


b-eb 1 / eb-b 1	Front wiring harness to Engine wiring harness-2_1	
AH, BA, FA, GA, GC, GD	EG-1, 2, 5, 6, 9, 12, 14, 19, 23, 25, 42	

82560-3490, Black, Male

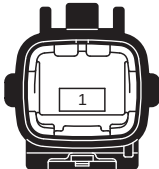


82560-3480, Black, Female

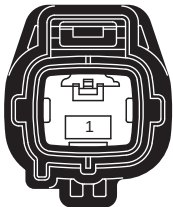


b-eb 2 / eb-b 2	Front wiring harness to Engine wiring harness-2_2	
AH	EG-1, 2, 5, 6, 9, 12, 14, 19, 23, 25, 42	

82560-1780, Black, Male

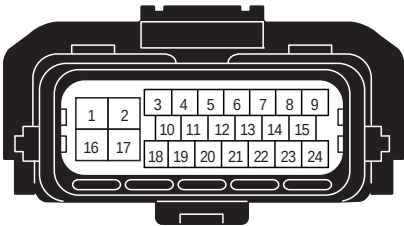


82560-1790, Black, Female



b-eb 3 / eb-b 3	Front wiring harness to Engine wiring harness-2_3	
AH, BE, FA, GE	EG-26, EG-28	

82560-1330, Black, Female

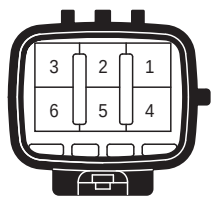


82560-1320, Black, Male

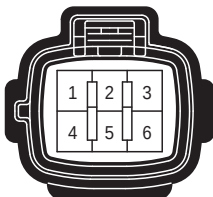


b-eb 4 / eb-b 4	Front wiring harness to Engine wiring harness-2_4
AH, BE	EG-13, EG-24, EG-25, EG-45

82580-8480, Black, Male

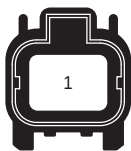


82580-8490, Black, Female



b-eb 5 / eb-b 5	Front wiring harness to Engine wiring harness-2_5
AH	EG-13, EG-24, EG-25, EG-26, EG-28, EG-45

82580-9820, Black, Male

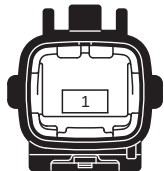


82580-9830, Black, Female

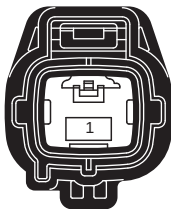


b-ee / ee-b	Front wiring harness to Engine wiring harness
AH	EG-27, EG-32, EG-33

82560-1780, Black, Male

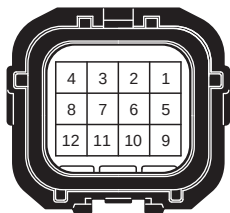


82560-1790, Black, Female

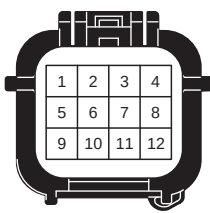


b-sa 1 / sa-b 1	Front wiring harness to Air tank sub wiring harness 1
BB	EG-4, EG-8, EG-11

82560-3470, Black, Male

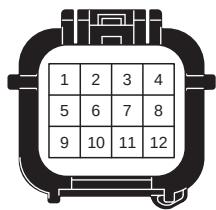


82560-3480, Black, Female

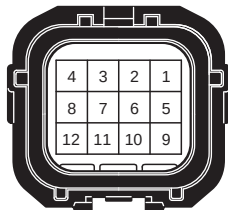


b-sa 2 / sa-b 2	Front wiring harness to Air tank sub wiring harness 2	
BB, HA	EG-4, EG-8, EG-11	

82560-3480, Black, Female

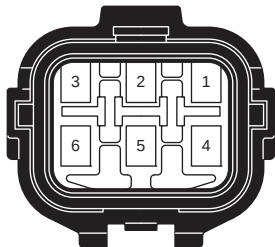


82560-3470, Black, Male

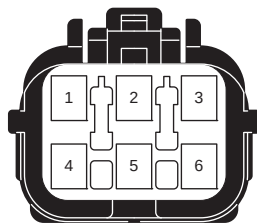


b-sa 3 / sa-b 3	Front wiring harness to Air tank sub wiring harness 3	
BB, BE, GF, GG	EG-4, EG-8, EG-17	

82560-3410, Black, Male

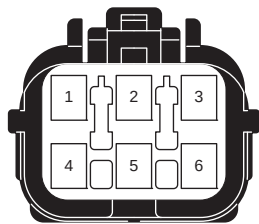


82560-3420, Black, Female

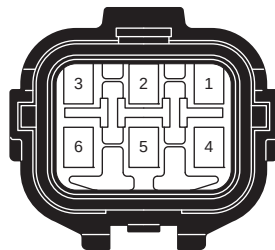


b-sa 4 / sa-b 4	Front wiring harness to Air tank sub wiring harness 4	
BB, BE, GG	EG-18, EG-34, EG-38, EG-41	

82560-3420, Black, Female

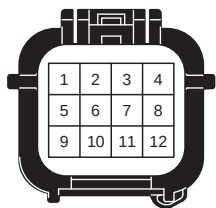


82560-3410, Black, Male

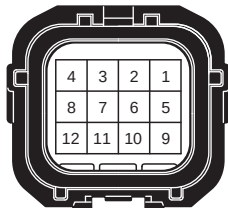


b-sa 5 / sa-b 5	Front wiring harness to Air tank sub wiring harness 5	
BB, HB	EG-18	

82560-3480, Black, Female

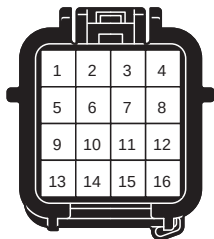


82560-3470, Black, Male

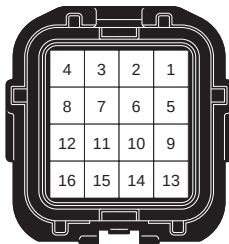


b-sa 6 / sa-b 6	Front wiring harness to Air tank sub wiring harness 6	
BB		EG-4, 8

82560-3540, Black, Female

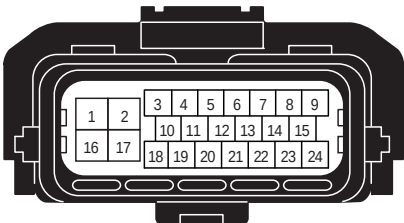


82560-3470, Black, Male



b-sb 1 / sb-b 1	Front wiring harness to Automatic transmission sub wiring harness 1	
ID		EG-18, EG-34

82560-1330, Black, Female

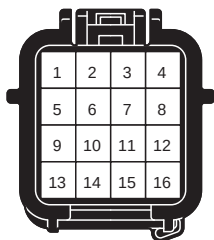


82560-1320, Black, Male

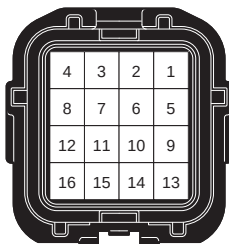


b-sb 2 / sb-b 2	Front wiring harness to Automatic transmission sub wiring harness 2	
ID, LC		EG-18, EG-34

82560-3540, Black, Female



82560-3530, Black, Male

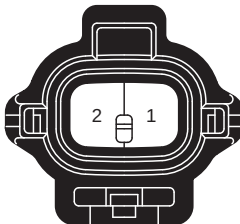


b-se / se-b	Front wiring harness to Brake lock (Pressure switch) sub wiring harness	
HD		EG-34

82580-6600, Black, Female



82580-6590, Black, Male



b-sg / sg-b	Front wiring harness to Fuel tank sub wiring harness	
BA		EG-18, EG-29, EG-30, EG-40

82580-7170, Black, Male

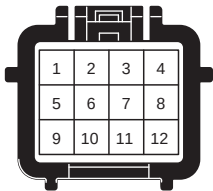


82580-7180, Black, Female

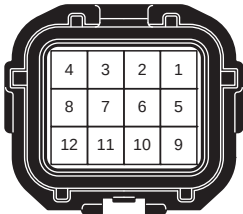


b-sh / sh-b	Front wiring harness to Headlight sub wiring harness	
CA, CE, CJ		EG-1, 2, 5, 6, 9, 12, 19, 23, 25, 42

82560-3500, Black, Female



82560-3490, Black, Male



b-si / si-b	Front wiring harness to Side turn signal light sub wiring harness	
CB		EG-4, 18

82580-8340, Black, Male

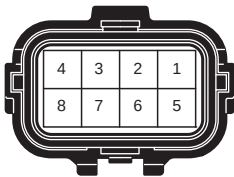


82560-8350, Black, Female

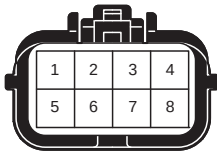


c-d 1 / b-c 1	Intermediate wiring harness to Rear wiring harness 1	
BC, CA, CB, CC, CF, CI, EM, HB, HF, MA		RR-1, RR-2

82560-3450, Black, Male



82560-3460, Black, Female



i-j / j-i	Floor wiring harness to Rear door RH wiring harness	
EA, EH, EM	CA-3	

82580-8410, Gray, Male



82580-8420, Gray, Female



i-k / k-i	Floor wiring harness to Rear door LH wiring harness	
EA, EH, EM	CA-3	

82580-8410, Gray, Male



82580-8420, Gray, Female



ba-bc / bc-ba	Battery cable-1 to Battery cable-3	
MA	EG-4, 8, 11, 15, 16, 20, 34, 38, 41, 43, 47	

82580-6720, Black, Male

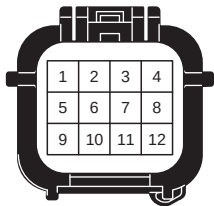


82560-2770, Black, Female

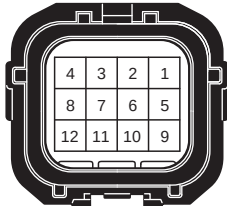


ea-ec 1 / ec-ea 1	Engine wiring harness-1 to Engine wiring harness-3_1	
BA, FA, GA, GD	EG-3	

82560-3480, Black, Female

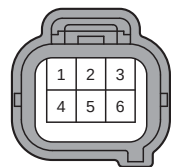


82560-3470, Black, Male



ea-ec 2 / ec-ea 2	Engine wiring harness-1 to Engine wiring harness-3_2	
BA, GA, GC, GD	EG-7, 10, 15, 16, 20, 29, 30, 31, 43	

82580-8420, Gray, Female

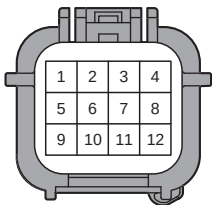


82580-8410, Gray, Male



ea-id / id-ea	Engine wiring harness-1 (J05D, J05E, J08E) to Link-up connector	
GA, GC, GD	EG-3, 7, 10, 15, 16, 20, 29, 30, 31, 43	

82560-3480, Gray, Female

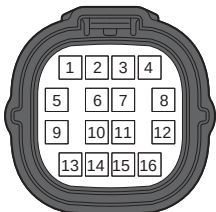


82560-1200, Dark gray, Male

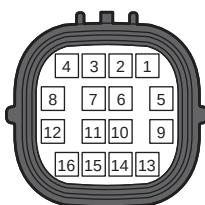


ed-id / id-ed	Engine wiring harness-1 (A09C) to Link-up connector	
GM, GQ	EG-36, EG-37, EG-40	

82828-1080, Dark gray, Female

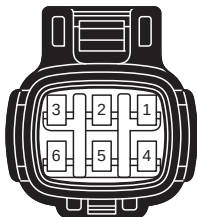


82828-1070, Dark gray, Male

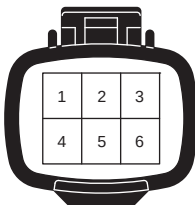


ed-sm / sm-ed	Engine wiring harness-1 (A09C) to Air flow sensor sub wiring harness	
GN	EG-36, EG-37	

82580-9950, Black, Male



82580-8220, Black, Female



ee-id / id-ee	Engine wiring harness (P11C) to Link-up connector	
GB		EG-32, EG-33

82580-9590, Dark gray, Female

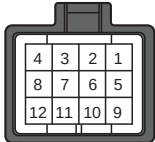


82580-9880, Gray, Male

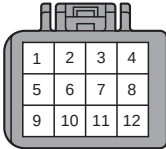


id-ia / ia-id	Link-up connector to Injector wiring harness (J05D, J05E, J08E)	
GA, GC, GD		EG-3, 7, 10, 15, 16, 20, 29, 30, 31, 43

82560-1200, Dark gray, Male

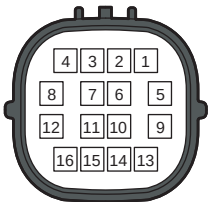


82580-7980, Gray, Female

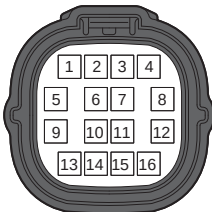


id-ib / ib-id	Link-up connector to Injector wiring harness (A09C)	
GM, GQ		EG-36, EG-37, EG-40

82828-1070, Dark gray, Male



82828-1080, Dark gray, Female



id-ic / ic-id	Link-up connector to Injector wiring harness (P11C)	
GB		EG-32, EG-33

82580-9880, Gray, Male



82580-9590, Dark gray, Female



sc-sd / sd-sc	Brake lock sub wiring harness to Brake lock (Pressure switch) sub wiring harness	
HD	EG-4	

82580-6820, Black, Female



82560-1670, Black, Male

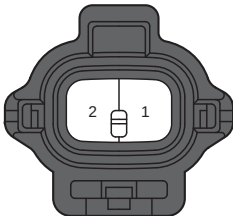


sc-se / se-sc	Brake lock sub wiring harness to Brake lock (Buzzer) sub wiring harness	
HD	EG-4	

82580-6600, Dark gray, Female



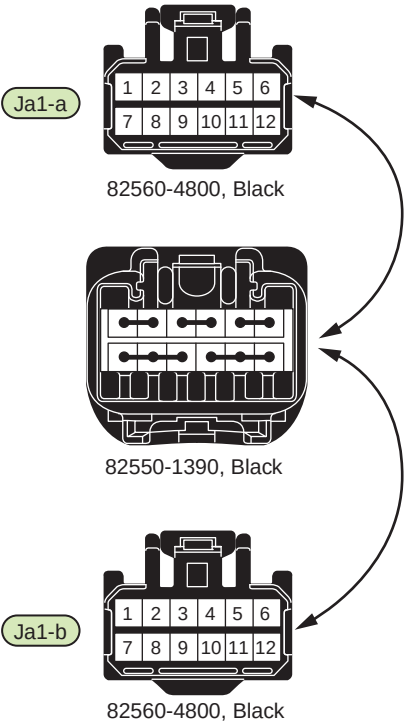
82580-6590, Dark gray, Male



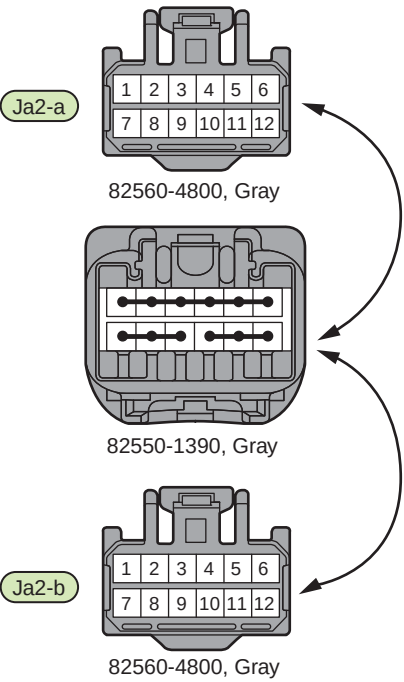
JUNCITON CONNECTOR

EN12Z1602J100005

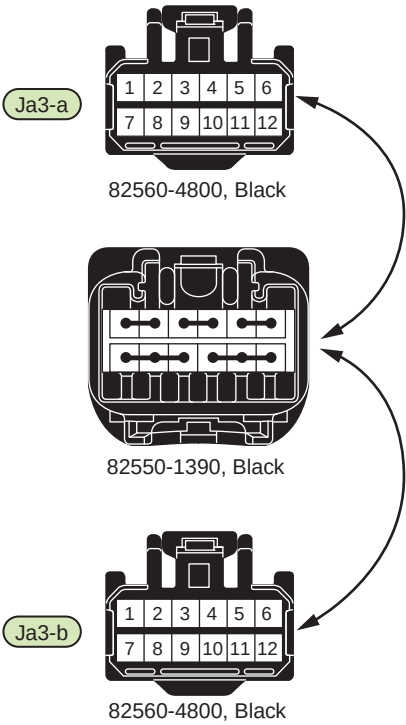
Ja1	J/C-1
AD, AE, BA, BD, CB, DA, EA, EB, EL, EM, GA, GB, GC, GD, GE, GM, HA, HC, JA, JB, LB, LG, LH	IP-1, IP-5



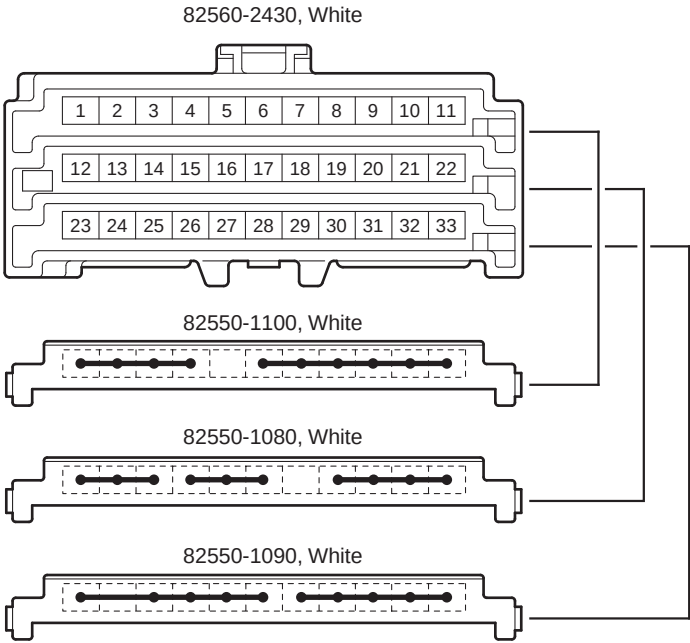
Ja2	J/C-2
AD, BF, CB, CC, CJ, EH, EI, EM, EN, EO, GA, GB, GC, GD, GE, GF, HD, LA, LG, LH, LI	IP-2, IP-6



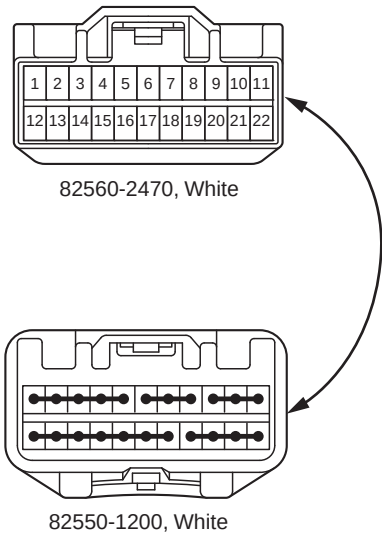
Ja3	J/C-3	
BA, BD, BF, BG, BI, CA, CE, CI, EF, EJ, EL, EO, FA, GK, KA, KB, KC, LD, LJ		IP-2, IP-6



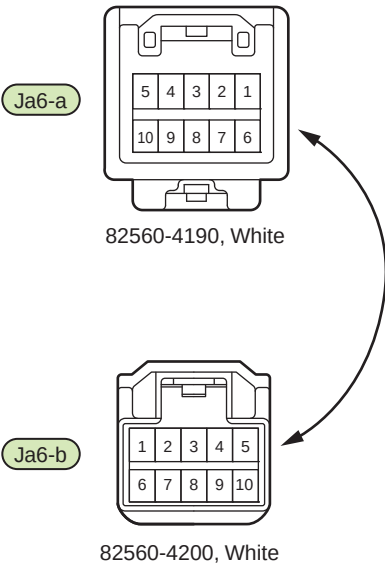
Ja4	J/C-4	
BA, CB, CC, CF, CI, CJ, EM, GA, GB, GC, GD, GM, HA, HC, LB, LD, LG		IP-2, IP-6



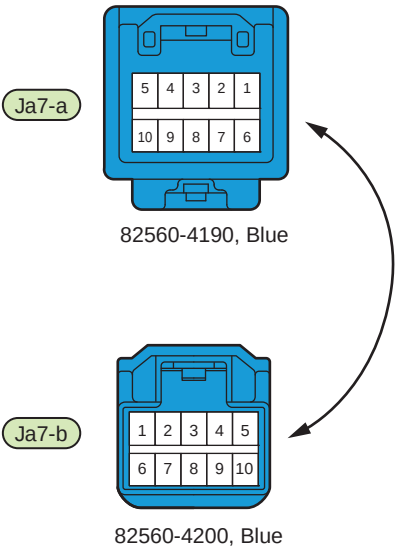
Ja5	J/C-5
BA, BD, GA, GB, GC, GD, GE, GM, HA, HC, HD, LA, LG	IP-1, IP-5



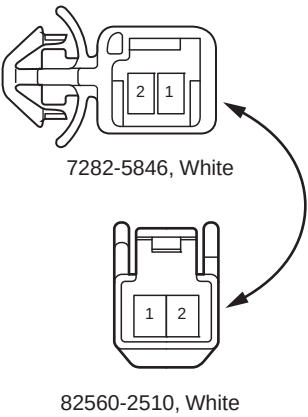
Ja6	J/C Common rail-1
AD, GA, GB, GC, GD, GF, GH, GK, GL, GM, HA, HC, ID, LA, LG, LH, LJ	IP-1, IP-5



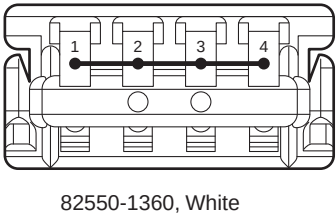
Ja7	J/C Common rail-2	
GA, GB, GC, GD, GF, GH, GK, GL, KA, KB, KC, LJ		IP-1, IP-5



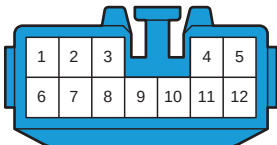
Ja8	J/C Common rail-3	
GA, GB, GC, GD		IP-2, IP-6



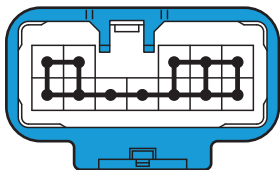
Ja9	J/C Common rail-4	
GA, GB, GC, GD		IP-2, IP-6



Ja10	J/C Earth G4-a
BA, BD, BG, BH, BI, HB, HC, ID, LD, MA	IP-3, IP-7

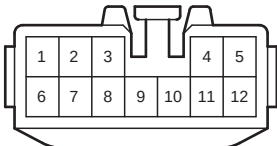


82580-8740, Blue

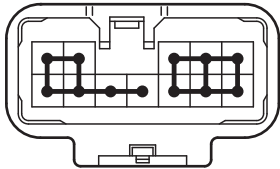


82550-1040, Blue

Ja11	J/C CAN
LB, LC	IP-3, IP-6

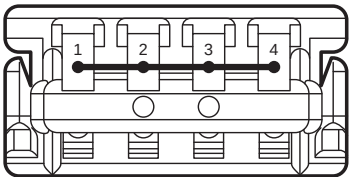


82580-8740, White



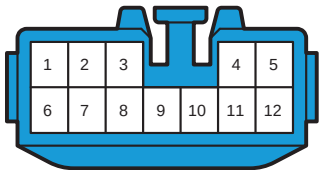
82550-1060, White

Ja12	J/C Earth DR-N
GA, GB, GC, GD	IP-1, IP-6

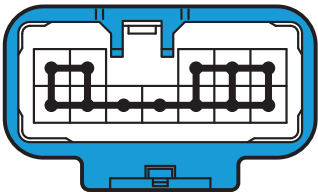


82550-1360, White

Ja13	J/C Earth G3
AC, AE, BA, BD, CB, CC, CE, CF, DA, EA, EB, ED, EG, EK, EL, EM, EO, GC, GI, GJ, GK, HA, HD, IA, IB, ID, KA, KB, KC, LA, LH, LJ, MA	IP-3, IP-7



82580-8740, Blue

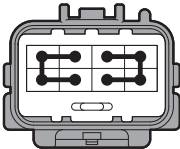


82550-1040, Blue

Ja14	J/C Engine CAN
GO	EG-35



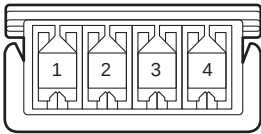
82580-6040, Gray



82550-1230, Gray

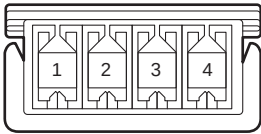
Ja20	SA/SB J/C
ER, LA	IP-2

82550-1360, White



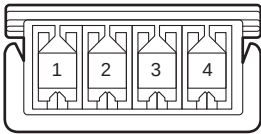
Ja21	ISOK JC4P
ER, LB	IP-4

82550-1360, White



Ja22	SA/SB E1 J/C
ER	IP-3

82550-1360, White



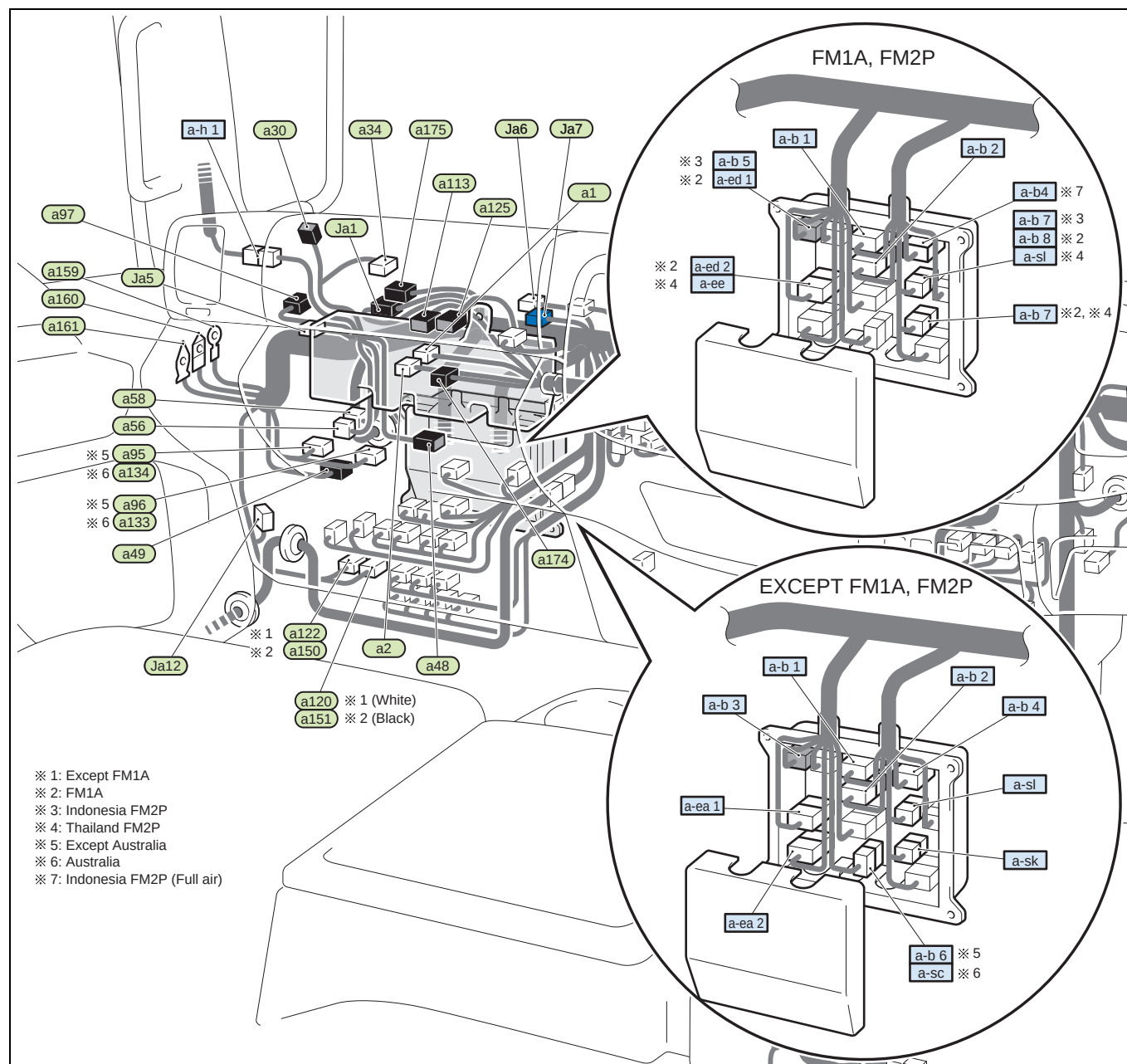
CONNECTOR LOCATION

EN12Z1602J100006

NOTICE

There is a case that this figure is different from that for your vehicle due to the model or specification.

IP-1 [INSTRUMENT PANEL (1 of 4)] (Models: Right-hand drive)



SHTS12Z160200207

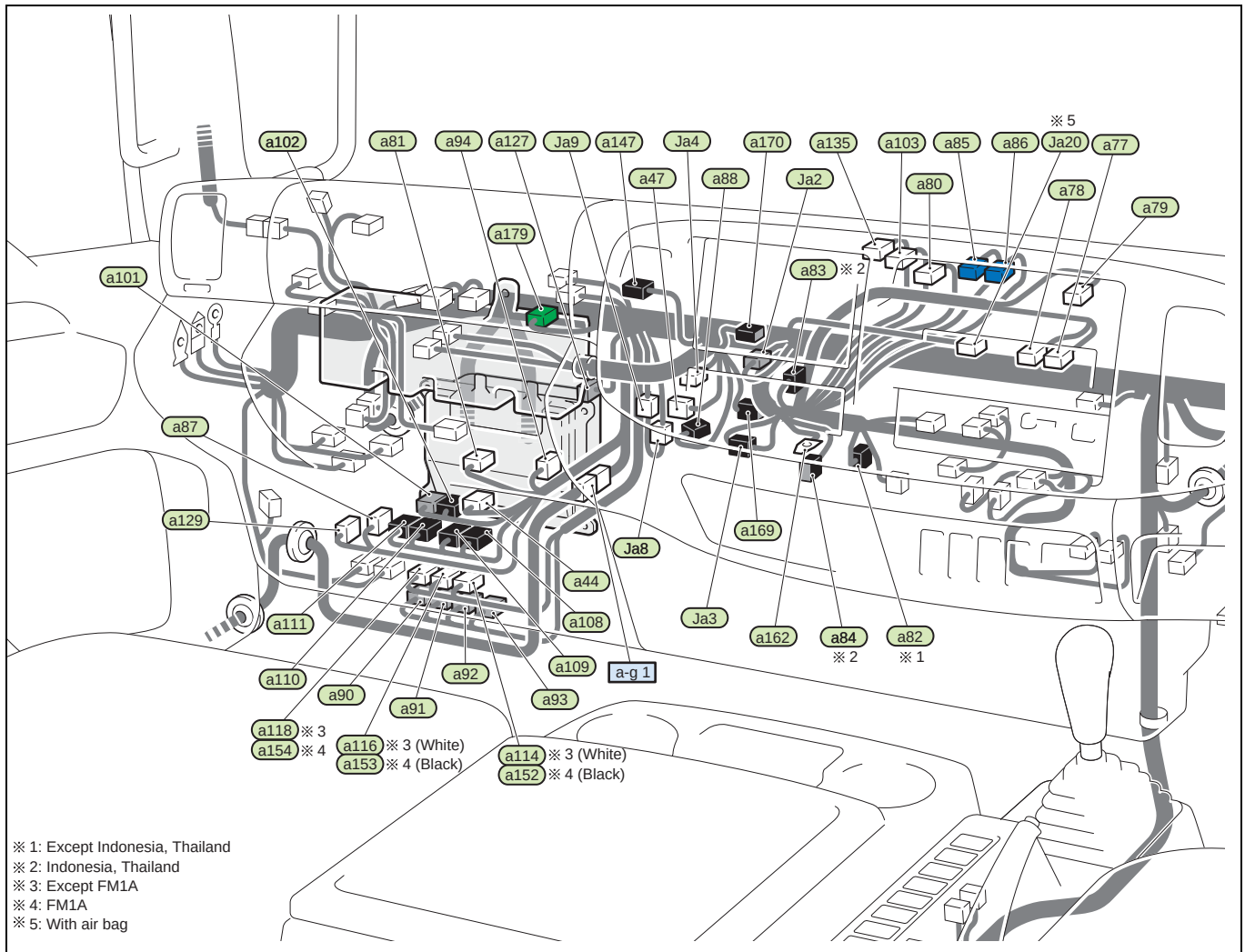
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a1	Relay and fuse block 312	AA	a133	Integrated unit (25 pin)	EM, EN
a2	Relay and fuse block 090	AA	a134	Integrated unit (14 pin)	EM, EN
a30	Front speaker LH	EJ	a150	VCS ECU (31 pin)	LG
a34	Transfer controller	LD	a151	VCS ECU (35 pin-2)	LG, LH, LI
a48	Interface ECU	CJ	a159	Earth AS-1	AB, JA, MA
a49	Autoleveling ECU	CJ	a160	Earth AS-2	BA, BD, CA, CB, CC, EC, EF, EH, EK, EM, EN, FA, MA
a56	ES start controller (12 pin)	HC	a161	Earth AS-3	AA, AE, BA, BD, BF, CB, CE, CI, DA, EA, EC, ED, EG, EK, EL, EM, EN, FA, GB, GC, GI, GJ, GK, GM, HD, IA, ID, KA, KB, LA, LH, LJ, MA
a58	ES start controller (26 pin)	HC	a174	Air conditioner condenser diode	FA
a95	Turn signal flasher	CB, CC	a175	Automatic transmission neutral diode	ID
a96	Wiper controller	EC	Ja1	J/C-1	AD, AE, BA, BD, CB, CC, DA, EA, EL, EM, GA, GB, GC, GD, GE, GM, HA, HC, JA, JB, LB, LG, LH
a97	G sensor	HA	Ja5	J/C-5	BA, BD, GA, GB, GC, GD, GE, GM, HA, HC, HD, LA, LG
a113	ABS solenoid relay	HA	Ja6	J/C Common rail-1	AD, GA, GB, GC, GD, GF, GH, GK, GL, GM, HA, HC, ID, LA, LG, LH, LJ
a120	Engine ECU (35 pin-2)	GA, GB, GC, GD, GL	Ja7	J/C Common rail-2	GA, GB, GC, GD, GF, GH, GK, GL, KA, KB, LJ
a122	Engine ECU (31 pin)	GA, GB, GC, GD	Ja12	J/C Earth DR-N	GA, GB, GC, GD
a125	Mirror heater relay	EK	Ja15	J/C Earth DR-N	GB

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-b 1	Cab main wiring harness to Front wiring harness 1	AA, AB, AD, AE, AH, BA, BD, BE, BG, BI, CA, CB, CC, CD, CE, CF, CH, CI, CJ, EM, GA, GB, GC, GD, GE, GF, GG, GH, GM, HB, HC, HE, IA, IB, ID, JA, LA, LD, LE, LF, LG, MA	a-ea 2	Cab main wiring harness to Engine wiring harness-1_2	GC
a-b 2	Cab main wiring harness to Front wiring harness 2	AA, AD, BA, BB, BC, BD, BE, BF, CB, CD, CK, EE, EM, FA, GM, HA, HC, HD, HF, IC, ID, JA, KA, KB, LD, LE, MA	a-ed 1	Cab main wiring harness to Engine wiring harness-1_1	AD, AH, BA, FA, GM, GO, GP, KA, LA, LB, LG, MA
a-b 3	Cab main wiring harness to Front wiring harness 3	CG, GF, HA, HE, ID, JB, LA, LC	a-ed 2	Cab main wiring harness to Engine wiring harness-1_2	FA, GP
a-b 4	Cab main wiring harness to Front wiring harness 4	AA, CJ, HA, HB	a-ee	Cab main wiring harness to Engine wiring harness	AH, GB
a-b 5	Cab main wiring harness to Front wiring harness 5	GE	a-h 1	Cab main wiring harness to Roof wiring harness 1	CB, CC, DA, EM
a-b 6	Cab main wiring harness to Front wiring harness 6	HD	a-sc	Cab main wiring harness to Brake lock sub wiring harness	HD
a-b 7	Cab main wiring harness to Front wiring harness 7	KA	a-sk	Cab main wiring harness to P.T.O. sub wiring harness	KA, KB
a-b 8	Cab main wiring harness to Front wiring harness 8	GP	a-sl	Cab main wiring harness to Working accelerator sensor sub wiring harness	GL
a-ea 1	Cab main wiring harness to Engine wiring harness-1_1	BA, EN, FA, GA, GC, GD, GH, GK, HB, MA			

IP-2 [INSTRUMENT PANEL (2 of 4)] (Models: Right-hand drive)



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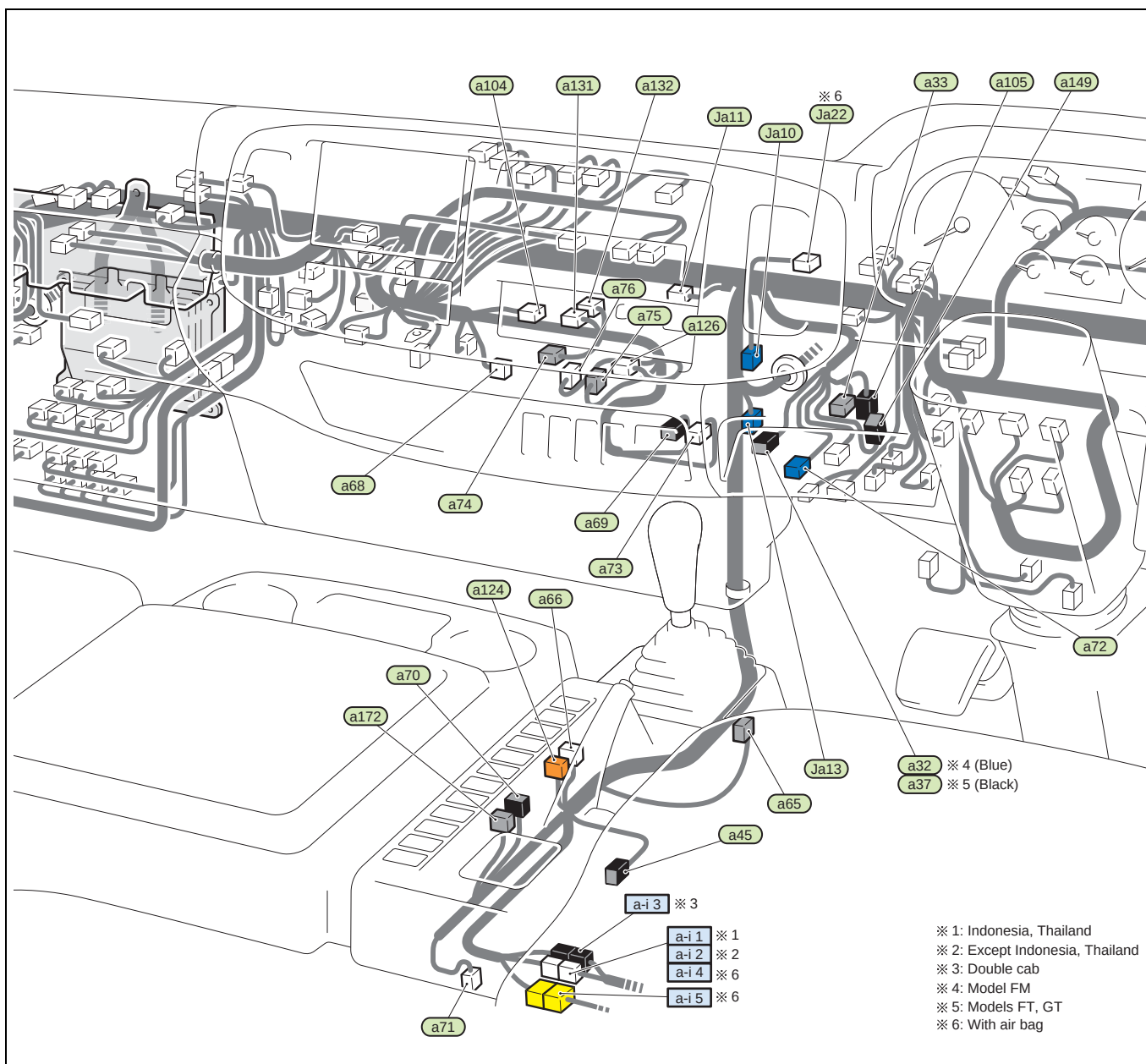
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a44	Brake lock relay	HD	a109	ABS+ES start ECU (28 pin)	HA
a47	DC/DC converter (Leveling)	CE, CJ	a110	ABS+ES start ECU (24 pin)	HA
a77	Blower switch	FA	a111	ABS+ES start ECU (31 pin)	HA
a78	Air conditioner switch	FA	a114	Engine ECU (34 pin)	GA, GB, GC, GD, GL
a79	Radio/Audio unit	EJ	a116	Engine ECU (35 pin-1)	GA, GB, GC, GD, GF, GH, GK, GL
a80	Digital tachograph/ KIENZLE tachograph	BG, BH	a118	Engine ECU (32 pin)	GA, GB, GC, GD, GF, GH, GI, GK, GL, LC
a81	Pulse adjust computer	BA, BD	a127	Headlight washer control relay	EO
a82	Air conditioner unit	FA	a129	DC/DC converter (Common rail)	GC, GD
a83	Blower resistor	FA	a135	Drive master unit	BI, LC
a84	E-thermo	FA	a147	Lock amp	FA
a85	Hour meter	BF	a152	VCS ECU (34 pin)	LG, LH, LI
a86	Hour meter illumination	BF	a153	VCS ECU (35 pin-1)	LG, LH
a87	DC/DC converter (Hour meter)	BF	a154	VCS ECU (32 pin)	LC, LG, LJ
a88	Blower motor	FA	a162	Earth G3 audio	EJ, MA
a90	TICS ECU (26 pin)	GE	a169	PCV diode	GB
a91	TICS ECU (16 pin)	GE	a170	Engine stop diode	GM
a92	TICS ECU (12 pin)	GE	a179	Resister	GC
a93	TICS ECU (22 pin)	GE	Ja2	J/C-2	AD, BF, CB, CC, CJ, EH, EM, EN, EO, GA, GB, GC, GD, GE, GF, HD, LA, LG, LH, LI
a94	Over run relay	BD	Ja3	J/C-3	BA, BD, BF, BG, BI, CA, CE, CI, EF, EJ, EL, EO, FA, GK, KA, KB, LD LJ
a101	ABS ECU (18 pin)	HB	Ja4	J/C-4	BA, CB, CC, CF, CI, CJ, EM, GA, GB, GC, GD, GM, HA, HC, LB, LD, LG
a102	ABS ECU (14 pin)	HB	Ja8	J/C Common rail-3	GA, GB, GC, GD
a103	DC/DC converter (12V)	AC	Ja9	J/C Common rail-4	GA, GB, GC, GD
a108	ABS+ES start ECU (22 pin)	HA	Ja20	SA/SB J/C	ER, LA

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-g 1	Cab main wiring harness to Door LH wiring harness 1	CB, CC, EA, EH, EK, EM			

IP-3 [INSTRUMENT PANEL (3 of 4)] (Models: Right-hand drive)



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ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a32	Transfer High/Low selector switch	LD	a76	Coolant level warning relay	BA, BD
a33	4WD selector switch	LD	a104	Service power (Ignition)	AA
a37	Differential lock switch	HF	a105	Trailer hand brake switch	BA, BD
a45	Parking brake lever switch	HD	a124	Mirror heater switch	EK
a65	Automatic transmission shift selector	ID, LC	a126	Keyless entry controller	EL
a66	Power mirror switch	ED	a131	Idle up 1	GL
a68	Power mirror relay	ED	a132	Idle up 2	GL
a69	ES start main switch	HA, HC	a149	Power mode switch	GI, LH
a70	Fluorescent light switch	DA	a172	Idle up switch	LH
a71	Parking brake switch	BA, BD			
a72	Transmission P.T.O. switch	KA, KB	Ja10	J/C Earth G4-a	BA, BD, BG, BH, BI, HB, HC, ID, LD, MA
a73	Cigarette lighter	EF	Ja11	J/C CAN	LB, LC
a74	ETC. spare power supply connector	AB	Ja13	J/C Earth G3	AC, AE, BA, BD, CB, CC, CE, CF, DA, EA, ED, EG, EK, EL, EM, EO,GC, GI, GJ, GK, HA, HD, IA, IB, ID, KA, KB, LA, LH, LJ, MA
a75	Power door lock controller	EA	Ja22	SA/SB E1 J/C	ER

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-i 1	Cab main wiring harness to Floor wiring harness 1	DA	a-i 4	Cab main wiring harness to Floor wiring harness 4	BA
a-i 2	Cab main wiring harness to Floor wiring harness 2	DA, EG	a-i 5	Cab main wiring harness to Floor wiring harness 5	BA, ER
a-i 3	Cab main wiring harness to Floor wiring harness 3	EA, EH, EM, JB			

※ 1: Thailand
 ※ 2: Except Thailand
 ※ 3: Hong Kong
 ※ 4: Hong Kong, Singapore
 ※ 5: FT, GT
 ※ 6: With ES start
 ※ 7: Double cab
 ※ 8: With FS cruise
 ※ 9: Except FM1A
 ※ 10: FM1A
 ※ 11: With air bag

a164 ※ 3 a167 ※ 9
 a166 ※ 7 a171 ※ 10
 a163 ※ 3
 a165 ※ 7
 a173 ※ 10
 a168
 a10 ※ 5
 a112 ※ 6
 a21
 a23
 a9
 a27
 a25
 a3 ※ 1 (Brown)
 a128 ※ 3 (Green)
 a31
 a187 ※ 11
 a46
 a156
 a157
 a158
 a-f1 ※ 1
 a-f2 ※ 2
 a-f3
 a41
 a51
 a35
 a36
 a38
 a39
 a40
 a50 ※ 7
 a130 ※ 8
 a7 ※ 1 (Black)
 a8 ※ 4 (Blue)
 a106
 a20
 a13
 a18
 a16
 a14
 a12
 a5
 a188 ※ 11
 a15
 a100
 a42
 a43
 Ja21
 a11

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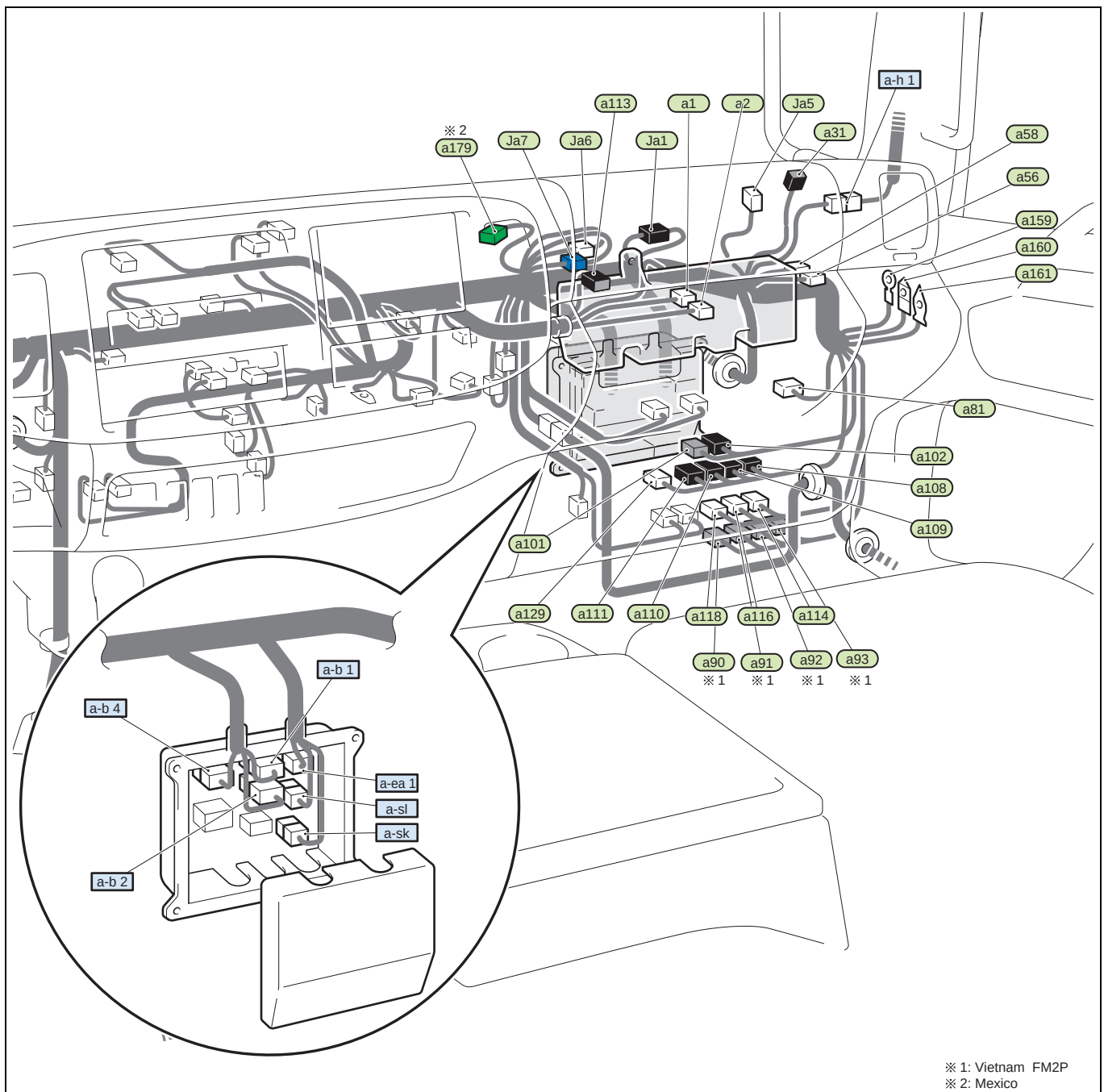
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a3	Parking light switch	CB	a41	Accelerator switch	GF, GG, GH, LI
a5	Front fog light switch	CI	a42	Brake lock control magnetic valve	HD
a6	Clutch switch	GF, GG, LI	a43	Brake lock control valve position switch	HD
a7	Diagnosis connector (16 pin)	LB, LC	a46	Headlight beam control switch	CE
a8	DLC4	LB, LC	a50	Power window switch (For rear LH) (Driver's seat side)	EH
a9	Dump warning buzzer	KA, KB	a51	Power window switch (For rear RH) (Driver's seat side)	EH
a10	Transfer warning buzzer	LD	a100	ABS diagnosis switch	HB
a11	Warning buzzer	BA, BD	a106	Diagnosis connector (ATM)	ID, LC
a12	Stop light switch	CB, CC, EM, GC, GK	a112	ES start warning buzzer	HA
a13	P.T.O. clutch switch	KA, KB, LD, LH	a128	Headlight washer switch	EO
a14	Clutch stroke sensor	HA, HC	a130	Cruise main switch	GK, LJ
a15	Horn switch	EE	a156	Earth DR-1	AB, MA
a16	Light and turn switch	CA, CB, CC, EM, GK, LJ	a157	Earth DR-2	BD, CA, CB, CC, EC, EF, EG, EH, EK, EM, EN, FA, MA
a18	Wiper and retarder switch	CB, CC, EC, EM, EN, EO, GF, GG, GH, HE, LI	a158	Earth DR-3	AA, AE, BA, BD, BF, CB, CC, CE, CI, DA, EA, EC, ED, EH, EK, EL, EM, EN, FA, GB, GC, GI, GJ, GK, HD, IA, IB, ID, KA, KB, LA, LH, LJ, MA
a20	Starter switch	AA	a163	Hong Kong diode 1	CB
a21	Combination meter (22 Pin-L)	BA, BD, LC	a164	Hong Kong diode 2	CB
a23	Combination meter (18 pin-L)	BA, BD	a165	Cab tilt diode No. 1	JB
a25	Combination meter (22 pin-R)	BA, BD	a166	Cab tilt diode No. 2	JB
a27	Combination meter (18 pin-R)	BA, BD	a167	P.T.O. diode	KA
a31	Front speaker RH	EJ	a168	Air conditioner diode	FA
a35	Idle volume	GA, GB, GC, GD, LG	a171	P.T.O. diode (FM1A)	KA, LH
a36	Accelerator sensor	GA, GB, GC, GD, GM	a173	Vehicle speed diode	GM
a38	Diagnosis connector (Black)	LA	a187	Air bag ECU	ER
a39	Diagnosis connector (White)	LA	a188	Combination switch	ER
a40	Diagnosis short circuit connector	LA	Ja21	ISOK JC4P	ER, LB

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-f 1	Cab main wiring harness to Door RH wiring harness 1	CB	a-f 3	Cab main wiring harness to Door RH wiring harness 3	EM
a-f 2	Cab main wiring harness to Door RH wiring harness 2	CB, CC, EA, EH, EK, EL, EM			

IP-5 [INSTRUMENT PANEL (1 of 4)] (Models: Left-hand drive)



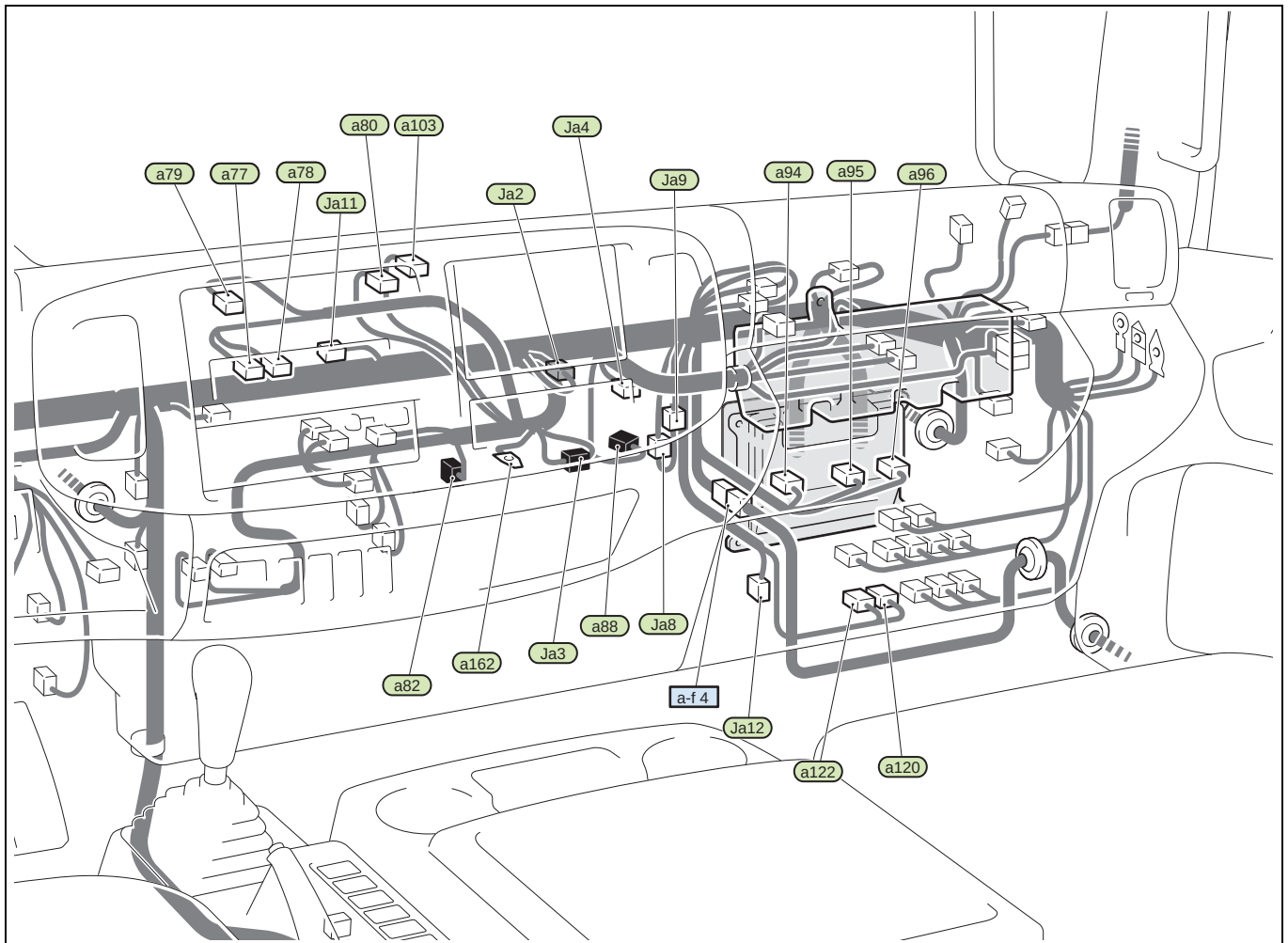
※ 1: Vietnam FM2P
 ※ 2: Mexico
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ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a1	Relay and fuse block 312	AA	a111	ABS+ES start ECU (31 pin)	HA
a2	Relay and fuse block 090	AA	a113	ABS solenoid relay	HA
a31	Front speaker RH	EJ	a114	Engine ECU (34 pin)	GA, GD, GL
a56	ES start controller (12 pin)	HC	a116	Engine ECU (35 pin-1)	GA, GD, GF, GL
a58	ES start controller (26 pin)	HC	a118	Engine ECU (32 pin)	GA, GD, GF, GL, LC
a81	Pulse adjust computer	BA	a129	DC/DC converter (Common rail)	GD
a90	TICS ECU (26 pin)	GE	a159	Earth AS-1	AB, MA
a91	TICS ECU (16 pin)	GE	a160	Earth AS-2	BA, CA, CB, EC, EF, EI, FA, MA
a92	TICS ECU (12 pin)	GE	a161	Earth AS-3	BA, CB, CI, DA, EB, EC, FA, IA, KA, KB, KC, LA, MA
a93	TICS ECU (22 pin)	GE	a179	Resister	GD
a101	ABS ECU (18 pin)	HA	Ja1	J/C-1	AD, BA, CB, DA, EB, GA, GD, HA, HC, LB
a102	ABS ECU (14 pin)	HA	Ja5	J/C-5	BA, GA, GD, HA, HC
a108	ABS+ES start ECU (22 pin)	HA	Ja6	J/C Common rail-1	AD, GA, GD, GF, GL, HA, HC, LA
a109	ABS+ES start ECU (28 pin)	HA	Ja7	J/C Common rail-2	GA, GD, GF, GL, KA, KB, KC
a110	ABS+ES start ECU (24 pin)	HA			

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-b 1	Cab main wiring harness to Front wiring harness 1	AA, AB, AD, AH, BA, BG, CA, CB, CF, CI, GA, GD, GF, HB, HC, IA, LA, MA	a-h 1	Cab main wiring harness to Roof wiring harness 1	CB, DA
a-b 2	Cab main wiring harness to Front wiring harness 2	AA, AD, BA, BB, BC, CB, EE, FA, HA, HC, HF, KA, KB, MA	a-sk	Cab main wiring harness to P.T.O. sub wiring harness	KA, KB, KC
a-b 4	Cab main wiring harness to Front wiring harness 4	AA, HA, HB	a-sl	Cab main wiring harness to Working accelerator sensor sub wiring harness	GL
a-ea 1	Cab main wiring harness to Engine wiring harness-1_1	BA, FA, GA, GD, HB, MA			

IP-6 [INSTRUMENT PANEL (2 of 4)] (Models: Left-hand drive)

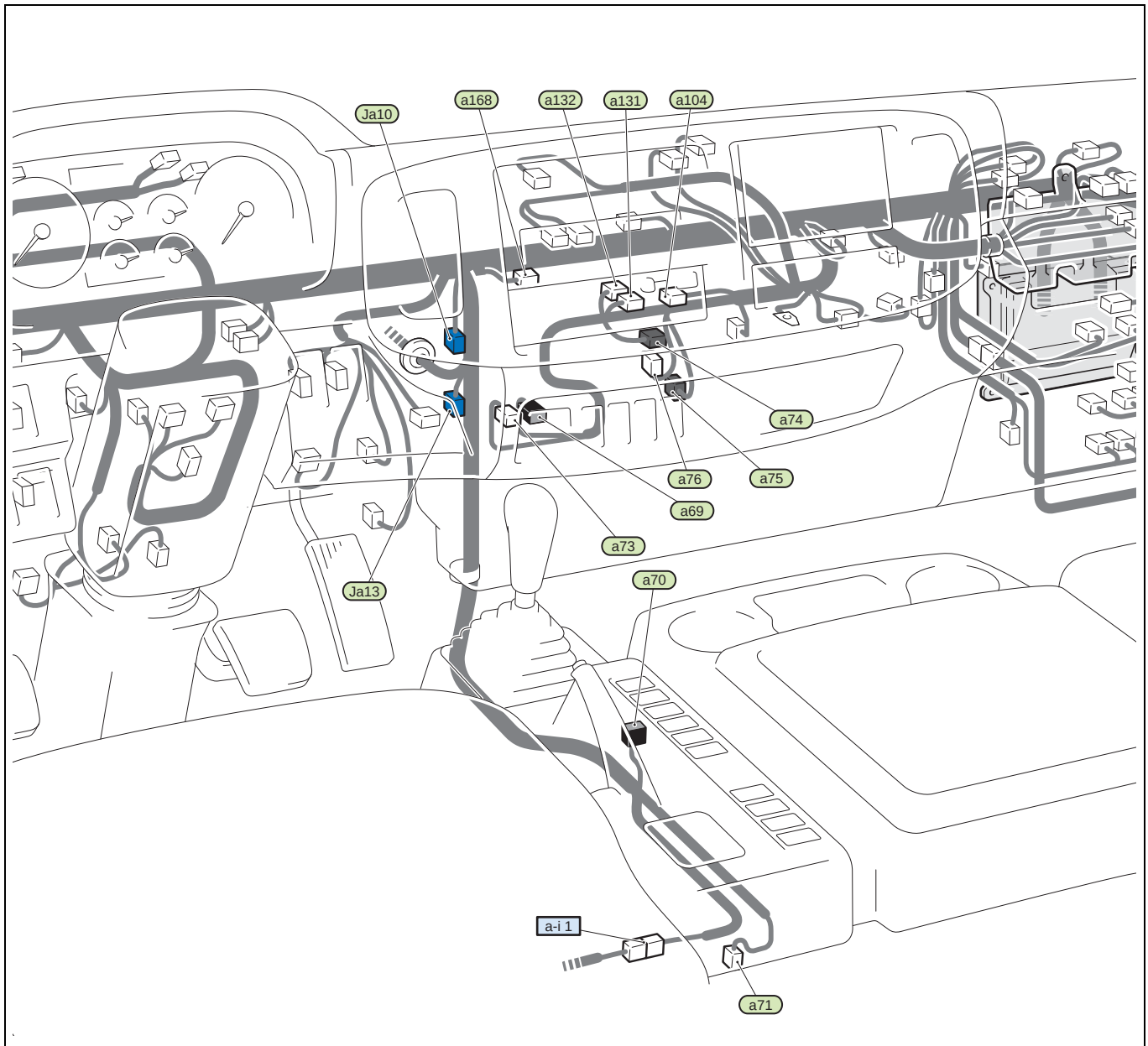
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ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a77	Blower switch	FA	a120	Engine ECU (35 pin-2)	GA, GD
a78	Air conditioner switch	FA	a122	Engine ECU (31 pin)	GA, GD
a79	Radio/Audio unit	EJ	a162	Earth G3 audio	EJ, MA
a80	Digital tachograph	BG	Ja2	J/C-2	AD, CB, EI, GA, GD, GF, LA
a82	Air conditioner unit	FA	Ja3	J/C-3	BA, BG, CA, CI, EF, EJ, FA, KA, KB, KC
a88	Blower motor	FA	Ja4	J/C-4	BA, CB, CF, CI, GA, GD, HA, HC, LB
a94	Over run relay	BD	Ja8	J/C Common rail-3	GA, GD
a95	Turn signal flasher	CB	Ja9	J/C Common rail-4	GA, GD
a96	Wiper controller	EC	Ja11	J/C CAN	LB, LC
a103	DC/DC converter (12V)	AC	Ja12	J/C Earth DR-N	GA, GD

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-f 4	Cab main wiring harness to Door RH wiring harness 4	CB, EB, EI			

IP-7 [INSTRUMENT PANEL (3 of 4)] (Models: Left-hand drive)

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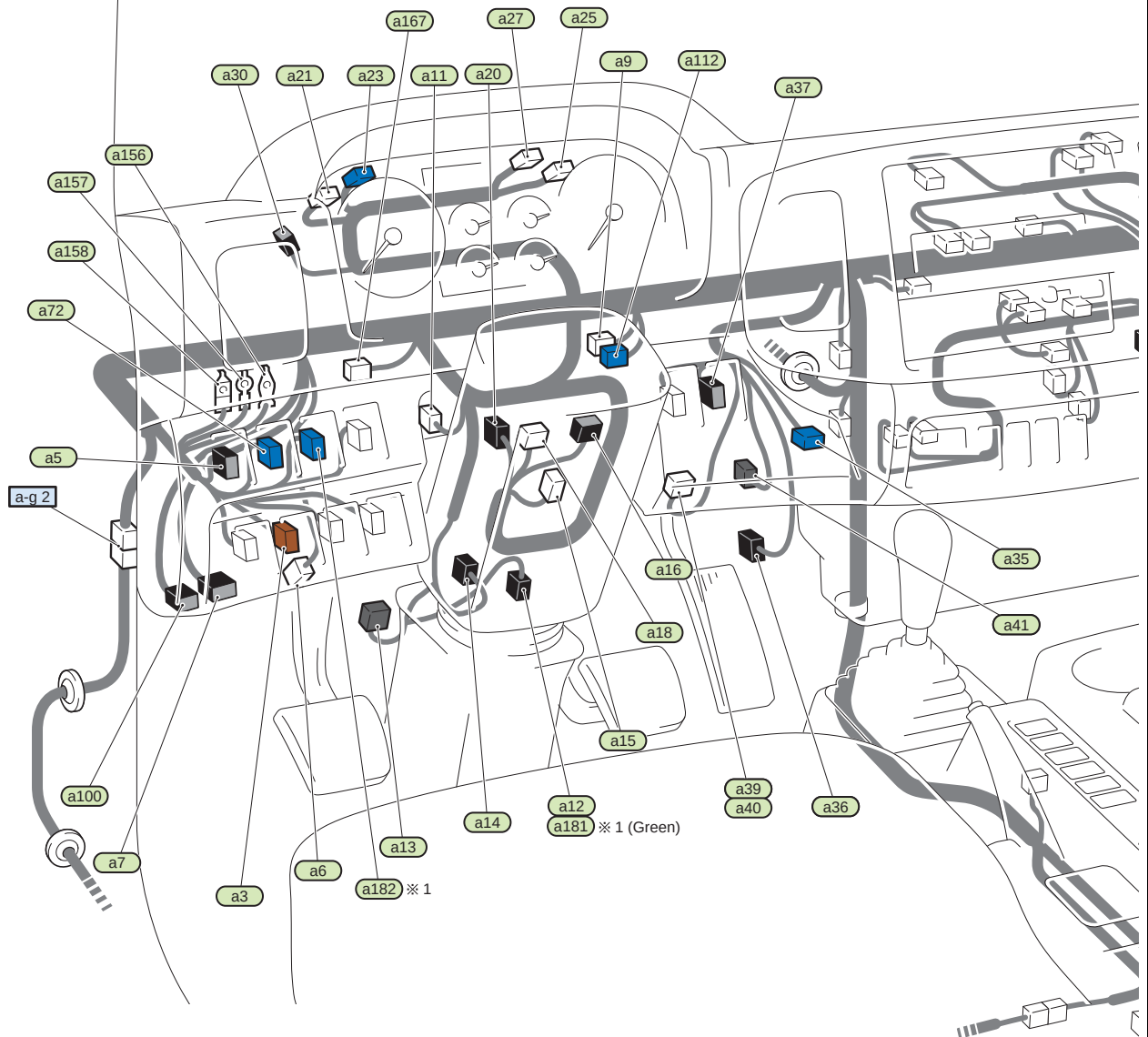
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a69	ES start main switch	HA, HC	a104	Service power (Ignition)	AA
a70	Fluorescent light switch	DA	a131	Idle up 1	GL
a71	Parking brake switch	BA	a132	Idle up 2	GL
a73	Cigarette lighter	EF	a168	Air conditioner diode	FA
a74	ETC. spare power supply connector	AB			
a75	Power door lock controller	EB	Ja10	J/C Earth G4-a	BA, BG, HB, HC, MA
a76	Coolant level warning relay	BA	Ja13	J/C Earth G3	AC, BA, CB, CF, DA, EB, HA, IA, ID, KA, KB, KC, LA, MA

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-i 1	Cab main wiring harness to Floor wiring harness 1	DA			

IP-8 [INSTRUMENT PANEL (4 of 4)] (Models: Left-hand drive)



※ 1: Mexico

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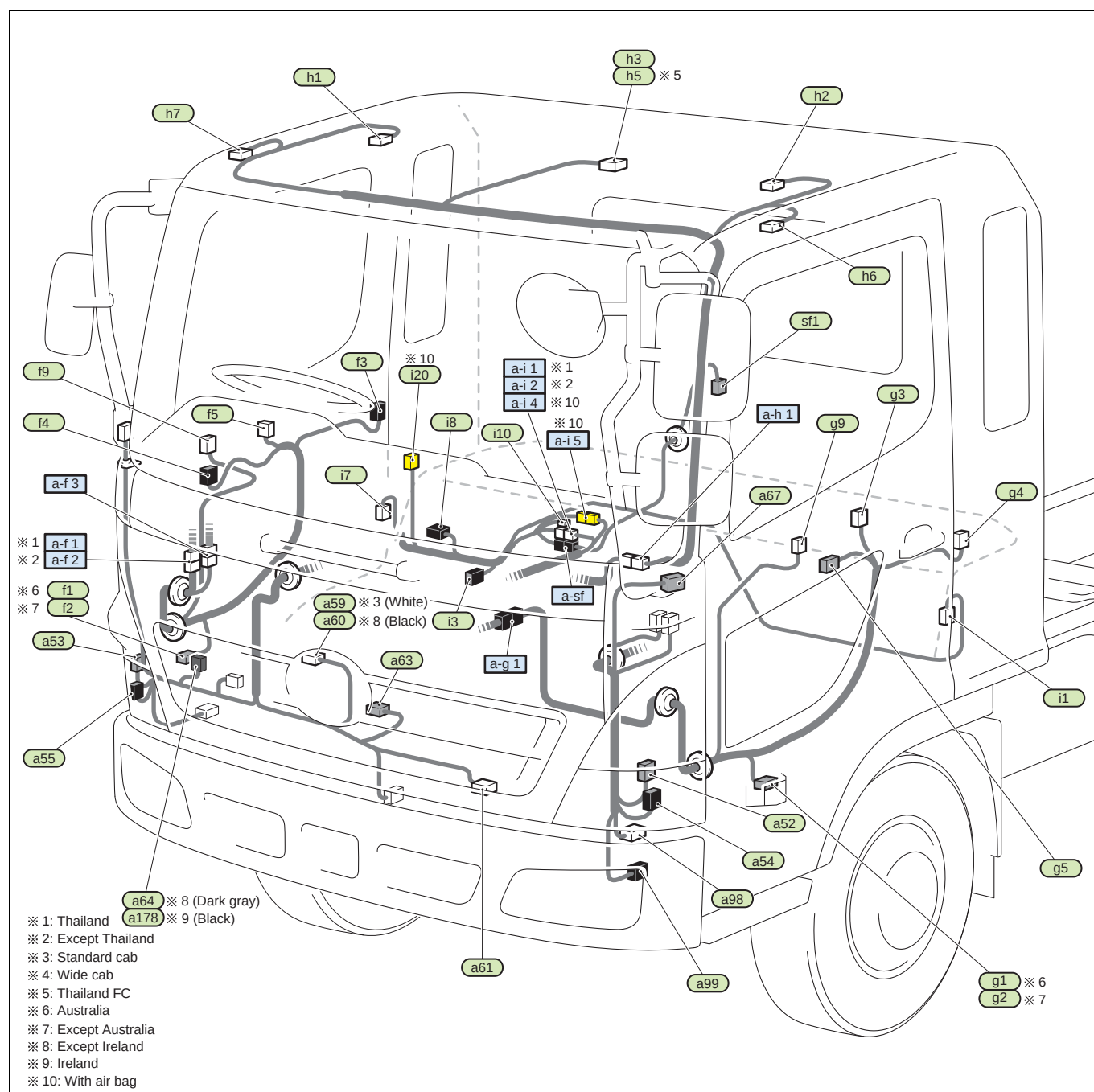
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a3	Parking light switch	CB	a30	Front speaker LH	EJ
a5	Front fog light switch	CI	a35	Idle volume	GA, GD
a6	Clutch switch	GF	a36	Accelerator sensor	GA, GD
a7	Diagnosis connector (16 pin)	LB, LC	a37	Differential lock switch	HF
a9	Dump warning buzzer	KA, KB	a39	Diagnosis connector (White)	LA
a11	Warning buzzer	BA	a40	Diagnosis short circuit connector	LA
a12	Stop light switch	CB	a41	Accelerator switch	GF
a13	P.T.O. clutch switch	KA, KB, KC	a72	Transmission P.T.O. switch	KA, KB, KC
a14	Clutch stroke sensor	HA, HC	a100	ABS diagnosis switch	HB
a15	Horn switch	EE	a112	ES start warning buzzer	HA
a16	Light and turn switch	CA, CB	a156	Earth DR-1	AB, MA
a18	Wiper and retarder switch	CB, EC, GE	a157	Earth DR-2	CA, CB, EC, EF, EI, FA, MA
a20	Starter switch	AA	a158	Earth DR-3	BA, CB, CI, DA, EB, EC, FA, IA, KA, KB, KC, LA, MA
a21	Combination meter (22 pin-L)	BA, LC	a167	P.T.O. diode	KA, KC
a23	Combination meter (18 pin-L)	BA	a181	Stop light switch	GD
a25	Combination meter (22 pin-R)	BA	a182	Cruse set and resume switch (Light and turn switch)	GK
a27	Combination meter (18 pin-R)	BA			

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-g 2	Cab main wiring harness to Door LH wiring harness 2	CB, EB, EI			

CA-1 (CAB) [Models: Right-hand drive (Single cab)]



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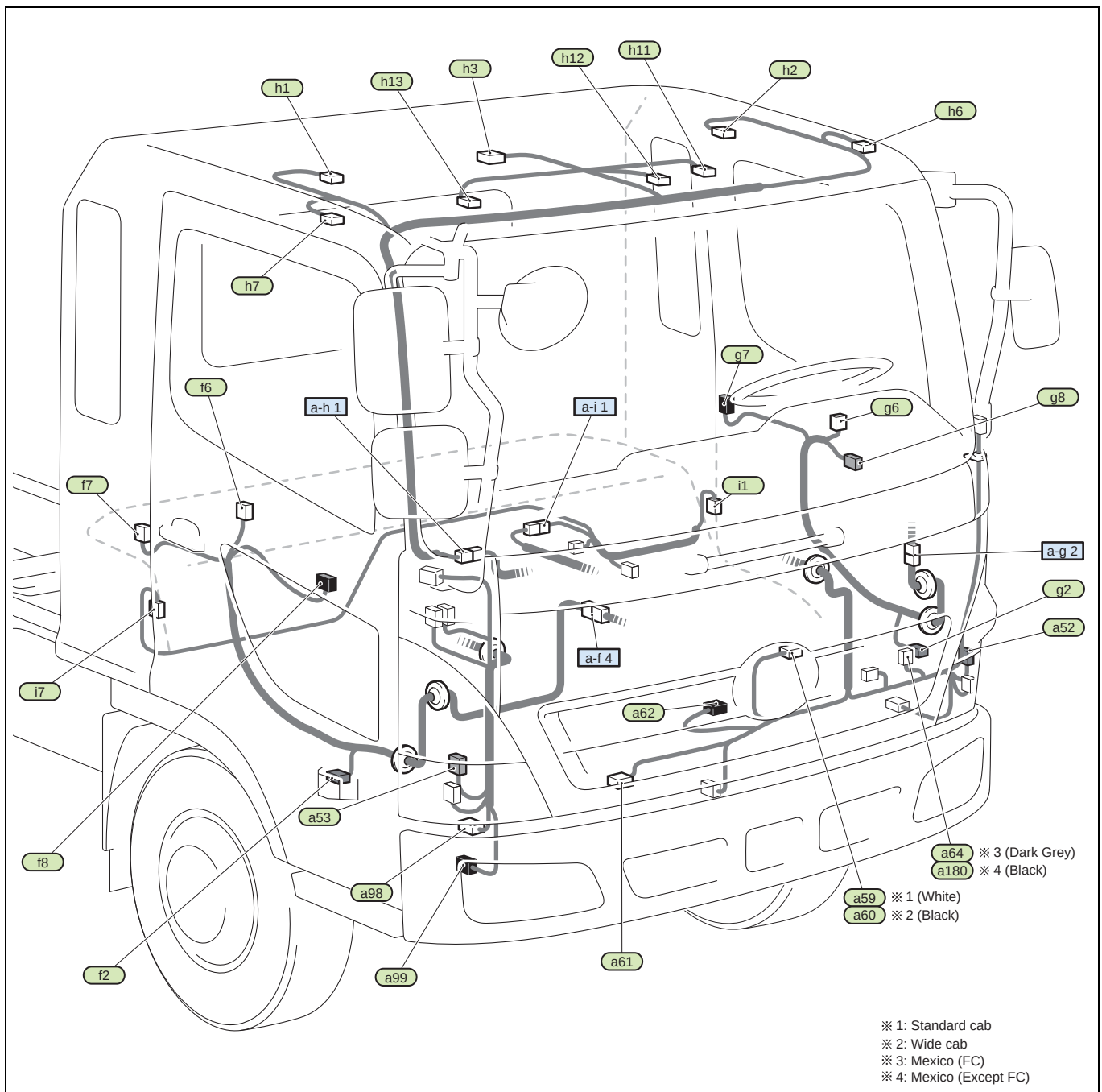
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a52	Turn signal light (Front LH)	CB, CC, EM	g1	Side turn signal light (Front LH)	EM
a53	Turn signal light (Front RH)	CB, CC, EM	g2	Side turn signal light (Front LH)	CB, CC
a54	Side marker light LH	CB, CC, EM	g3	Power window switch (Passenger's seat side)	EH
a55	Side marker light RH	CB, CC, EM	g4	Power door lock actuator (Passenger's seat side)	EA, EM
a59	Wiper motor (Standard cab)	EC, EN	g5	Power window motor (Passenger's seat side)	EH
a60	Wiper motor (Wide cab)	EC, EN	g9	Mirror heater LH	EK
a61	Pressure switch (Triple)	FA	h1	Dome light (Front RH)	DA
a63	Engine stop motor	GJ	h2	Dome light (Front LH)	DA
a64	Brake switch (Except Ireland)	GH, GK	h3	Fluorescent light	DA
a67	Power mirror motor	ED	h5	Dome light (Center)	DA
a98	Washer pump motor (Headlight washer pump motor)	EC, EN, EO	h6	Front endout marker light LH	CB, CC, EM
a99	Air conditioner condenser	FA	h7	Front endout marker light RH	CB, CC, EM
a178	Brake switch (For Ireland)	HC	i1	Courtesy switch (Front LH)	DA
f1	Side turn signal light (Front RH)	EM	i3	Seat belt switch	EG
f2	Side turn signal light (Front RH)	CB, CC	i7	Courtesy switch (Front RH)	DA
f3	Power door lock switch (Driver's seat side)	EA, EM	i8	Seat belt switch (For Australia)	EG
f4	Power window motor (Driver's seat side)	EH	i10	Dome light diode	DA
f5	Power window switch (Driver's seat side)	EH	i20	Seat belt pretensioner	ER
f9	Mirror heater RH	EK	sf1	Cab tilt lock switch	JA

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-f 1	Cab main wiring harness to Door RH wiring harness 1	CB	a-i 1	Cab main wiring harness to Floor wiring harness 1	DA
a-f 2	Cab main wiring harness to Door RH wiring harness 2	CB, EA, EH, EK, EL, EM	a-i 2	Cab main wiring harness to Floor wiring harness 2	DA, EG
a-f 3	Cab main wiring harness to Door RH wiring harness 3	EM	a-i 4	Cab main wiring harness to Floor wiring harness 4	BA
a-g 1	Cab main wiring harness to Door LH wiring harness 1	CB, EA, EH, EK, EM	a-i 5	Cab main wiring harness to Floor wiring harness 5	BA, ER
a-h 1	Cab main wiring harness to Roof wiring harness 1	CB, DA, EM	a-sf	Cab main wiring harness to Floor panel sub wiring harness	JA

CA-2 (CAB) (Models: Left-hand drive)



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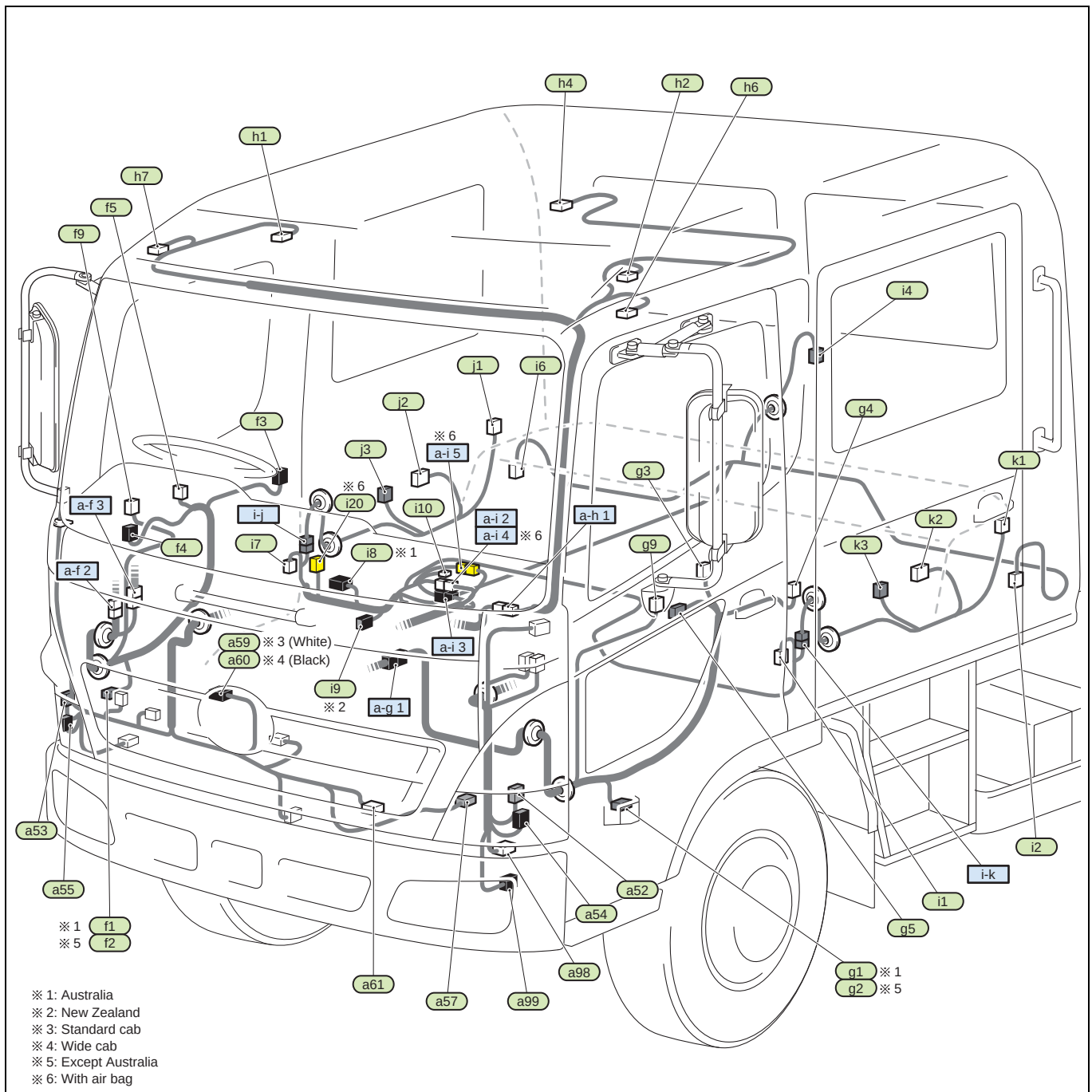
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a52	Turn signal light (Front LH)	CB	g2	Side turn signal light (Front LH)	CB
a53	Turn signal light (Front RH)	CB	g6	Power window switch (Driver's seat side)	EI
a59	Wiper motor (Standard cab)	EC	g7	Power door lock switch (Driver's seat side)	EB
a60	Wiper motor (Wide cab)	EC	g8	Power window motor (Driver's seat side)	EI
a61	Pressure switch (Triple)	FA	h1	Dome light (Front RH)	DA
a62	Engine stop motor	GJ	h2	Dome light (Front LH)	DA
a64	Brake switch (FC)	GK	h3	Fluorescent light	DA
a98	Washer pump motor (Headlight washer pump motor)	EC	h6	Front endout marker light LH	CB
a99	Air conditioner condenser	FA	h7	Front endout marker light RH	CB
a180	Brake switch (Except FC)	GD	h11	Indicator light LH	CB
f2	Side turn signal light (Front RH)	CB	h12	Indicator light center	CB
f6	Power window switch (Passenger's seat side)	EI	h13	Indicator light RH	CB
f7	Power door lock actuator (Passenger's seat side)	EB	i1	Courtesy switch (Front LH)	DA
f8	Power window motor (Passenger's seat side)	EI	i7	Courtesy switch (Front RH)	DA

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-f 4	Cab main wiring harness to Door RH wiring harness 4	CB, EB, EI	a-h 1	Cab main wiring harness to Roof wiring harness 1	CB, DA
a-g 2	Cab main wiring harness to Door LH wiring harness 2	CB, EB, EI	a-i 1	Cab main wiring harness to Floor wiring harness 1	DA

CA-3 (CAB) [Models: Right-hand drive (Double cab)]



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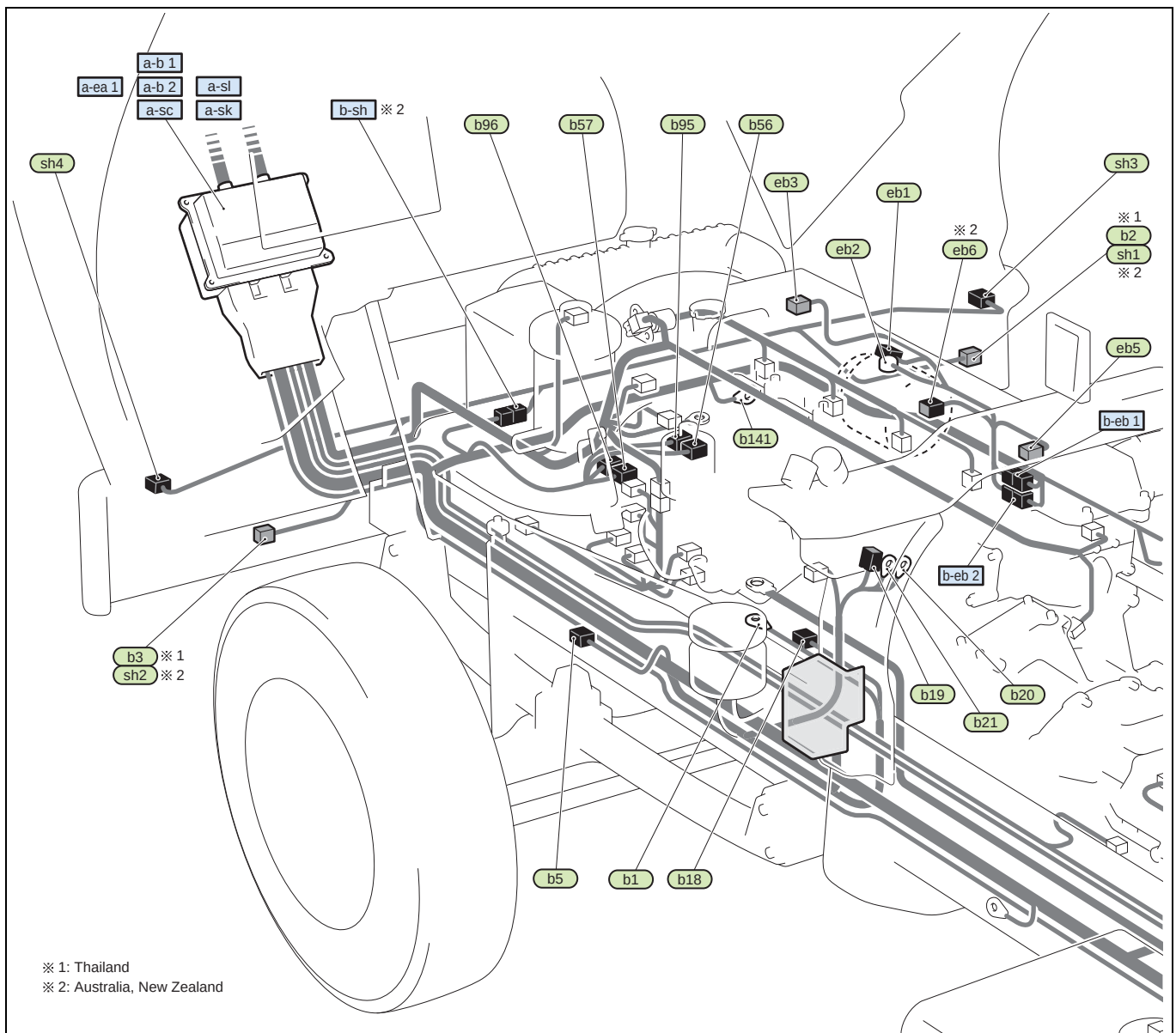
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a52	Turn signal light (Front LH)	CB, EM	g9	Mirror heater LH	EK
a53	Turn signal light (Front RH)	CB, EM	h1	Dome light (Front RH)	DA
a54	Side marker light LH	EM	h2	Dome light (Front LH)	DA
a55	Side marker light RH	EM	h4	Dome light (Rear)	DA
a57	Cab tilt stop switch	JB	h6	Front endout marker light LH	CB, EM
a59	Wiper motor (Standard cab)	EC, EN	h7	Front endout marker light RH	CB, EM
a60	Wiper motor (Wide cab)	EC, EN	i1	Courtesy switch (Front LH)	DA
a61	Pressure switch (Triple)	FA	i2	Courtesy switch (Rear LH)	DA
a98	Washer pump motor	EC, EN	i4	Cab tilt lock switch	JB
a99	Air conditioner condenser	FA	i6	Courtesy switch (Rear RH)	DA
f1	Side turn signal light (Front RH)	EM	i7	Courtesy switch (Front RH)	DA
f2	Side turn signal light (Front RH)	CB	i8	Seat belt switch (For Australia)	EG
f3	Power door lock switch (Driver's seat side)	EA, EM	i9	Seat belt switch (For New Zealand)	EG
f4	Power window motor (Driver's seat side)	EH	i10	Dome light diode	DA
f5	Power window switch (Driver's seat side)	EH	i20	Seat belt pretensioner	ER
f9	Mirror heater RH	EK	j1	Power door lock actuator (Rear RH)	EA, EM
g1	Side turn signal light (Front LH)	EM	j2	Power window switch (For rear RH) (Rear seat side)	EH
g2	Side turn signal light (Front LH)	CB	j3	Power window motor (Rear RH)	EH
g3	Power window switch (Passenger's seat side)	EH	k1	Power door lock actuator (Rear LH)	EA, EM
g4	Power door lock actuator (Passenger's seat side)	EA, EM	k2	Power window switch (For rear LH) (Rear seat side)	EH
g5	Power window motor (Passenger's seat side)	EH	k3	Power window motor (Rear LH)	EH

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-f 2	Cab main wiring harness to Door RH wiring harness 2	CB, EA, EH, EK, EL, EM	a-i 3	Cab main wiring harness to Floor wiring harness 3	EA, EH, EM, JB
a-f 3	Cab main wiring harness to Door RH wiring harness 3	EM	a-i 4	Cab main wiring harness to Floor wiring harness 4	BA
a-g 1	Cab main wiring harness to Door LH wiring harness 1	CB, EA, EH, EK, EM	a-i 5	Cab main wiring harness to Floor wiring harness 5	BA, ER
a-h 1	Cab main wiring harness to Roof wiring harness 1	DA, EM	i-j	Floor wiring harness to Rear door RH wiring harness	EA, EH, EM
a-i 2	Cab main wiring harness to Floor wiring harness 2	DA, EG	i-k	Floor wiring harness to Rear door LH wiring harness	EA, EH, EM

EG-1 [ENGINE (1 of 3)] (Models: FC for Australia, New Zealand, Thailand)



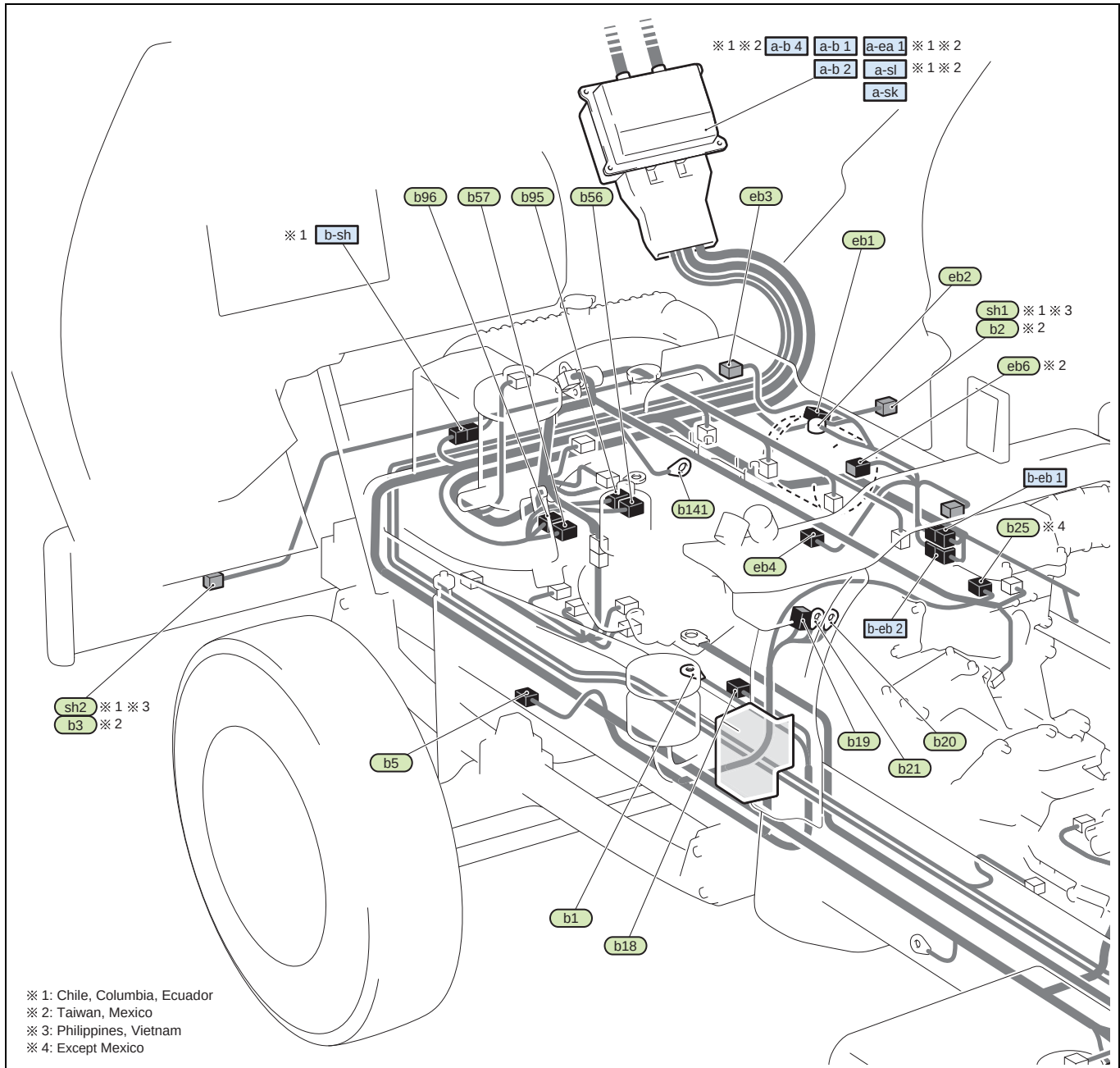
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ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b1	Starter (Terminal B)	AD	b96	Horn (Low) (Terminal L)	EE
b2	Headlight RH	CA	b141	Earth No.1 crossmember	BB, CF, EE, EM, HA, LF, MA
b3	Headlight LH	CA	eb1	Alternator (Terminals L, R)	AH
b5	Wheel sensor (Front LH)	HA	eb2	Alternator (Terminal B)	AH
b18	Starter (Terminal C)	AD	eb3	Coolant temperature sensor	GA, GD
b19	Starter relay (Coil)	AD	eb5	Oil pressure switch	BA
b20	Starter relay (Terminal B)	AD	eb6	VNT controller	GD
b21	Starter relay (Terminal C)	AD	sh1	Headlight RH	CA
b56	Horn (High) (Terminal B)	EE	sh2	Headlight LH	CA
b57	Horn (Low) (Terminal B)	EE	sh3	Headlight beam control actuator RH	CE
b95	Horn (High) (Terminal L)	EE	sh4	Headlight beam control actuator LH	CE

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-b 1	Cab main wiring harness to Front wiring harness 1	AA, AB, AD, AH, BA, BG, BI, CA, CB, CE, CF, CI, EM, GA, GD, GF, LA, LF, MA	a-sl	Cab main wiring harness to Working accelerator sensor sub wiring harness	GL
a-b 2	Cab main wiring harness to Front wiring harness 2	AA, AD, BA, BB, EE, EM, FA, HA, HD, KA, MA	b-eb 1	Front wiring harness to Engine wiring harness-2_1	AH, BA, FA, GA, GD
a-ea 1	Cab main wiring harness to Engine wiring harness-1_1	BA, EN, FA, GA, GD, GK, MA	b-eb 2	Front wiring harness to Engine wiring harness-2_2	AH
a-sc	Cab main wiring harness to Brake lock sub wiring harness	HD	b-sh	Front wiring harness to headlight sub wiring harness	CA, CE
a-sk	Cab main wiring harness to P.T.O. sub wiring harness	KA			

EG-2 [ENGINE (1 of 3)]**(Models: FC for Chile, Colombia, Ecuador, Philippines, Taiwan, Vietnam, Mexico)**

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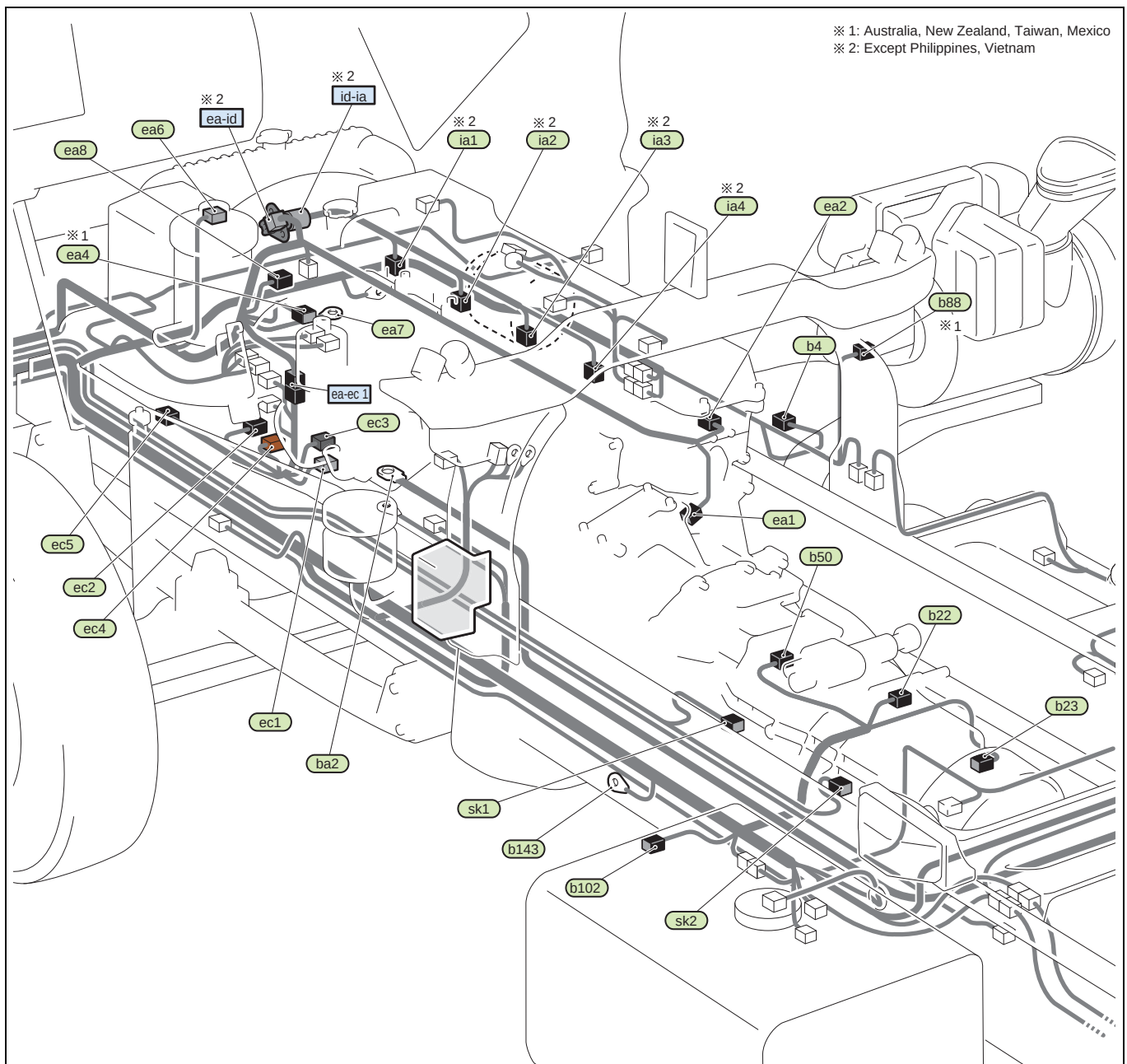
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b1	Starter (Terminal B)	AD	b95	Horn (High) (Terminal L)	EE
b2	Headlight RH	CA	b96	Horn (Low) (Terminal L)	EE
b3	Headlight LH	CA	b141	Earth No.1 crossmember	BB, CF, EE, HA, MA
b5	Wheel sensor (Front LH)	HA	eb1	Alternator (Terminals L, R)	AH
b18	Starter (Terminal C)	AD	eb2	Alternator (Terminal B)	AH
b19	Starter relay (Coil)	AD	eb3	Coolant temperature sensor	GA, GD
b20	Starter relay (Terminal B)	AD	eb4	Air conditioner compressor	FA
b21	Starter relay (Terminal C)	AD	eb5	Oil pressure switch	BA
b25	Tachometer sensor	BE	eb6	VNT controller	GD
b56	Horn (High) (Terminal B)	EE	sh1	Headlight RH	CA
b57	Horn (Low) (Terminal B)	EE	sh2	Headlight LH	CA

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-b 1	Cab main wiring harness to Front wiring harness 1	AA, AB, AD, AH, BA, BG, CA, CB, CF, CI, GA, GD, GF, LA, MA	a-sl	Cab main wiring harness to Working accelerator sensor sub wiring harness	GL
a-b 2	Cab main wiring harness to Front wiring harness 2	AA, AD, BA, BB, CB, EE, FA, HA, KA, MA	b-eb 1	Front wiring harness to Engine wiring harness-2_1	AH, BA, FA, GA, GD
a-b 4	Cab main wiring harness to Front wiring harness 4	AA, HA	b-eb 2	Front wiring harness to Engine wiring harness-2_2	AH
a-ea 1	Cab main wiring harness to Engine wiring harness-1_1	BA, FA, GA, GD, MA	b-sh	Front wiring harness to Headlight sub wiring harness	CA
a-sk	Cab main wiring harness to P.T.O. sub wiring harness	KA, KC			

EG-3 [ENGINE (2 of 3)] (Model: FC)



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ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b4	Wheel sensor (Front RH)	HA	ea8	Boost pressure sensor	GA, GD
b22	Backup light switch	CF	ec1	Fuel filter level sensor	BA
b23	Vehicle speed sensor	BA	ec2	Common rail pressure sensor	GA, GD
b50	Neutral switch	AD	ec3	Fuel temperature sensor	GA, GD
b88	Air flow sensor	GD	ec4	SCV (Suction Control Valve)	GA, GD
b102	Left turn buzzer	CB	ec5	Air conditioner compressor	FA
b143	Earth rear axle	BB, CF, EE, EM, HA, LF, MA	ia1	Fuel injector No.1	GA, GD
ba2	Starter (Terminal B)	AD	ia2	Fuel injector No.2	GA, GD
ea1	Engine speed main sensor	GA, GD	ia3	Fuel injector No.3	GA, GD
ea2	Engine speed sub sensor	GA, GD	ia4	Fuel injector No.4	GA, GD
ea4	EGR valve 1	GD	sk1	P.T.O. position switch	KA
ea6	Coolant level switch	BA, EN	sk2	P.T.O. magnetic valve	KA
ea7	Earth injector	BA, EN, GA, GD, MA			

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
ea-ec 1	Engine wiring harness-1 to Engine wiring harness-3_1	BA, FA, GA, GD	id-ia	Link-up connector to Injector wiring harness	GA, GD
ea-id	Engine wiring harness-1 to Link-up connector	GA, GD			

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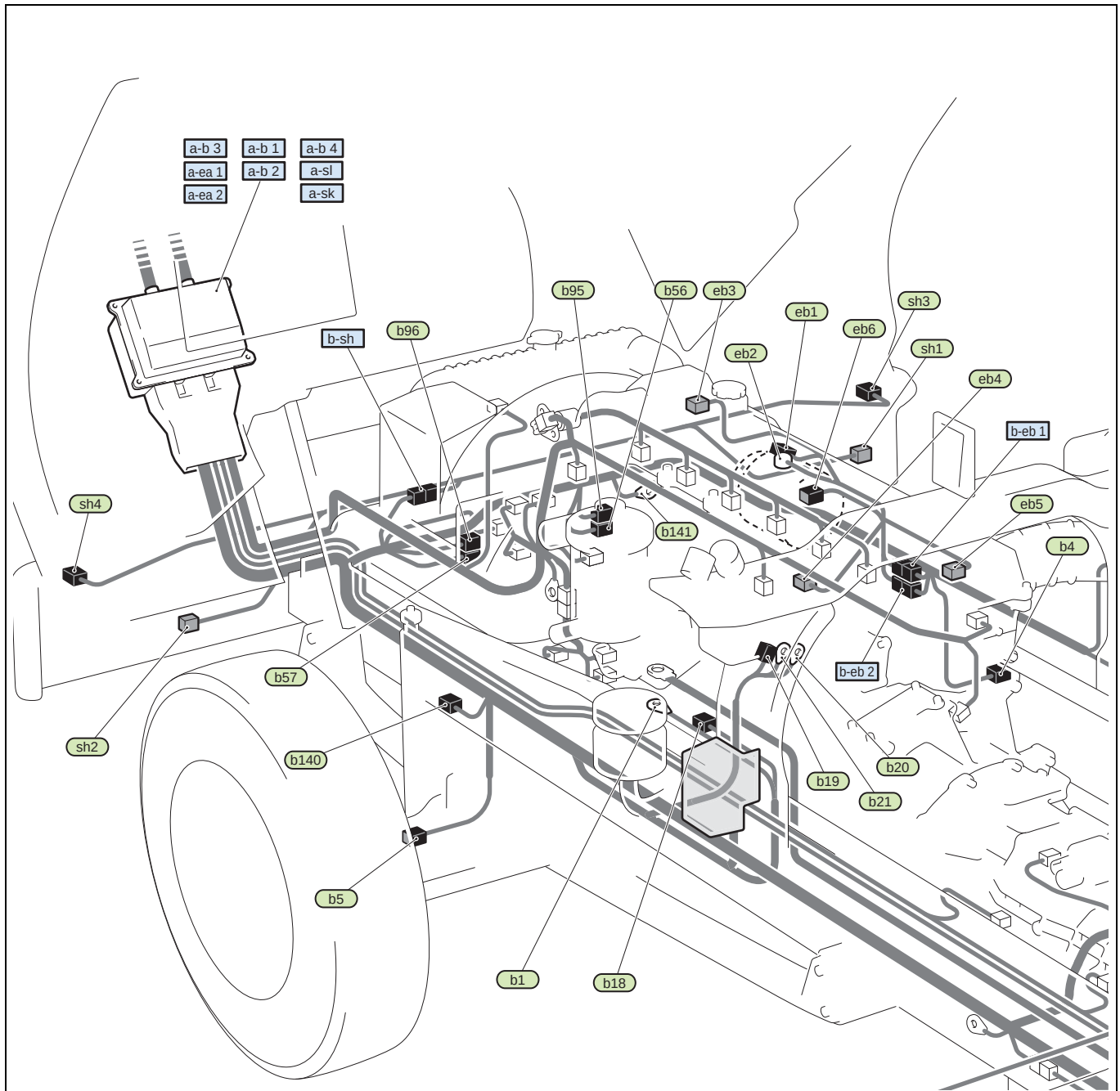
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ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b14	Air gauge sensor (Rear)	BB	sa4	Air gauge sensor (Rear)	BB
b24	Exhaust brake magnetic valve	GF	sa5	Brake adjust switch (Front)	BB
b44	Air dryer heater	LF	sa8	Brake fluid level switch	BB
b45	Dump up switch	KA	sa10	Exhaust brake magnetic valve	GF
b46	Service power (Tail)	AB	sa11	Low pressure switch 3 (Wet)	BB
b55	Fuel gauge sender unit	BA	sa13	Brake adjust switch (Rear)	BB
b87	Hydraulic unit	HA	sa16	Low pressure switch 2 (Front)	BB
b101	Right turn buzzer	CB	sa17	Low pressure switch 3 (Rear)	BB
ba1	Battery (+) terminal (Battery 2)	AA	sa21	Master cylinder sensor (Brake fluid pressure sensor)	HA
bb1	Battery (+) terminal (Battery 1)	AA	sa22	Low pressure switch 3 (Wet)	BB
bb2	Battery (-) terminal (Battery 2)	AA	sa23	Low pressure switch 3 (Rear)	BB
bc1	Battery (-) terminal (Battery 1)	AA	se1	Brake lock pressure switch	HD
bc2	Battery ground	AA, BA, BG, BI, HB, HE, MA	si1	Side turn signal light (Mid RH)	CB
sa1	Low pressure switch 2 (Front)	BB	si2	Side turn signal light (Mid LH)	CB
sa2	Low pressure switch 3 (Rear)	BB	sl1	P.T.O. accelerator sensor	GL
sa3	Air gauge sensor (Front)	BB			

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b-c 1	Front wiring harness to Intermediate wiring harness 1	CA, CB, CF, EM, HA, MA	b-sa 6	Front wiring harness to Air tank sub wiring harness 6	BB
b-c 2	Front wiring harness to Intermediate wiring harness 2	CA, CB, EM, MA	b-si	Front wiring harness to Side turn signal light sub wiring harness	CB
b-ba	Front wiring harness to Battery cable-1	BA, BG, BI, MA	ba-bc	Battery cable-1 to Battery cable-3	MA
b-sa 1	Front wiring harness to Air tank sub wiring harness 1	BB	sc-sd	Brake lock sub wiring harness to Brake lock (Pressure switch) sub wiring harness	HD
b-sa 2	Front wiring harness to Air tank sub wiring harness 2	BB, HA	sc-se	Brake lock sub wiring harness to Brake lock (Buzzer) sub wiring harness	HD
b-sa 3	Front wiring harness to Air tank sub wiring harness 3	BB, GF			

EG-5 [ENGINE (1 of 3)] (Models: FD for Australia, Hong Kong, New Zealand, Singapore)

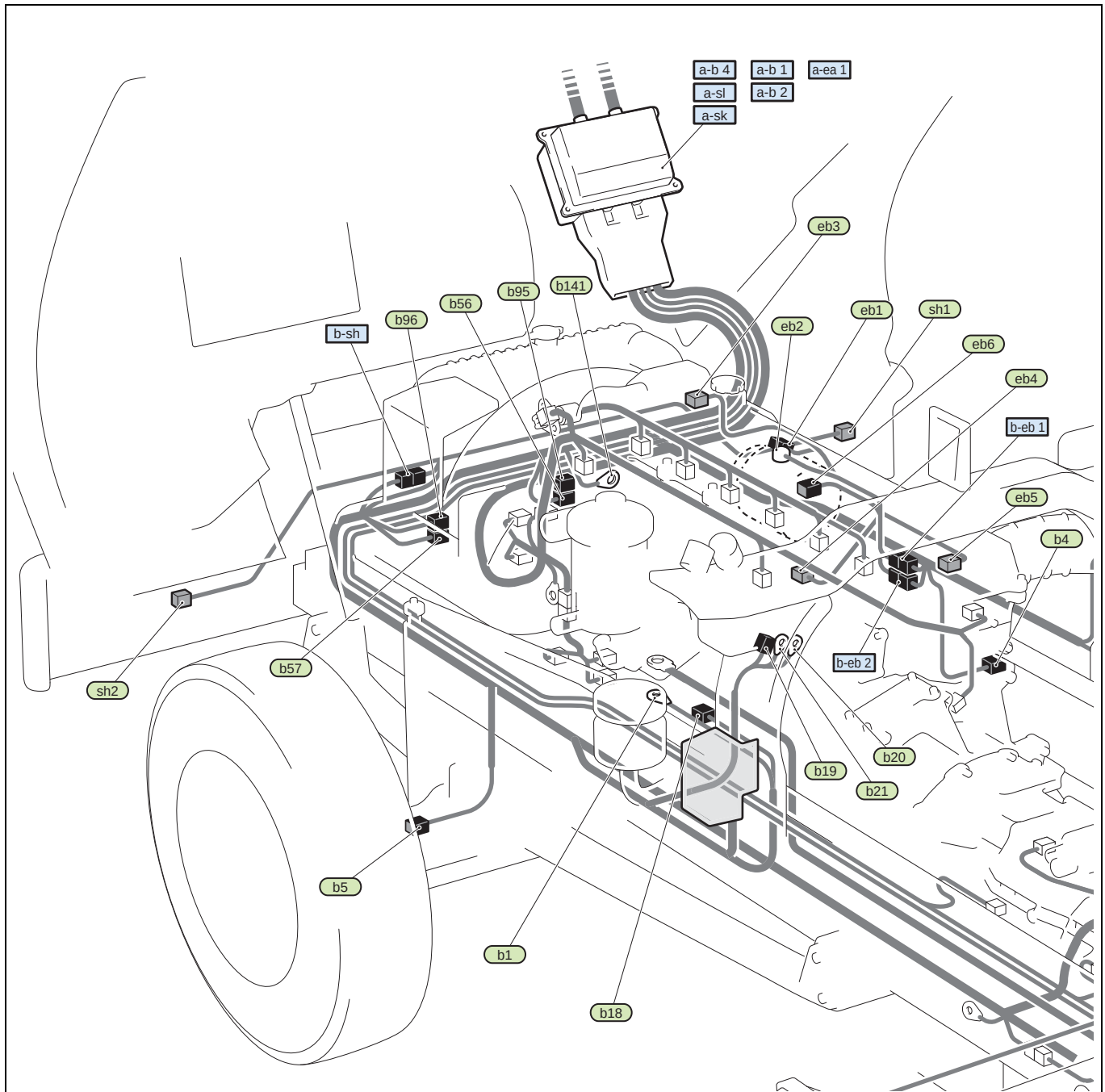
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ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b1	Starter (Terminal B)	AD	b141	Earth No.1 crossmember	BB, BC, CF, EE, EM, HA, LF, MA
b4	Wheel sensor (Front RH)	HA	eb1	Alternator (Terminals L, R)	AH
b5	Wheel sensor (Front LH)	HA	eb2	Alternator (Terminal B)	AH
b18	Starter (Terminal C)	AD	eb3	Coolant temperature sensor	GC, GD
b19	Starter relay (Coil)	AD	eb4	Air conditioner compressor	FA
b20	Starter relay (Terminal B)	AD	eb5	Oil pressure switch	BA
b21	Starter relay (Terminal C)	AD	eb6	VNT controller	GC, GD
b56	Horn (High) (Terminal B)	EE	sh1	Headlight RH	CA
b57	Horn (Low) (Terminal B)	EE	sh2	Headlight LH	CA
b95	Horn (High) (Terminal L)	EE	sh3	Headlight beam control actuator RH	CE, CJ
b96	Horn (Low) (Terminal L)	EE	sh4	Headlight beam control actuator LH	CE, CJ
b140	Vehicle height sensor (Front)	CJ			

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-b 1	Cab main wiring harness to Front wiring harness 1	AA, AB, AD, AH, BA, CA, CB, CE, CF, CI, CJ, EM, GC, GD, GF, HE, LA, LF, MA	a-sk	Cab main wiring harness to P.T.O. sub wiring harness	KA
a-b 2	Cab main wiring harness to Front wiring harness 2	AA, AD, BA, BB, BC, CB, EE, EM, FA, HA, KA, MA	a-sl	Cab main wiring harness to Working accelerator sensor sub wiring harness	GL
a-b 3	Cab main wiring harness to Front wiring harness 3	GF, HA, LA	b-eb 1	Front wiring harness to Engine wiring harness-2_1	AH, BA, FA, GC, GD
a-b 4	Cab main wiring harness to Front wiring harness 4	AA, CJ, HA	b-eb 2	Front wiring harness to Engine wiring harness-2_2	AH
a-ea 1	Cab main wiring harness to Engine wiring harness-1_1	BA, EN, GC, GD, GK, MA	b-sh	Front wiring harness to Headlight sub wiring harness	CA, CE, CJ
a-ea 2	Cab main wiring harness to Engine wiring harness-1_2	GC			

EG-6 [ENGINE (1 of 3)] (Models: FD for Taiwan, GD for Chile, Colombia, Ecuador)

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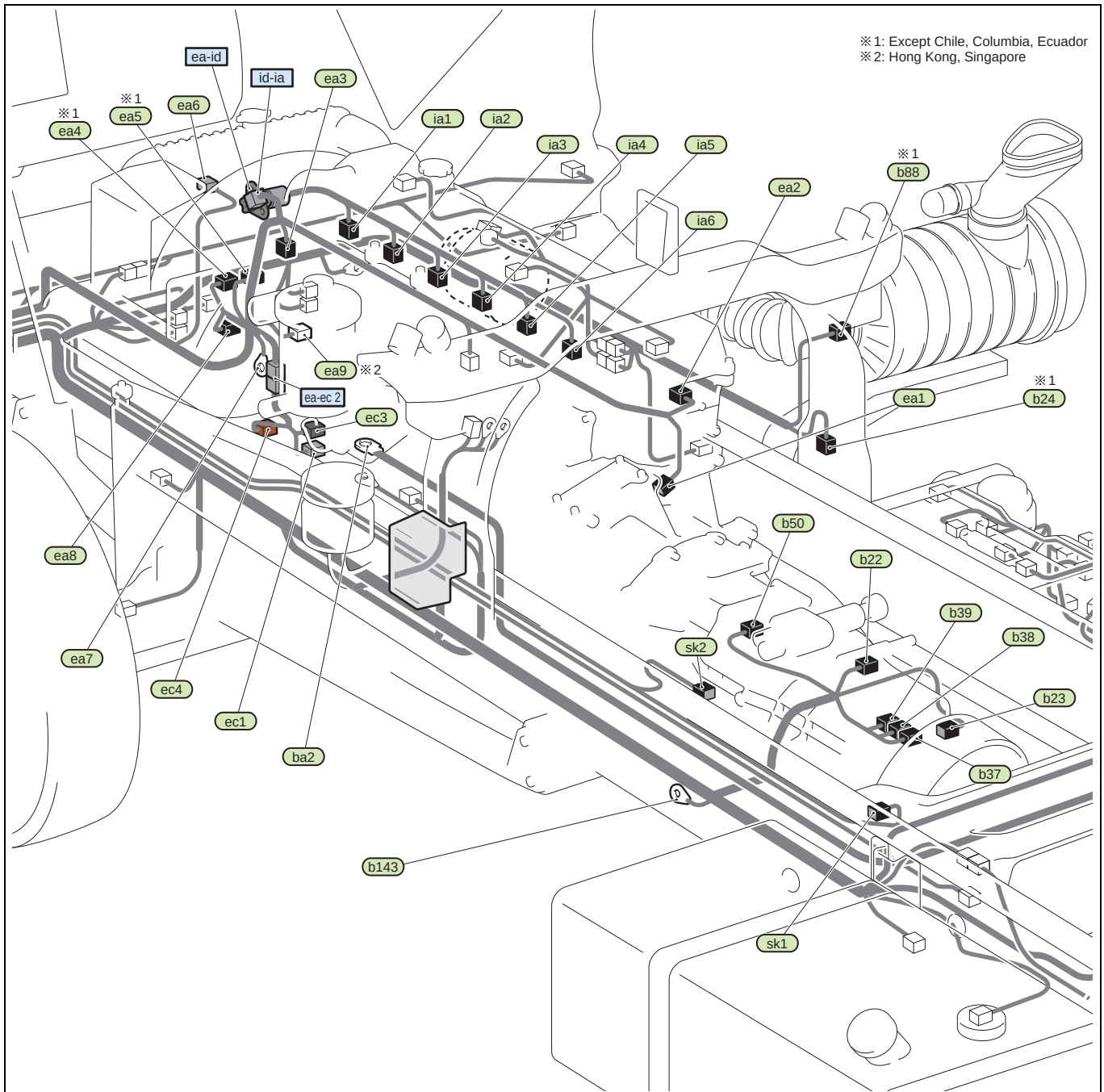
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b1	Starter (Terminal B)	AD	b96	Horn (Low) (Terminal L)	EE
b4	Wheel sensor (Front RH)	HA	b141	Earth No.1 crossmember	BB, CF, EE, HA, MA
b5	Wheel sensor (Front LH)	HA	eb1	Alternator (Terminals L, R)	AH
b18	Starter (Terminal C)	AD	eb2	Alternator (Terminal B)	AH
b19	Starter relay (Coil)	AD	eb3	Coolant temperature sensor	GA, GD
b20	Starter relay (Terminal B)	AD	eb4	Air conditioner compressor	FA
b21	Starter relay (Terminal C)	AD	eb5	Oil pressure switch	BA
b56	Horn (High) (Terminal B)	EE	eb6	VNT controller	GD
b57	Horn (Low) (Terminal B)	EE	sh1	Headlight RH	CA
b95	Horn (High) (Terminal L)	EE	sh2	Headlight LH	CA

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-b 1	Cab main wiring harness to Front wiring harness 1	AA, AB, AD, AH, BA, BG, CA, CB, CF, CI, GA, GD, GF, LA, MA	a-sl	Cab main wiring harness to Working accelerator sensor sub wiring harness	GL
a-b 2	Cab main wiring harness to Front wiring harness 2	AA, AD, BA, BB, EE, FA, HA, KA, MA	b-eb 1	Front wiring harness to Engine wiring harness-2_1	AH, BA, FA, GA, GD
a-b 4	Cab main wiring harness to Front wiring harness 4	AA, HA	b-eb 2	Front wiring harness to Engine wiring harness-2_2	AH
a-ea 1	Cab main wiring harness to Engine wiring harness-1_1	BA, GA, GD, MA	b-sh	Front wiring harness to Headlight sub wiring harness	CA
a-sk	Cab main wiring harness to P.T.O. sub wiring harness	KA			

EG-7 [ENGINE (2 of 3)] (Models: FD, GD)



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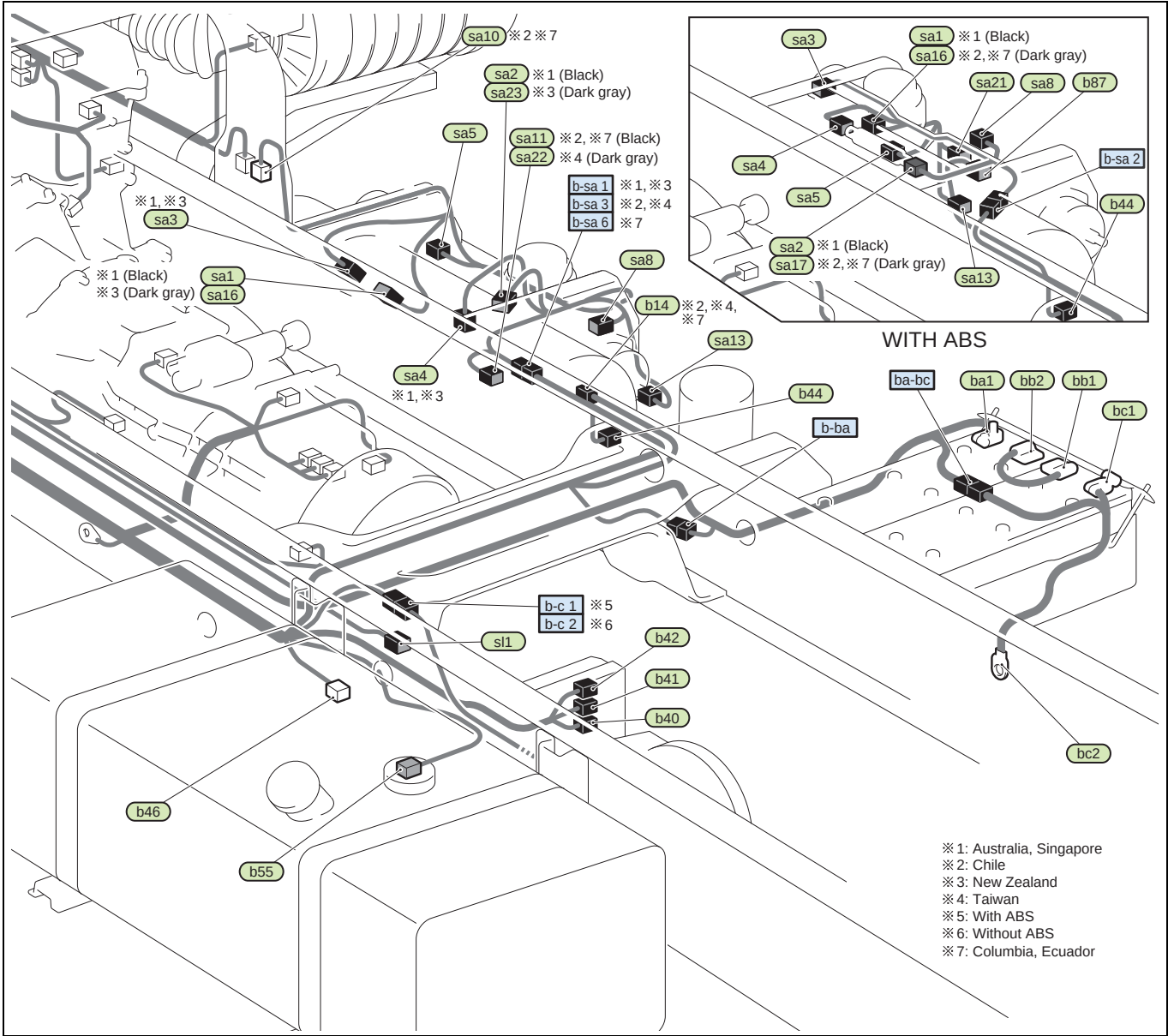
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b22	Backup light switch	CF	ea6	Coolant level switch	BA, EN
b23	Vehicle speed sensor	BA	ea7	Earth injector	BA, EN, GA, GC, GD, MA
b24	Exhaust brake magnetic valve	GF	ea8	Boost pressure sensor	GA, GC, GD
b37	Retarder ECU (Drive unit main 1)	HE	ea9	Intake manifold temperature sensor	GC
b38	Retarder ECU (Drive unit main 2)	HE	ec1	Fuel filter level sensor	BA
b39	Retarder main unit (Thermistor)	HE	ec3	Fuel temperature sensor	GA, GC, GD
b50	Neutral switch	AD	ec4	SCV (Suction Control Valve)	GA, GC, GD
b88	Air flow sensor	GC, GD	ia1	Fuel injector No.1	GA, GC, GD
b143	Earth rear axle	BB, BC, CF, EE, EM, HA, HB, LF, MA	ia2	Fuel injector No.2	GA, GC, GD
ba2	Starter (Terminal B)	AD	ia3	Fuel injector No.3	GA, GC, GD
ea1	Engine speed main sensor	GA, GC, GD	ia4	Fuel injector No.4	GA, GC, GD
ea2	Engine speed sub sensor	GA, GC, GD	ia5	Fuel injector No.5	GA, GC, GD
ea3	Common rail pressure sensor	GA, GC, GD	ia6	Fuel injector No.6	GA, GC, GD
ea4	EGR valve 1	GC, GD	sk1	P.T.O. position switch	KA
ea5	EGR valve 2	GC, GD	sk2	P.T.O. magnetic valve	KA

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
ea-ec 2	Engine wiring harness-1 to Engine wiring harness-3_2	BA, GA, GC, GD	id-ia	Link-up connector to Injector wiring harness	GA, GC, GD
ea-id	Engine wiring harness-1 to Link-up connector	GA, GC, GD			

EG-8 [ENGINE (3 of 3)] (Models: FD, GD)



ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b14	Air gauge sensor (Rear)	BB	sa2	Low pressure switch 3 (Rear)	BB
b40	Retarder main unit (Main 1)	HE	sa3	Air gauge sensor (Front)	BB
b41	Retarder main unit (Main 2)	HE	sa4	Air gauge sensor (Rear)	BB
b42	Retarder ECU (Control unit)	HE	sa5	Brake adjust switch (Front)	BB
b44	Air dryer heater	LF	sa8	Brake fluid level switch	BB
b46	Service power (Tail)	AB	sa10	Exhaust brake magnetic valve	GF
b55	Fuel gauge sender unit	BA	sa11	Low pressure switch 3 (Wet)	BB
b87	Hydraulic unit	HA	sa13	Brake adjust switch (Rear)	BB
ba1	Battery (+) terminal (Battery 2)	AA	sa16	Low pressure switch 2 (Front)	BB
bb1	Battery (+) terminal (Battery 1)	AA	sa17	Low pressure switch 3 (Rear)	BB
bb2	Battery (-) terminal (Battery 2)	AA	sa21	Master cylinder sensor (Brake fluid pressure sensor)	HA
bc1	Battery (-) terminal (Battery 1)	AA	sa22	Low pressure switch 3 (Wet)	BB
bc2	Battery ground	AA, BA, BG, CJ, HE, MA	sa23	Low pressure switch 3 (Rear)	BB
sa1	Low pressure switch 2 (Front)	BB	sl1	P.T.O. accelerator sensor	GL

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b-c 1	Front wiring harness to Intermediate wiring harness 1	CA, CB, CF, CJ, EM, HA, MA	b-sa 2	Front wiring harness to Air tank sub wiring harness 2	BB, HA
b-c 2	Front wiring harness to Intermediate wiring harness 2	BC, CA, CB, EM, MA	b-sa 3	Front wiring harness to Air tank sub wiring harness 3	BB, GF
b-ba	Front wiring harness to Battery cable-1	BA, BG, CJ, HE, MA	b-sa 6	Front wiring harness to Air tank sub wiring harness 6	BB
b-sa 1	Front wiring harness to Air tank sub wiring harness 1	BB	ba-bc	Battery cable-1 to Battery cable-3	MA

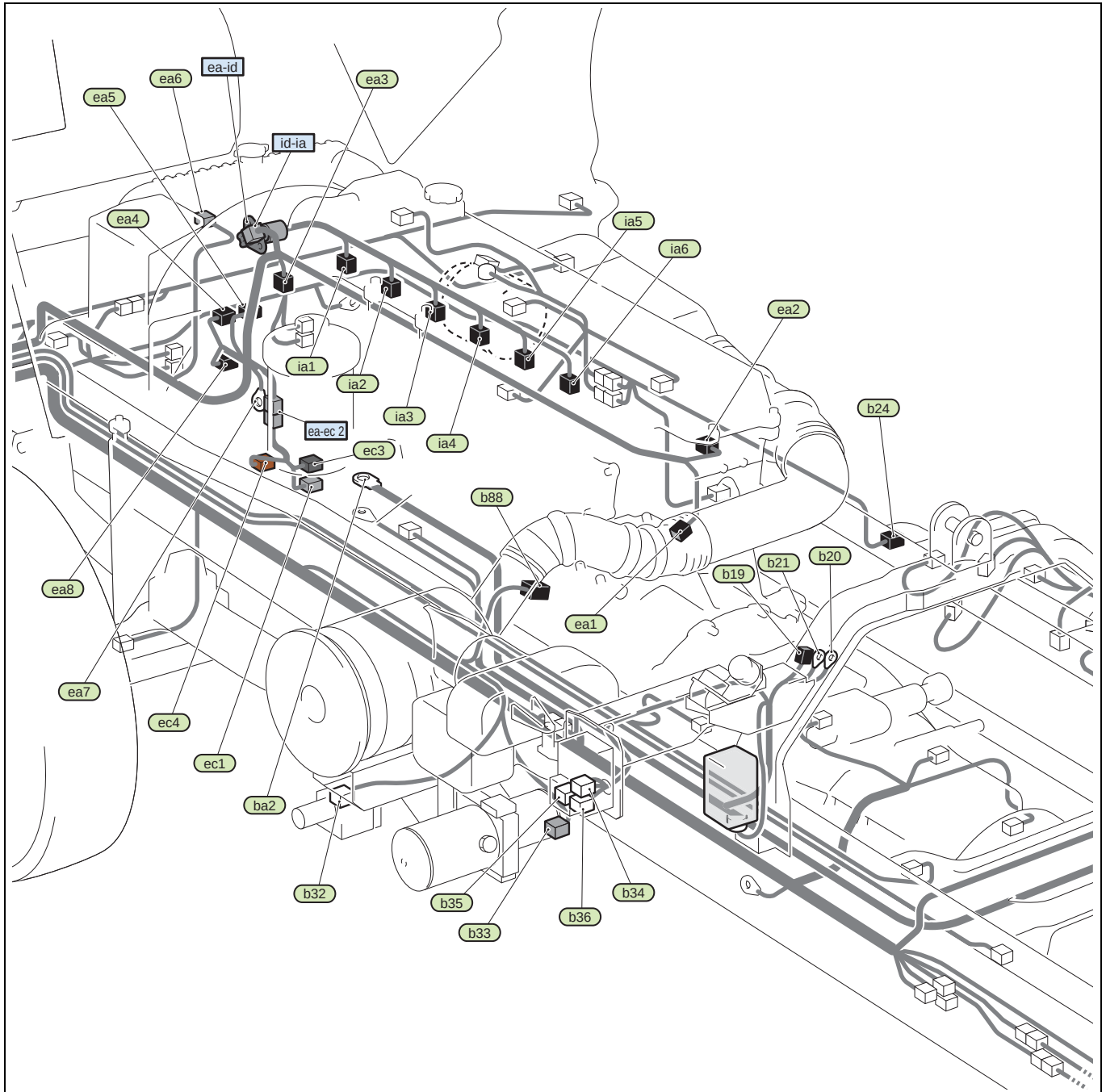
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ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b1	Starter (Terminal B)	AD	eb1	Alternator (Terminals L, R)	AH
b4	Wheel sensor (Front RH)	HA	eb2	Alternator (Terminal B)	AH
b5	Wheel sensor (Front LH)	HA	eb3	Coolant temperature sensor	GD
b18	Starter (Terminal C)	AD	eb4	Air conditioner compressor	FA
b31	Cab tilt buzzer	JB	eb5	Oil pressure switch	BA
b56	Horn (High) (Terminal B)	EE	eb6	VNT controller	GD
b57	Horn (Low) (Terminal B)	EE	sh1	Headlight RH	CA
b95	Horn (High) (Terminal L)	EE	sh2	Headlight LH	CA
b96	Horn (Low) (Terminal L)	EE	sh3	Headlight beam control actuator RH	CE
b141	Earth No.1 crossmember	BB, BC, CF, EE, HA, JB, LF, MA	sh4	Headlight beam control actuator LH	CE

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-b 1	Cab main wiring harness to Front wiring harness 1	AA, AB, AD, AH, BA, CA, CB, CE, CF, CI, EM, GD, GF, LA, LF, MA	a-sk	Cab main wiring harness to P.T.O. sub wiring harness	KA
a-b 2	Cab main wiring harness to Front wiring harness 2	AA, AD, BA, BB, BC, EE, EM, FA, HA, KA, MA	a-sl	Cab main wiring harness to Working accelerator sensor sub wiring harness	GL
a-b 3	Cab main wiring harness to Front wiring harness 3	GF, HA, JB, LA	b-eb 1	Front wiring harness to Engine wiring harness-2_1	AH, BA, FA, GD
a-b 4	Cab main wiring harness to Front wiring harness 4	AA, HA	b-eb 2	Front wiring harness to Engine wiring harness-2_2	AH
a-ea 1	Cab main wiring harness to Engine wiring harness-1_1	BA, EN, GD, MA	b-sh	Front wiring harness to Headlight sub wiring harness	CA, CE

EG-10 [ENGINE (2 of 3)] [Model: FD double cab]

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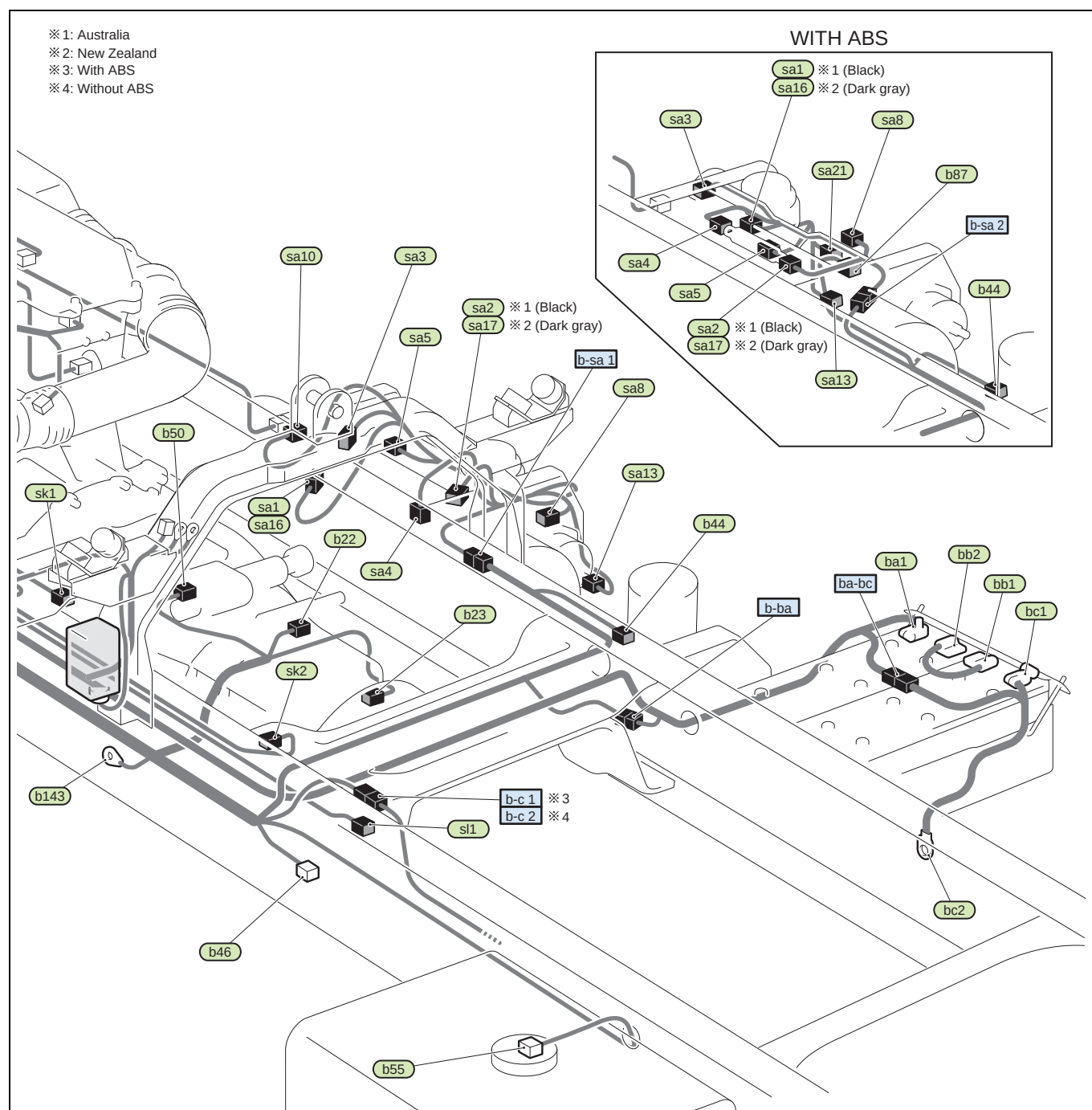
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b19	Starter relay (Coil)	AD	ea4	EGR valve 1	GD
b20	Starter relay (Terminal B)	AD	ea5	EGR valve 2	GD
b21	Starter relay (Terminal C)	AD	ea6	Coolant level switch	BA, EN
b24	Exhaust brake magnetic valve	GF	ea7	Earth injector	BA, EN, GD, MA
b32	Cab tilt solenoid valve	JB	ea8	Boost pressure sensor	GD
b33	Cab tilt motor	JB	ec1	Fuel filter level sensor	BA
b34	Cab tilt switch	JB	ec3	Fuel temperature sensor	GD
b35	Cab tilt relay 1	JB	ec4	SCV (Suction Control Valve)	GD
b36	Cab tilt relay 2	JB	ia1	Fuel injector No.1	GD
b88	Air flow sensor	GD	ia2	Fuel injector No.2	GD
ba2	Starter (Terminal B)	AD	ia3	Fuel injector No.3	GD
ea1	Engine speed main sensor	GD	ia4	Fuel injector No.4	GD
ea2	Engine speed sub sensor	GD	ia5	Fuel injector No.5	GD
ea3	Common rail pressure sensor	GD	ia6	Fuel injector No.6	GD

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
ea-ec 2	Engine wiring harness-1 to Engine wiring harness-3_2	BA, GD	id-ia	Link-up connector to Injector wiring harness	GD
ea-id	Engine wiring harness-1 to Link-up connector	GD			

EG-11 [ENGINE (3 of 3)] [Model: FD double cab]



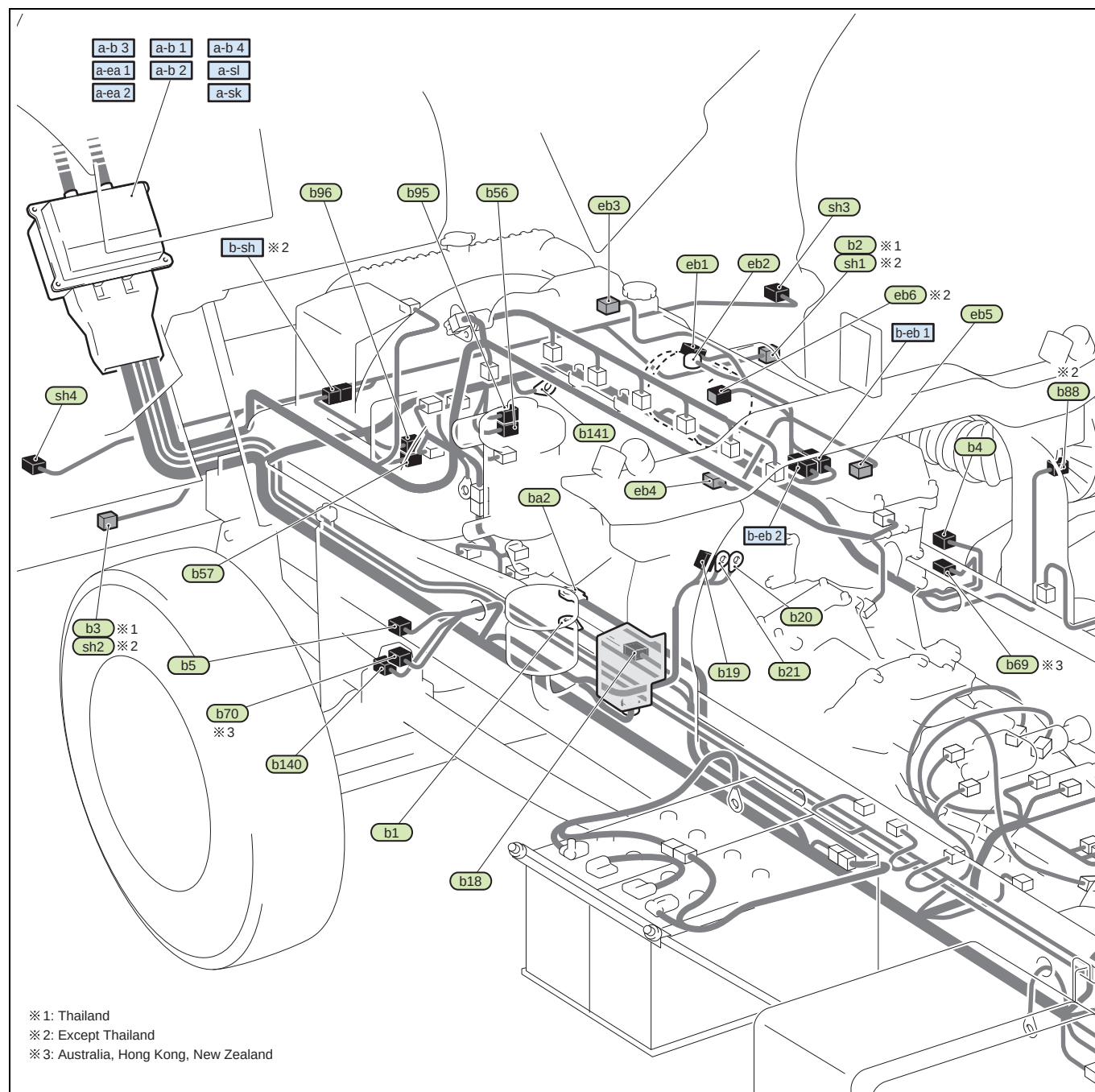
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ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b22	Backup light switch	CF	sa2	Low pressure switch 3 (Rear)	BB
b23	Vehicle speed sensor	BA	sa3	Air gauge sensor (Front)	BB
b44	Air dryer heater	LF	sa4	Air gauge sensor (Rear)	BB
b46	Service power (Tail)	AB	sa5	Brake adjust switch (Front)	BB
b50	Neutral switch	AD	sa8	Brake fluid level switch	BB
b55	Fuel gauge sender unit	BA	sa10	Exhaust brake magnetic valve	GF
b87	Hydraulic unit	HA	sa13	Brake adjust switch (Rear)	BB
b143	Earth rear axle	BB, BC, CF, EE, EM, HA, JB, LF, MA	sa16	Low pressure switch 2 (Front)	BB
ba1	Battery (+) terminal (Battery 2)	AA	sa17	Low pressure switch 3 (Rear)	BB
bb1	Battery (+) terminal (Battery 1)	AA	sa21	Master cylinder sensor (Brake fluid pressure sensor)	HA
bb2	Battery (-) terminal (Battery 2)	AA	sk1	P.T.O. position switch	KA
bc1	Battery (-) terminal (Battery 1)	AA	sk2	P.T.O. magnetic valve	KA
bc2	Battery ground	AA, BA, MA	sl1	P.T.O. accelerator sensor	GL
sa1	Low pressure switch 2 (Front)	BB			

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b-c 1	Front wiring harness to Intermediate wiring harness 1	CA, CB, CF, EM, HA, MA	b-sa 1	Front wiring harness to Air tank sub wiring harness 1	BB
b-c 2	Front wiring harness to Intermediate wiring harness 2	BC, CA, CB, EM, MA	b-sa 2	Front wiring harness to Air tank sub wiring harness 2	BB, HA
b-ba	Front wiring harness to Battery cable-1	BA, MA	ba-bc	Battery cable-1 to Battery cable-3	MA

EG-12 [ENGINE (1 of 3)]**(Models: FG, GH for Australia, Hong Kong, New Zealand, Singapore, Thailand)**

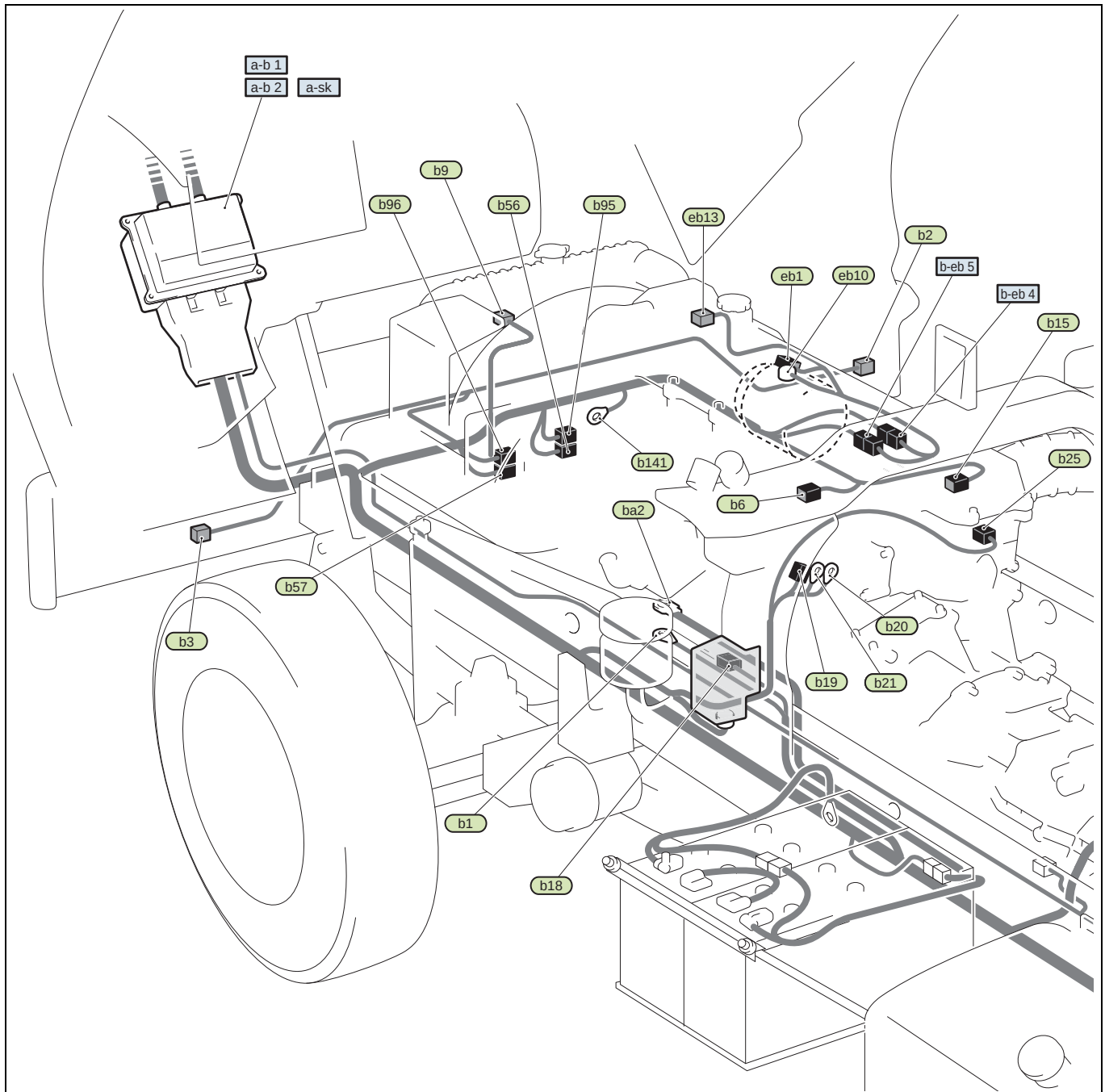
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ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b1	Starter (Terminal B)	AD, AE	b96	Horn (Low) (Terminal L)	EE
b2	Headlight RH	CA	b140	Vehicle height sensor (Front)	CJ
b3	Headlight LH	CA	b141	Earth No.1 crossmember	BB, BC, CF, EE, EM, HB, HC, LF, MA
b4	Wheel sensor (Front RH)	HB	ba2	Starter (Terminal B)	AD, AE
b5	Wheel sensor (Front LH)	HB	eb1	Alternator (Terminals L, R)	AH
b18	Starter (Terminal C)	AD, AE	eb2	Alternator (Terminal B)	AH
b19	Starter relay (Coil)	AD, AE	eb3	Coolant temperature sensor	GA, GC, GD
b20	Starter relay (Terminal B)	AD, AE	eb4	Air conditioner compressor	FA
b21	Starter relay (Terminal C)	AD, AE	eb5	Oil pressure switch	BA
b56	Horn (High) (Terminal B)	EE	eb6	VNT controller	GC, GD
b57	Horn (Low) (Terminal B)	EE	sh1	Headlight RH	CA
b69	Modulator (Front RH)	HB	sh2	Headlight LH	CA
b70	Modulator (Front LH)	HB	sh3	Headlight beam control actuator RH	CE, CJ
b88	Air flow sensor	GC, GD	sh4	Headlight beam control actuator LH	CE, CJ
b95	Horn (High) (Terminal L)	EE			

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-b 1	Cab main wiring harness to Front wiring harness 1	AA, AB, AD, AE, AH, BA, BG, BI, CA, CB, CE, CF, CI, CJ, EM, GA, GC, GD, GF, GH, HB, HC, HE, IA, ID, LA, LF, MA	a-sk	Cab main wiring harness to P.T.O. sub wiring harness	KA, KB
a-b 2	Cab main wiring harness to Front wiring harness 2	AA, AD, BA, BB, BC, CB, EE, EM, FA, HC, ID, KA, KB, MA	a-sl	Cab main wiring harness to Working accelerator sensor sub wiring harness	GL
a-b 3	Cab main wiring harness to Front wiring harness 3	CG, GF, HE, ID, LA, LC	b-eb 1	Front wiring harness to Engine wiring harness-2_1	AH, BA, FA, GA, GC, GD
a-b 4	Cab main wiring harness to Front wiring harness 4	AA, CJ, HB	b-eb 2	Front wiring harness to Engine wiring harness-2_2	AH
a-ea 1	Cab main wiring harness to Engine wiring harness-1_1	BA, EN, GA, GC, GH, GK, HB, MA	b-sh	Front wiring harness to Headlight sub wiring harness	CA, CE, CJ
a-ea 2	Cab main wiring harness to Engine wiring harness-1_2	GC			

EG-13 [ENGINE (1 of 3)] (Model: FG for Indonesia)

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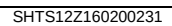
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b1	Starter (Terminal B)	AD	b25	Tachometer sensor	BE
b2	Headlight RH	CA	b56	Horn (High) (Terminal B)	EE
b3	Headlight LH	CA	b57	Horn (Low) (Terminal B)	EE
b6	Air conditioner compressor	FA	b95	Horn (High) (Terminal L)	EE
b9	Coolant level switch	BE	b96	Horn (Low) (Terminal L)	EE
b15	Oil pressure switch	BE	b141	Earth No.1 crossmember	BE, CF, EE, GG, MA
b18	Starter (Terminal C)	AD	ba2	Starter (Terminal B)	AD
b19	Starter relay (Coil)	AD	eb1	Alternator (Terminals L, R)	AH
b20	Starter relay (Terminal B)	AD	eb10	Alternator (Terminal B)	AH
b21	Starter relay (Terminal C)	AD	eb13	Coolant temperature gauge sender unit	BE

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-b 1	Cab main wiring harness to Front wiring harness 1	AA, AB, AD, AH, BD, BE, BG, CA, CB, CF, CI, GG, MA	b-eb 4	Front wiring harness to Engine wiring harness-2_4	AH, BE
a-b 2	Cab main wiring harness to Front wiring harness 2	AA, AD, BD, BE, EE, FA, KA, MA	b-eb 5	Front wiring harness to Engine wiring harness-2_5	AH
a-sk	Cab main wiring harness to P.T.O. sub wiring harness	KA			

(Models: FG, GH for Chile, Colombia, Ecuador, Philippines, Taiwan, Vietnam, Mexico)



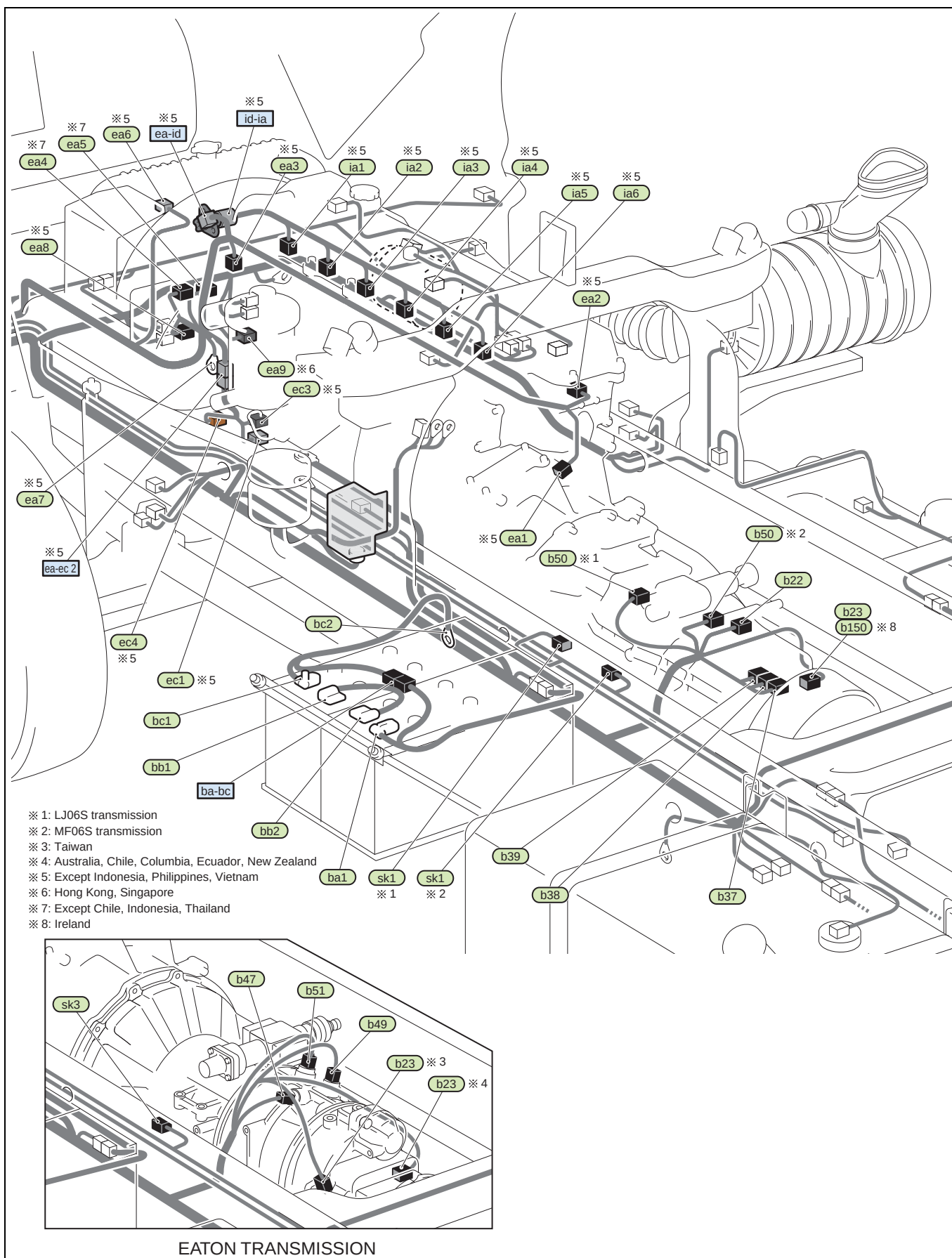
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b1	Starter (Terminal B)	AD	b57	Horn (Low) (Terminal B)	EE
b2	Headlight RH	CA	b88	Air flow sensor	GD
b3	Headlight LH	CA	b95	Horn (High) (Terminal L)	EE
b4	Wheel sensor (Front RH)	HB	b96	Horn (Low) (Terminal L)	EE
b5	Wheel sensor (Front LH)	HB	b141	Earth No.1 crossmember	BB, BC, CF, EE, HB, HC, MA
b15	Oil pressure switch	BE	ba2	Starter (Terminal B)	AD
b18	Starter (Terminal C)	AD	eb1	Alternator (Terminals L, R)	AH
b19	Starter relay (Coil)	AD	eb2	Alternator (Terminal B)	AH
b20	Starter relay (Terminal B)	AD	eb3	Coolant temperature sensor	GA, GD
b21	Starter relay (Terminal C)	AD	eb4	Air conditioner compressor	FA
b25	Tachometer sensor	BE	eb5	Oil pressure switch	BA
b56	Horn (High) (Terminal B)	EE	eb6	VNT controller	GD

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-b 1	Cab main wiring harness to Front wiring harness 1	AA, AB, AD, AH, BA, BG, CA, CB, CF, CI, GA, GD, GF, HB, HC, IA, LA, MA	a-sk	Cab main wiring harness to P.T.O. sub wiring harness	KA, KB, KC
a-b 2	Cab main wiring harness to Front wiring harness 2	AA, AD, BA, BB, BC, EE, FA, HC, KA, KB, MA	a-sl	Cab main wiring harness to Working accelerator sensor sub wiring harness	GL
a-b 4	Cab main wiring harness to Front wiring harness 4	AA, HB	b-eb 1	Front wiring harness to Engine wiring harness-2_1	AH, BA, FA, GA, GD
a-ea 1	Cab main wiring harness to Engine wiring harness-1_1	BA, GA, GD, HB, MA	b-eb 2	Front wiring harness to Engine wiring harness-2_2	AH

EG-15 [ENGINE (2 of 3)] (Models: FG, GH with manual transmission)

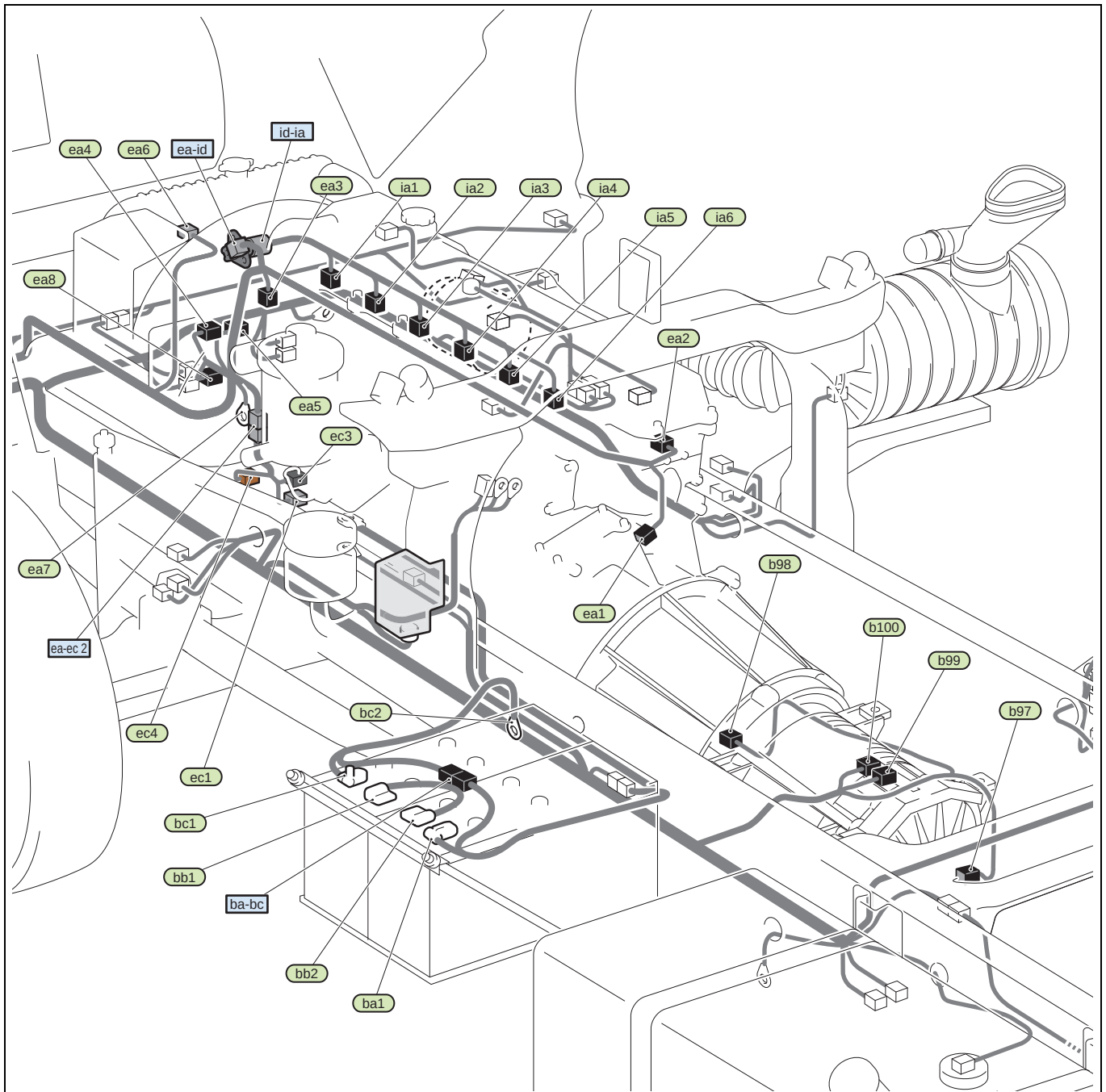


ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b22	Backup light switch	CF	ea4	EGR valve 1	GC, GD
b23	Vehicle speed sensor	BA, BE	ea5	EGR valve 2	GC, GD
b37	Retarder ECU (Drive unit main 1)	HE	ea6	Coolant level switch	BA, EN
b38	Retarder ECU (Drive unit main 2)	HE	ea7	Earth injector	BA, EN, GA, GC, GD MA
b39	Retarder main unit (Thermistor)	HE	ea8	Boost pressure sensor	GA, GC, GD
b47	Range Lo switch	IA	ea9	Intake manifold temperature sensor	GC
b49	Neutral switch	AD	ec1	Fuel filter level sensor	BA
b50	Neutral switch	AD	ec3	Fuel temperature sensor	GA, GC, GD
b51	Backup light switch	CF	ec4	SCV (Suction Control Valve)	GA, GC, GD
b150	Vehicle speed sensor	BH	ia1	Fuel injector No.1	GA, GC, GD
ba1	Battery (+) terminal (Battery 2)	AA	ia2	Fuel injector No.2	GA, GC, GD
bb1	Battery (+) terminal (Battery 1)	AA	ia3	Fuel injector No.3	GA, GC, GD
bb2	Battery (-) terminal (Battery 2)	AA	ia4	Fuel injector No.4	GA, GC, GD
bc1	Battery (-) terminal (Battery 1)	AA	ia5	Fuel injector No.5	GA, GC, GD
bc2	Battery ground	AA, BA, BE, BG, BH, BI, CJ, HB, HC, HE, MA	ia6	Fuel injector No.6	GA, GC, GD
ea1	Engine speed main sensor	GA, GC, GD	sk1	P.T.O. position switch	KA
ea2	Engine speed sub sensor	GA, GC, GD	sk3	P.T.O. position switch	KB
ea3	Common rail pressure sensor	GA, GC, GD			

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
ba-bc	Battery cable-1 to Battery cable-3	MA	ea-id	Engine wiring harness-1 to Link-up connector	GA, GC, GD
ea-ec 2	Engine wiring harness-1 to Engine wiring harness-3_2	BA, GA, GC, GD	id-ia	Link-up connector to Injector wiring harness	GA, GC, GD

EG-16 [ENGINE (2 of 3)] (Models: FG, GH with automatic transmission)

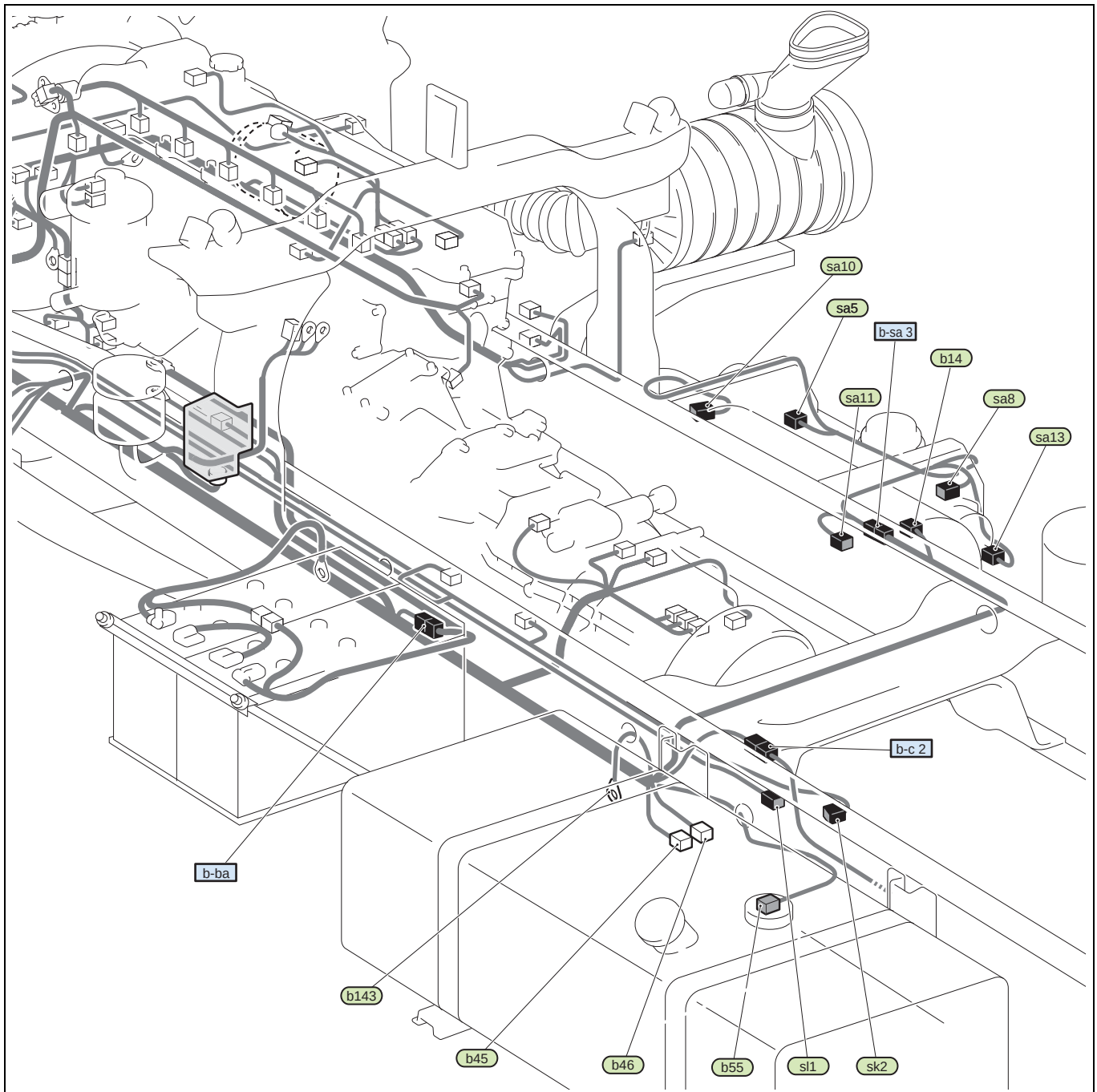
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ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b97	Output speed sensor	ID	ea5	EGR valve 2	GD
b98	Engine speed sensor	ID	ea6	Coolant level switch	BA, EN
b99	Automatic transmission main unit 2	ID	ea7	Earth injector	BA, EN, GD, MA
b100	Automatic transmission main unit 1	ID, LC	ea8	Boost pressure sensor	GD
ba1	Battery (+) terminal (Battery 2)	AA	ec1	Fuel filter level sensor	BA
bb1	Battery (+) terminal (Battery 1)	AA	ec3	Fuel temperature sensor	GD
bb2	Battery (-) terminal (Battery 2)	AA	ec4	SCV (Suction Control Valve)	GD
bc1	Battery (-) terminal (Battery 1)	AA	ia1	Fuel injector No.1	GD
bc2	Battery ground	AA, BA, HB, HC, ID, MA	ia2	Fuel injector No.2	GD
ea1	Engine speed main sensor	GD	ia3	Fuel injector No.3	GD
ea2	Engine speed sub sensor	GD	ia4	Fuel injector No.4	GD
ea3	Common rail pressure sensor	GD	ia5	Fuel injector No.5	GD
ea4	EGR valve 1	GD	ia6	Fuel injector No.6	GD

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
ba-bc	Battery cable-1 to Battery cable-3	MA	ea-id	Engine wiring harness-1 to Link-up connector	GD
ea-ec 2	Engine wiring harness-1 to Engine wiring harness-3_2	BA, GD	id-ia	Link-up connector to Injector wiring harness	GD

EG-17 [ENGINE (3 of 3)] (Models: FG for Indonesia, Philippines, Taiwan, Vietnam)

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ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b14	Air gauge sensor (Rear)	BB, BE	sa8	Brake fluid level switch	BB, BE
b45	Dump up switch	KA	sa10	Exhaust brake magnetic valve	GF, GG
b46	Service power (Tail)	AB	sa11	Low pressure switch 3 (Wet)	BB, BE
b55	Fuel gauge sender unit	BA, BE	sa13	Brake adjust switch (Rear)	BB, BE
b143	Earth rear axle	BB, BE, CF, EE, GG, MA	sk2	P.T.O. magnetic valve	KA
sa5	Brake adjust switch (Front)	BB, BE	sl1	P.T.O. accelerator sensor	GL

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b-c 2	Front wiring harness to Intermediate wiring harness 2	CB, MA	b-sa 3	Front wiring harness to Air tank sub wiring harness 3	BB, BE, GF, GG
b-ba	Front wiring harness to Battery cable-1	BA, BE, BG, BI, MA			

MODEL : TAIWAN Air over

※ 1: With ABS
 ※ 2: Without ABS
 ※ 3: Australia
 ※ 4: Except Australia
 ※ 5: Australia standard
 ※ 6: Australia ADR
 ※ 7: Taiwan

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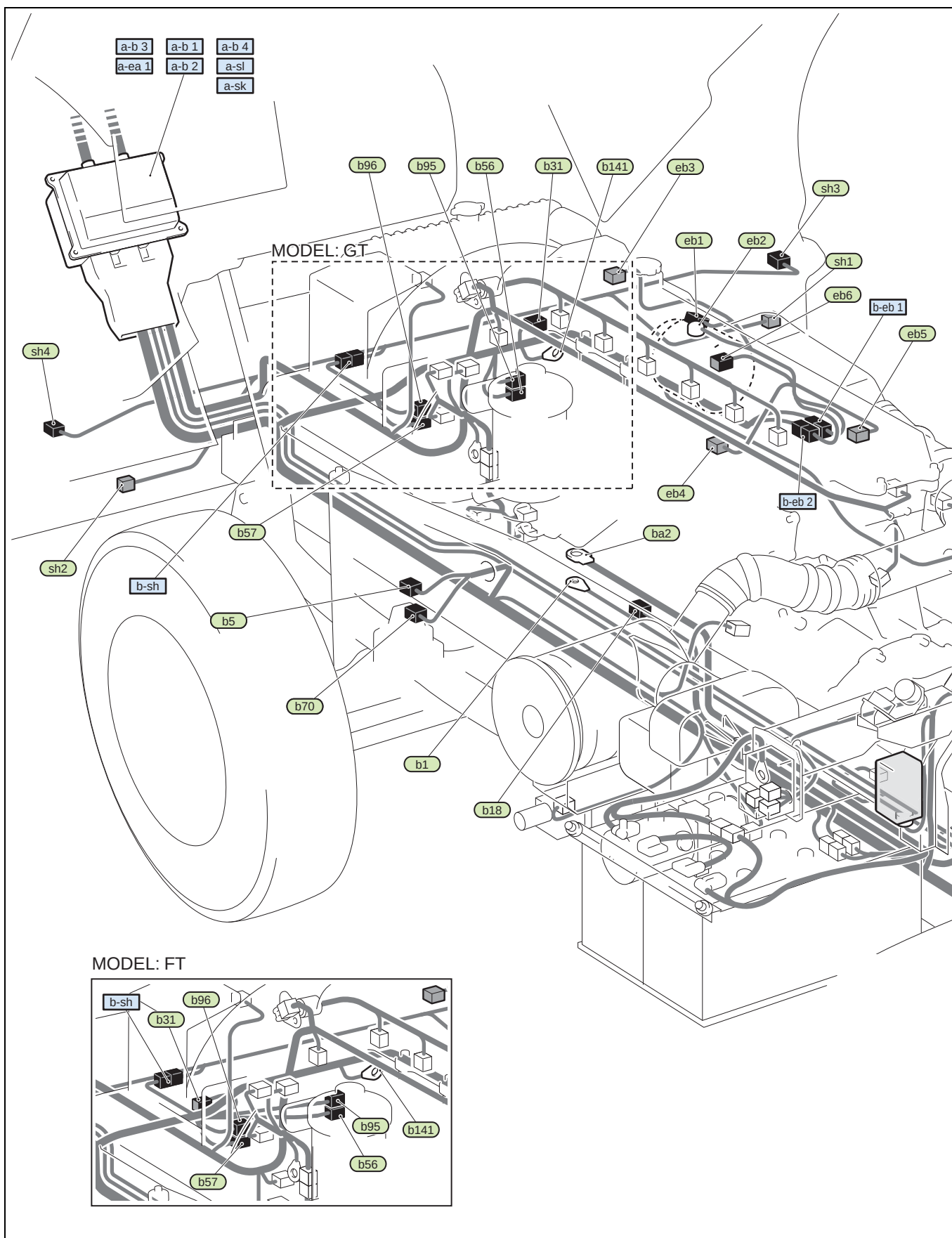
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b10	Low pressure switch 1	BB	b143	Earth rear axle	BB, BC, CF, EE, EM, HB, HC, LF, MA
b11	Low pressure switch 2	BB	sa5	Brake adjust switch (Front)	BB
b12	Low pressure switch 3	BB	sa6	Brake adjust switch (Rear RH)	BB
b13	Air gauge sensor (Front)	BB	sa7	Brake adjust switch (Rear LH)	BB
b14	Air gauge sensor (Rear)	BB	sa9	Brake fluid level switch	BB
b24	Exhaust brake magnetic valve	GF, GH	sa12	Air gauge sensor (Wet)	BB
b40	Retarder main unit (Main 1)	HE	sa13	Brake adjust switch (Rear)	BB
b41	Retarder main unit (Main 2)	HE	sa14	Modulator (Rear LH)	HB
b42	Retarder ECU (Control unit)	HE	sa15	Modulator (Rear RH)	HB
b43	ES start control valve	HC	sa22	Low pressure switch (Wet)	BB
b44	Air dryer heater	LF	sb1	Automatic transmission ECU	ID
b45	Dump up switch	KA, KB	sg1	Fuel gauge sender unit (Australia standard)	BA
b46	Service power (Tail)	AB	sg2	Fuel gauge sender unit (Australia ADR)	BA
b55	Fuel gauge sender unit	BA	si1	Side turn signal light (Mid RH)	CB
b70	Modulator (Front)	HB	si2	Side turn signal light (Mid LH)	CB
b71	Brake adjust switch (Front)	BB	sk2	P.T.O. magnetic valve	KA, KB, KC
b123	ES start control valve (Full air)	HC	sl1	P.T.O. accelerator sensor	GL

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b-ba	Front wiring harness to Battery cable-1	BA, BG, CJ, HB, HC, HE, ID, MA	b-sb 1	Front wiring harness to Automatic transmission sub wiring harness 1	ID
b-c 1	Front wiring harness to Intermediate wiring harness 1	CA, CB, CC, CF, CJ, EM, HB, MA	b-sb 2	Front wiring harness to Automatic transmission sub wiring harness 2	ID, LC
b-c 2	Front wiring harness to Intermediate wiring harness 2	BC, CA, CB, CC, EM, MA	b-sg	Front wiring harness to Fuel tank sub wiring harness	BA
b-sa 4	Front wiring harness to Air tank sub wiring harness 4	BB	b-si	Front wiring harness to Side turn signal light sub wiring harness	CB
b-sa 5	Front wiring harness to Air tank sub wiring harness 5	BB, HB			

EG-19 [ENGINE (1 of 3)] (Models: FG, FT, GT double cab)



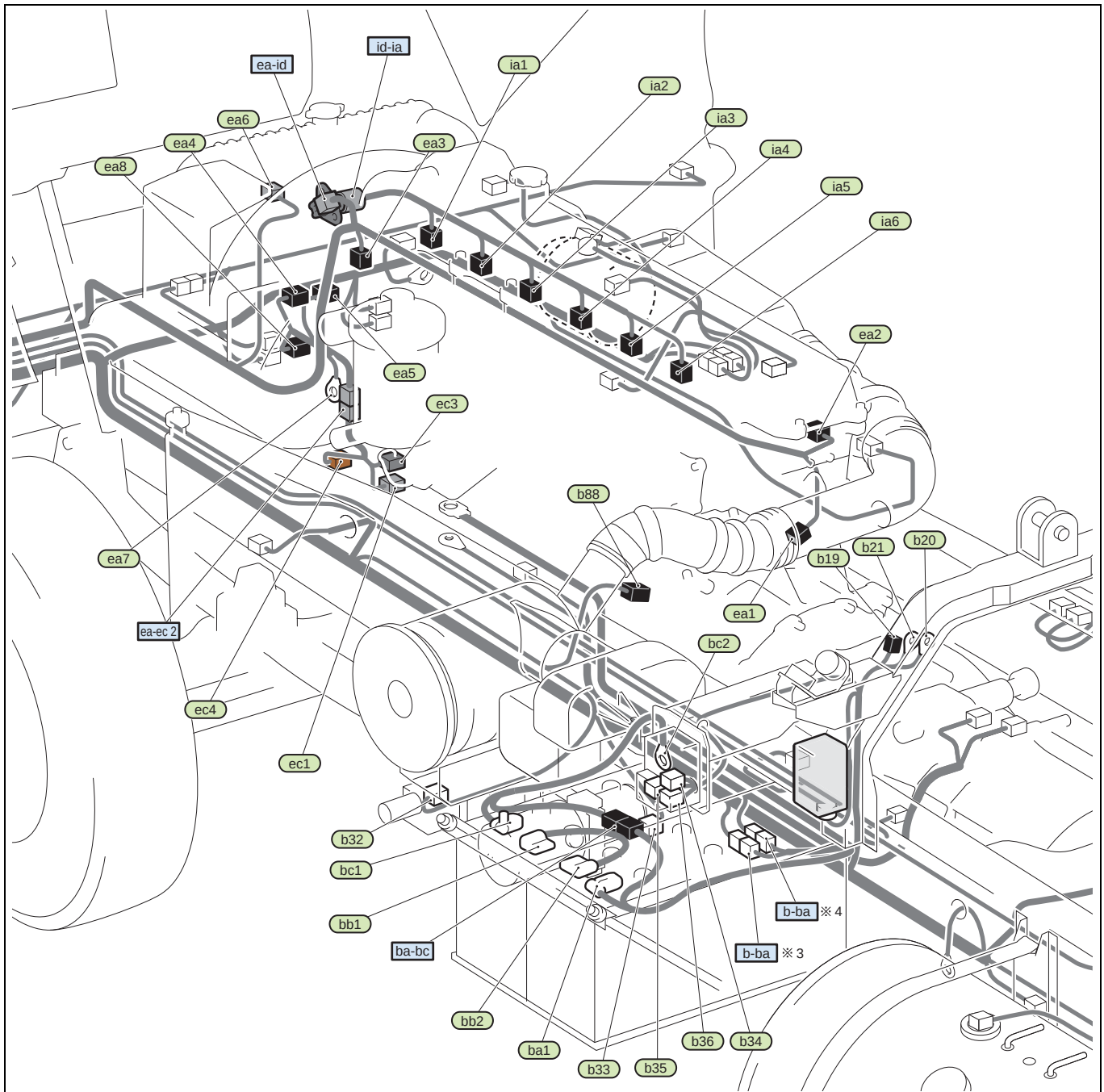
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b1	Starter (Terminal B)	AD	eb1	Alternator (Terminals L, R)	AH
b5	Wheel sensor (Front LH)	HA, HB	eb2	Alternator (Terminal B)	AH
b18	Starter (Terminal C)	AD	eb3	Coolant temperature sensor	GD
b31	Cab tilt buzzer	JB	eb4	Air conditioner compressor	FA
b56	Horn (High) (Terminal B)	EE	eb5	Oil pressure switch	BA
b57	Horn (Low) (Terminal B)	EE	eb6	VNT controller	GD
b70	Modulator (Front LH)	HB	sh1	Headlight RH	CA
b95	Horn (High) (Terminal L)	EE	sh2	Headlight LH	CA
b96	Horn (Low) (Terminal L)	EE	sh3	Headlight beam control actuator RH	CE
b141	Earth No.1 crossmember	BB, BC, CD, CF, CH, EE, EM, HA, HB, HC, JB, LD, LF, MA	sh4	Headlight beam control actuator LH	CE
ba2	Starter (Terminal B)	AD			

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-b 1	Cab main wiring harness to Front wiring harness 1	AA, AB, AD, AH, BA, CA, CB, CD, CE, CF, CH, CI, EM, GD, GF, HB, HC, LA, LD, LF, MA	a-sk	Cab man wiring harness to P.T.O. sub wiring harness	KA
a-b 2	Cab main wiring harness to Front wiring harness 2	AA, AD, BA, BB, BC, EE, EM, FA, HA, HC, KA, LD, MA	a-sl	Cab main wiring harness to Working accelerator sensor sub wiring harness	GL
a-b 3	Cab main wiring harness to Front wiring harness 3	JB	b-eb 1	Front wiring harness to Engine wiring harness-2_1	AH, BA, FA, GD
a-b 4	Cab main wiring harness to Front wiring harness 4	AA, HA, HB	b-eb 2	Front wiring harness to Engine wiring harness-2_2	AH
a-ea 1	Cab main wiring harness to Engine wiring harness-1_1	BA, EN, GD, HB, MA	b-sh	Front wiring harness to Headlight sub wiring harness	CA, CE

EG-20 [ENGINE (2 of 3)] (Models: FG, FT, GT double cab)



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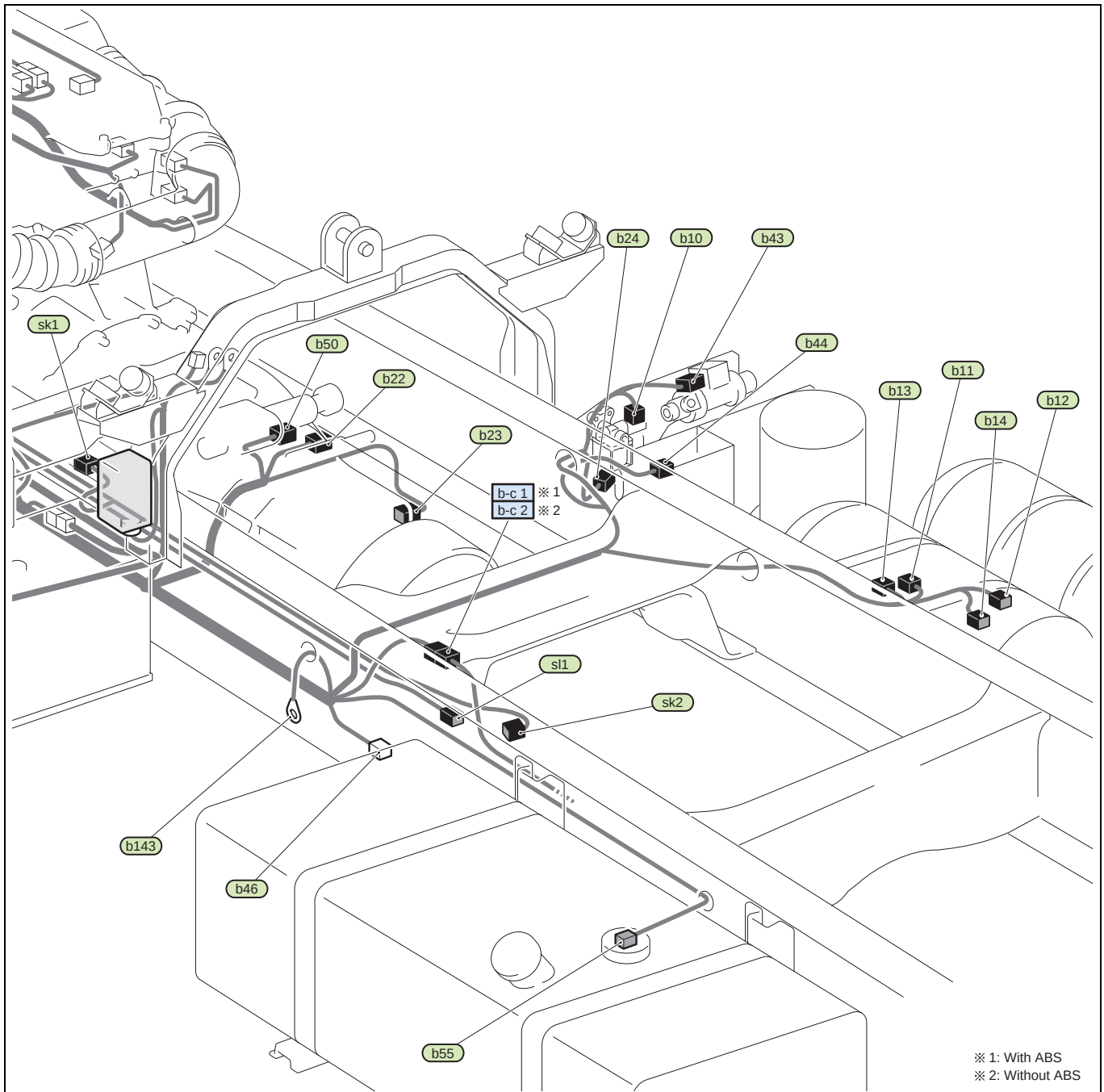
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b19	Starter relay (Coil)	AD	ea3	Common rail pressure sensor	GD
b20	Starter relay (Terminal B)	AD	ea4	EGR valve 1	GD
b21	Starter relay (Terminal C)	AD	ea5	EGR valve 2	GD
b32	Cab tilt solenoid valve	JB	ea6	Coolant level switch	BA, EN
b33	Cab tilt motor	JB	ea7	Earth injector	BA, EN, GD, MA
b34	Cab tilt switch	JB	ea8	Boost pressure sensor	GD
b35	Cab tilt relay 1	JB	ec1	Fuel filter level sensor	BA
b36	Cab tilt relay 2	JB	ec3	Fuel temperature sensor	GD
b88	Air flow sensor	GD	ec4	SCV (Suction Control Valve)	GD
ba1	Battery (+) terminal (Battery 2)	AA	ia1	Fuel injector No.1	GD
bb1	Battery (+) terminal (Battery 1)	AA	ia2	Fuel injector No.2	GD
bb2	Battery (-) terminal (Battery 2)	AA	ia3	Fuel injector No.3	GD
bc1	Battery (-) terminal (Battery 1)	AA	ia4	Fuel injector No.4	GD
bc2	Battery ground	AA, BA, HB, HC, LD, MA	ia5	Fuel injector No.5	GD
ea1	Engine speed main sensor	GD	ia6	Fuel injector No.6	GD
ea2	Engine speed sub sensor	GD			

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b-ba	Front wiring harness to Battery cable-1	BA, HB, HC, LD, MA	ea-id	Engine wiring harness-1 to Link-up connector	GD
ba-bc	Battery cable-1 to Battery cable-3	MA	id-ia	Link-up connector to Injector wiring harness	GD
ea-ec 2	Engine wiring harness-1 to Engine wiring harness-3_2	BA, GD			

EG-21 [ENGINE (3 of 3)] (Model: FG double cab)



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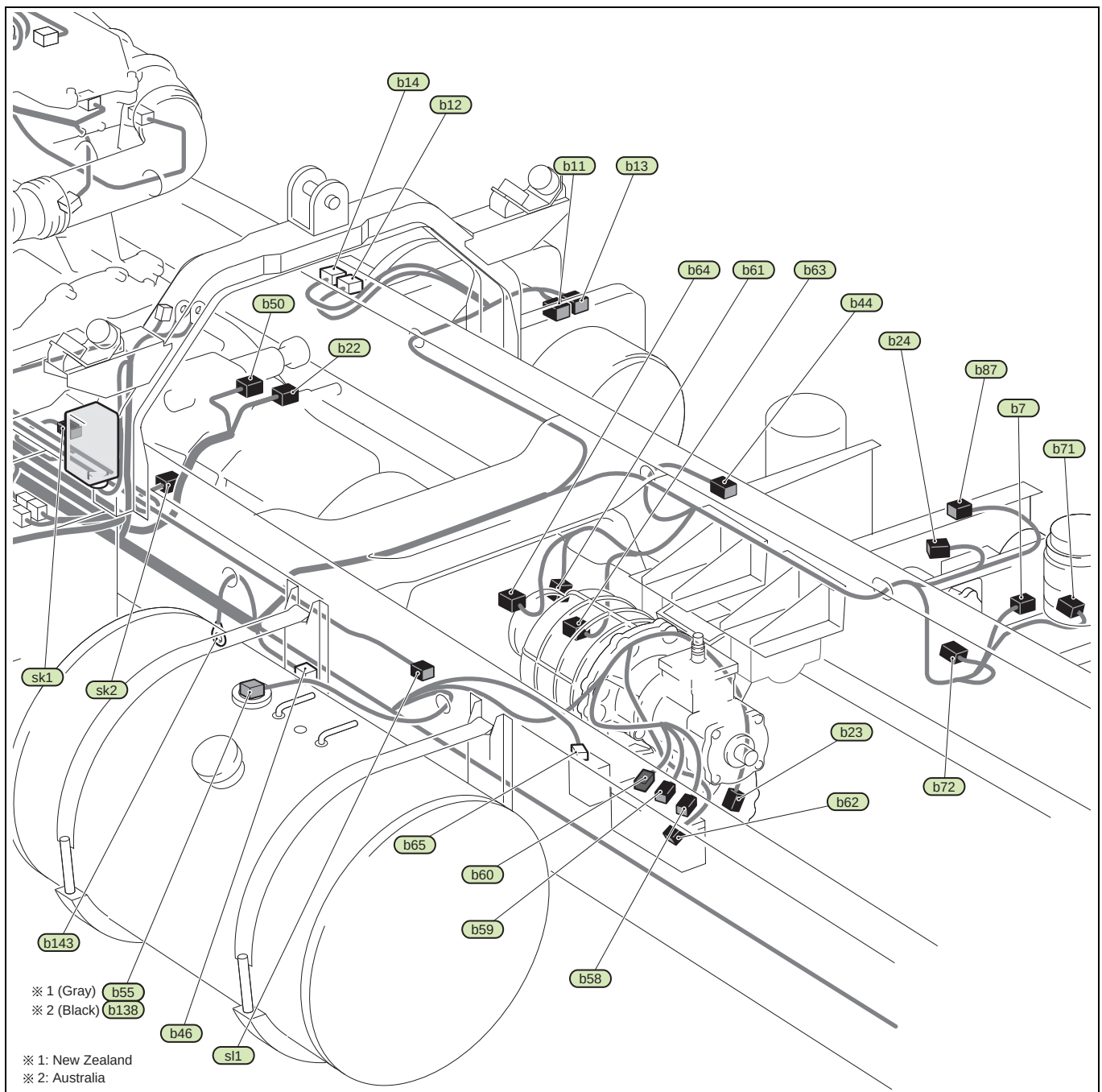
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b10	Low pressure switch 1	BB	b44	Air dryer heater	LF
b11	Low pressure switch 2	BB	b46	Service power (Tail)	AB
b12	Low pressure switch 3	BB	b50	Neutral switch	AD
b13	Air gauge sensor (Front)	BB	b55	Fuel gauge sender unit	BA
b14	Air gauge sensor (Rear)	BB	b143	Earth rear axle	BB, BC, CF, EE, EM, HB, HC, JB, LF, MA
b22	Backup light switch	CF	sk1	P.T.O. position switch	KA
b23	Vehicle speed sensor	BA	sk2	P.T.O. magnetic valve	KA
b24	Exhaust brake magnetic valve	GF	sl1	P.T.O. accelerator sensor	GL
b43	ES start control valve	HC			

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b-c 1	Front wiring harness to Intermediate wiring harness 1	CA, CB, CF, EM, HB, MA	b-c 2	Front wiring harness to Intermediate wiring harness 2	BC, CA, CB, EM, MA

EG-22 [ENGINE (3 of 3)] (Models: FT, GT double cab)



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ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b7	Brake fluid level switch	BB	b60	Transfer control magnetic valve (High/Low change)	LD
b11	Low pressure switch 2	BB	b61	High detection switch	LD
b12	Low pressure switch 3	BB	b62	Low detection switch	LD
b13	Air gauge sensor (Front)	BB	b63	4WD detection switch	LD
b14	Air gauge sensor (Rear)	BB	b64	Neutral switch	LD
b22	Backup light switch	CF	b65	Transfer control magnetic valve (Holding low position)	LD
b23	Vehicle speed sensor	BA	b71	Brake adjust switch (Front)	BB
b24	Exhaust brake magnetic valve	GF	b72	Brake adjust switch (Rear)	BB
b44	Air dryer heater	LF	b87	Hydraulic unit	HA
b46	Service power (Tail)	AB	b138	Fuel gauge sender unit	BA
b50	Neutral switch	AD	b143	Earth rear axle	BB, CD, CF, CH, EE, EM, HA, JB, LD, LF, MA
b55	Fuel gauge sender unit	BA	sk1	P.T.O. position switch	KA
b58	Transfer control magnetic valve (Holding)	LD	sk2	P.T.O. magnetic valve	KA
b59	Transfer control magnetic valve (4WD/2WD change)	LD	sl1	P.T.O. accelerator sensor	GL

※ 1: Thailand
 ※ 2: Australia, New Zealand
 ※ 3: India

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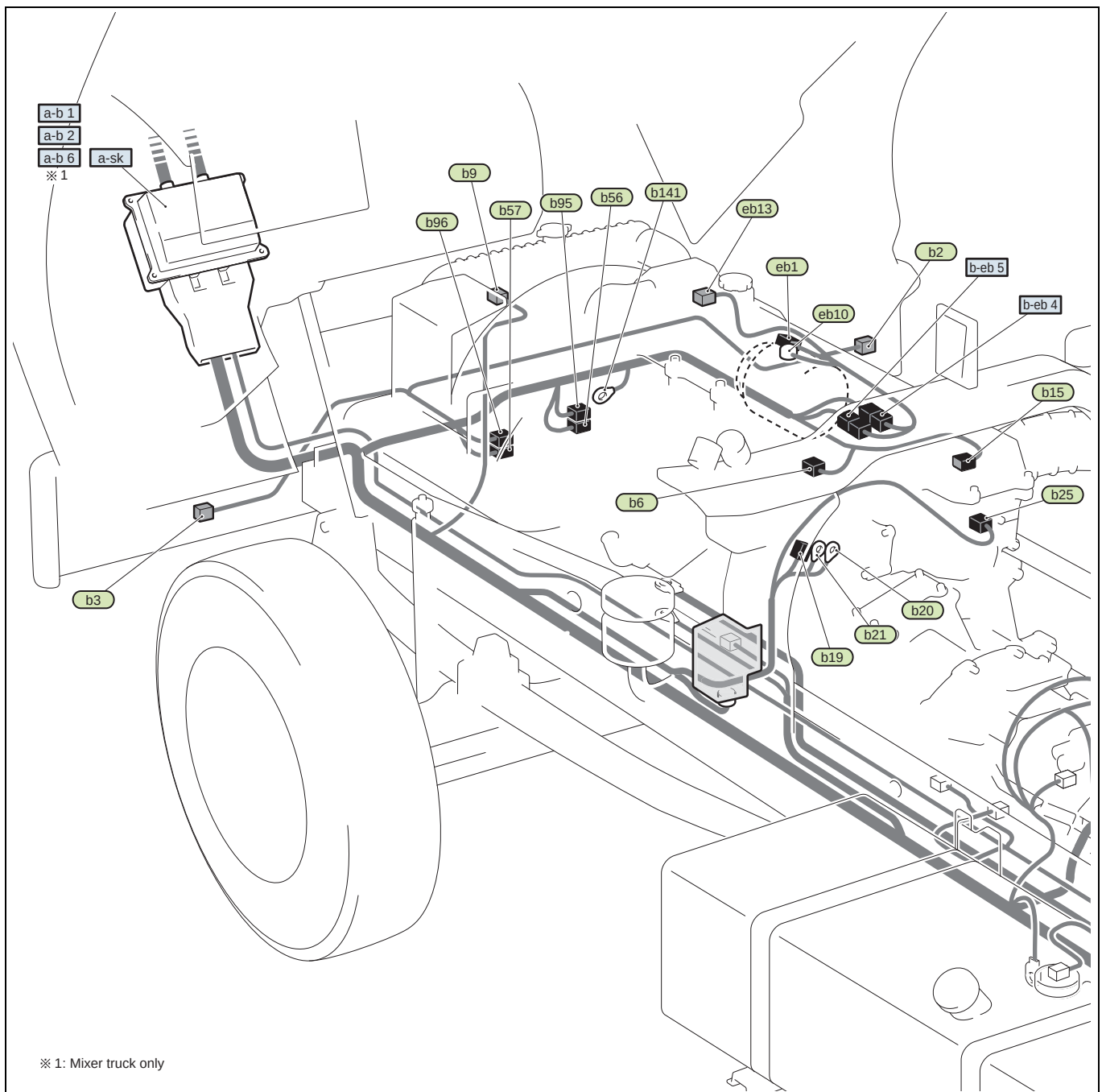
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b2	Headlight RH	CA	b118	Headlight beam control actuator RH	CE
b3	Headlight LH	CA	b141	Earth No.1 crossmember	BB, BC, CD, CF, CH, CK, EE, EM, HB, HF, LE, LF, MA
b5	Wheel sensor (Front LH)	HB	eb1	Alternator (Terminals L, R)	AH
b19	Starter relay (Coil)	AD, AE	eb2	Alternator (Terminal B)	AH
b20	Starter relay (Terminal B)	AD, AE	eb3	Coolant temperature sensor	GA, GD
b21	Starter relay (Terminal C)	AD, AE	eb4	Air conditioner compressor	FA
b56	Horn (High) (Terminal B)	EE	eb5	Oil pressure switch	BA
b57	Horn (Low) (Terminal B)	EE	eb6	VNT controller	GD
b70	Modulator (Front LH)	HB	sh1	Headlight RH	CA
b95	Horn (High) (Terminal L)	EE	sh2	Headlight LH	CA
b96	Horn (Low) (Terminal L)	EE	sh3	Headlight beam control actuator RH	CE
b117	Headlight beam control actuator LH	CE	sh4	Headlight beam control actuator LH	CE

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-b 1	Cab main wiring harness to Front wiring harness 1	AA, AB, AD, AE, AH, BA, BG, BI, CA, CB, CD, CE, CF, CH, CI, EM, GA, GD, GF, GH, HB, IA, IB, ID, LA, LE, LF, MA	a-sl	Cab main wiring harness to Working accelerator sensor sub wiring harness	GL
a-b 2	Cab main wiring harness to Front wiring harness 2	AA, AD, BA, BB, BC, CB, CD, CK, EE, EM, FA, HD, HF, ID, KA, KB, LE, MA	b-eb 1	Front wiring harness to Engine wiring harness-2_1	AH, BA, FA, GA, GD
a-ea 1	Cab main wiring harness to Engine wiring harness-1_1	BA, EN, GA, GD, GH, HB, MA	b-eb 2	Front wiring harness to Engine wiring harness-2_2	AH
a-sk	Cab main wiring harness to P.T.O. sub wiring harness	KA, KB	b-sh	Front wiring harness to Headlight sub wiring harness	CA, CE

EG-24 [ENGINE (1 of 3)] (Models: FL, FM8J for Indonesia)



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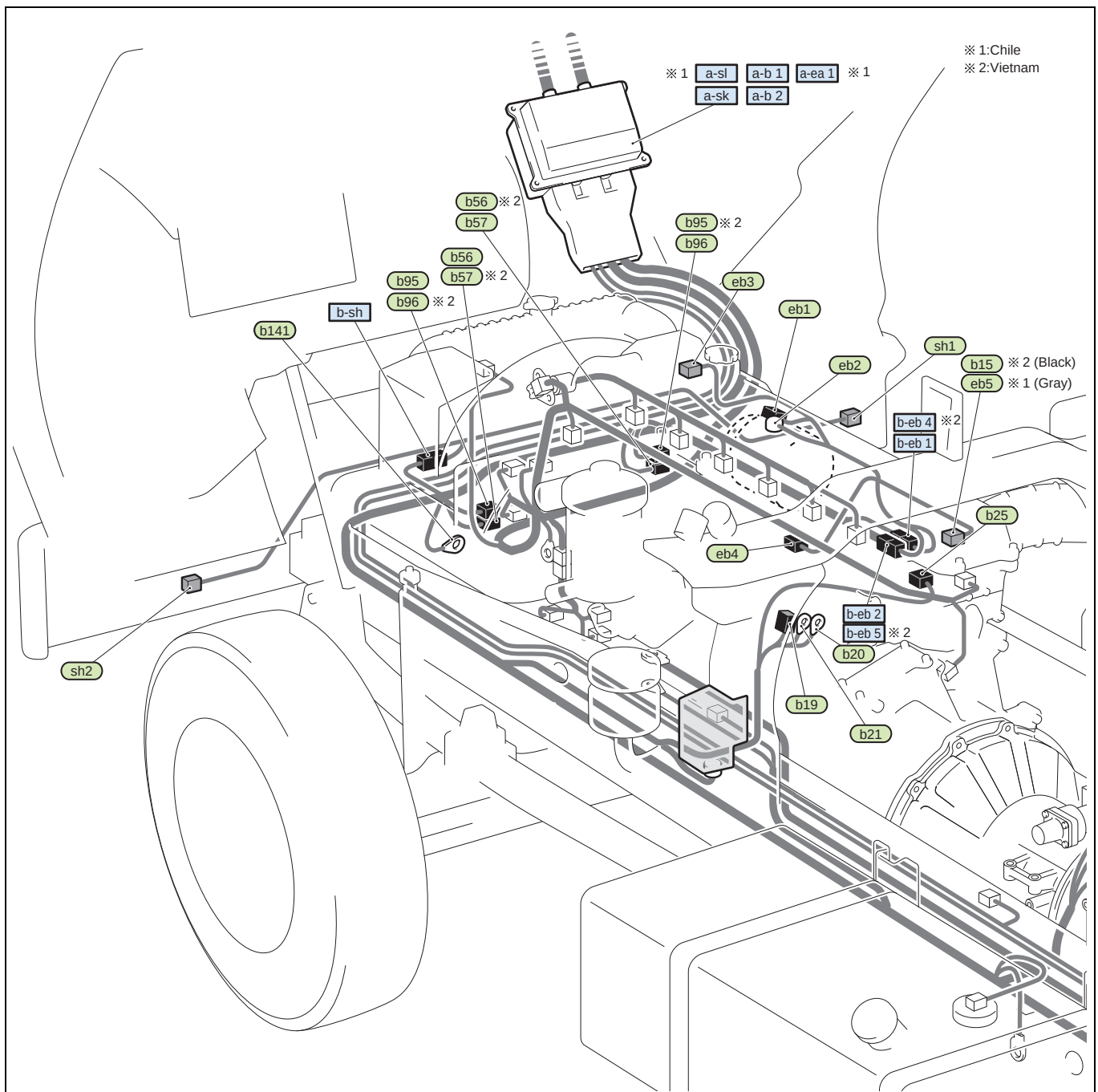
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b2	Headlight RH	CA	b56	Horn (High) (Terminal B)	EE
b3	Headlight LH	CA	b57	Horn (Low) (Terminal B)	EE
b6	Air conditioner compressor	FA	b95	Horn (High) (Terminal L)	EE
b9	Coolant level switch	BE	b96	Horn (Low) (Terminal L)	EE
b15	Oil pressure switch	BE	b141	Earth No.1 crossmember	BE, CD, CF, CH, EE, GG, HF, MA
b19	Starter relay (Coil)	AD	eb1	Alternator (Terminals L, R)	AH
b20	Starter relay (Terminal B)	AD	eb10	Alternator (Terminal B)	AH
b21	Starter relay (Terminal C)	AD	eb13	Coolant temperature gauge sender unit	BE
b25	Tachometer sensor	BE			

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-b 1	Cab main wiring harness to Front wiring harness 1	AA, AB, AD, AH, BD, BE, BG, CA, CB, CD, CF, CH, CI, GG, IA, MA	a-sk	Cab main wiring harness to P.T.O. sub wiring harness	KA, KB
a-b 2	Cab main wiring harness to Front wiring harness 2	AA, AD, BD, BE, BF, CD, EE, FA, HF, KA, KB, MA	b-eb 4	Front wiring harness to Engine wiring harness-2_4	AH, BE
a-b 6	Cab main wiring harness to Front wiring harness 6	HD	b-eb 5	Front wiring harness to Engine wiring harness-2_5	AH

EG-25 [ENGINE (1 of 3)] (Models: FL, FM for Chile, Vietnam)



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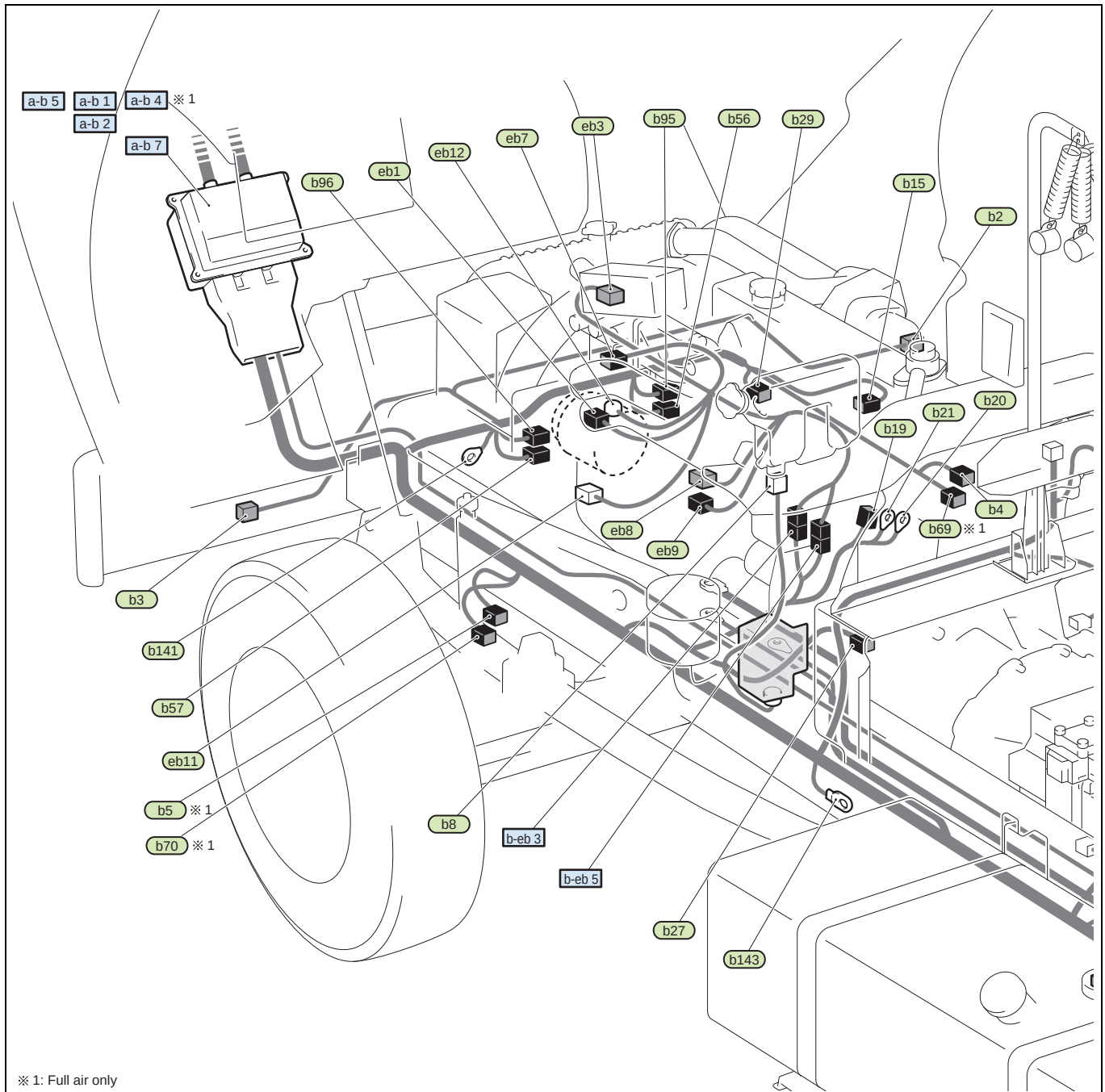
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b15	Oil pressure switch	BE	b141	Earth No.1 crossmember	BB, BC, CF, EE, HF, MA
b19	Starter relay (Coil)	AD	eb1	Alternator (Terminals L, R)	AH
b20	Starter relay (Terminal B)	AD	eb2	Alternator (Terminal B)	AH
b21	Starter relay (Terminal C)	AD	eb3	Coolant temperature sensor	GA
b25	Tachometer sensor	BE	eb4	Air conditioner compressor	FA
b56	Horn (High) (Terminal B)	EE	eb5	Oil pressure switch	BA
b57	Horn (Low) (Terminal B)	EE	sh1	Headlight RH	CA
b95	Horn (High) (Terminal L)	EE	sh2	Headlight LH	CA
b96	Horn (Low) (Terminal L)	EE			

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-b 1	Cab main wiring harness to Front wiring harness 1	AA, AB, AD, AH, BA, CA, CB, CF, CI, GA, GF, IA, LA, MA	b-eb 1	Front wiring harness to Engine wiring harness-2_1	AH, BA, FA, GA
a-b 2	Cab main wiring harness to Front wiring harness 2	AA, AD, BA, BB, BC, EE, FA, HF, KB, MA	b-eb 2	Front wiring harness to Engine wiring harness-2_2	AH
a-ea 1	Cab main wiring harness to Engine wiring harness-1_1	BA, GA, MA	b-eb 4	Front wiring harness to Engine wiring harness-2_4	AH, BE
a-sk	Cab main wiring harness to P.T.O. sub wiring harness	KB	b-eb 5	Front wiring harness to Engine wiring harness-2_5	AH
a-sl	Cab main wiring harness to Working accelerator sensor sub wiring harness	GL	b-sh	Front wiring harness to Headlight sub wiring harness	CA

EG-26 [ENGINE (1 of 3)] (Model: FM2P for Indonesia)



※ 1: Full air only

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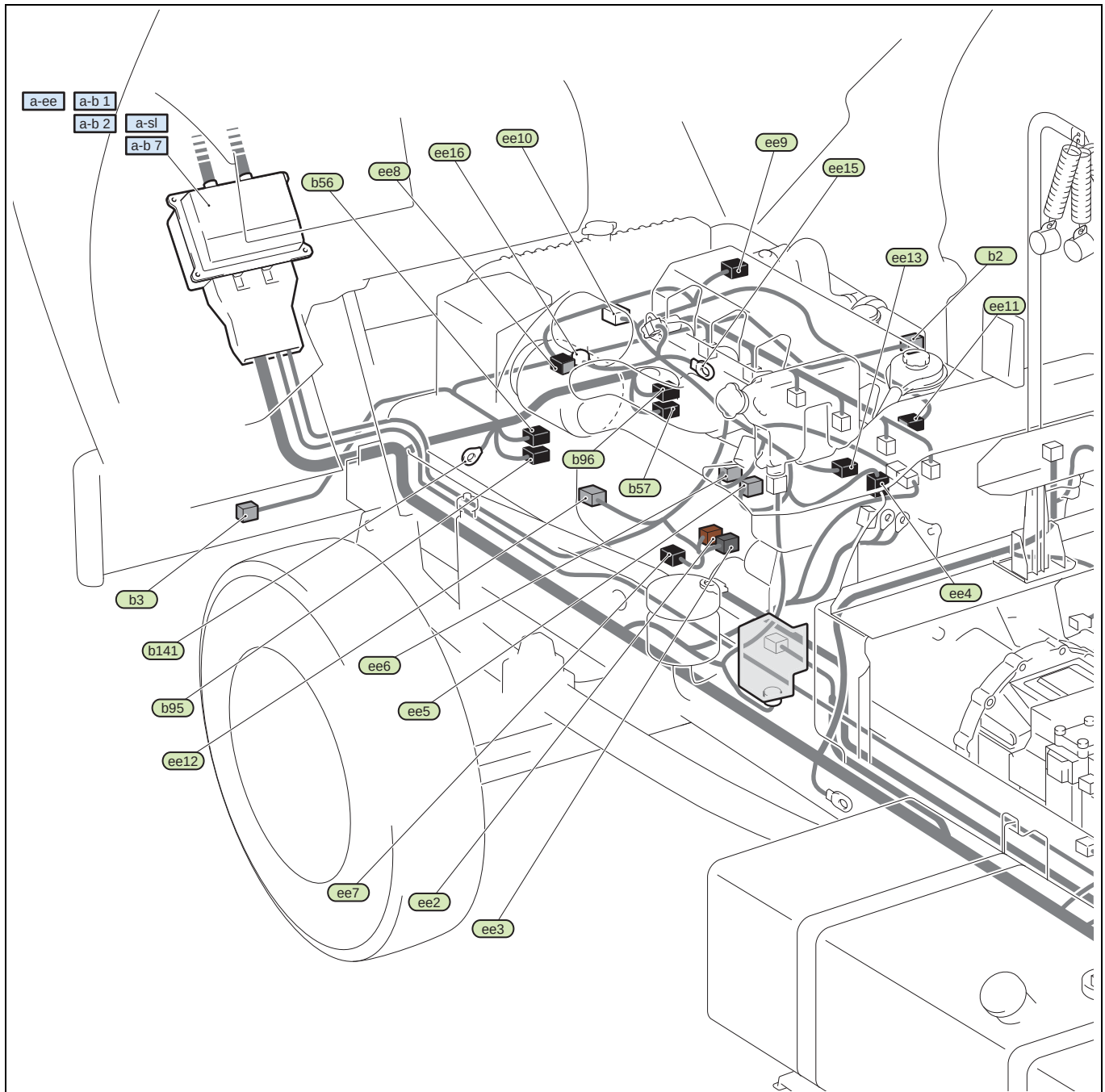
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b2	Headlight RH	CA	b69	Modulator (Front RH)	HB
b3	Headlight LH	CA	b70	Modulator (Front LH)	HB
b4	Wheel sensor (Front RH)	HB	b95	Horn (High) (Terminal L)	EE
b5	Wheel sensor (Front LH)	HB	b96	Horn (Low) (Terminal L)	EE
b8	Coolant level switch	BE	b141	Earth No.1 crossmember	BE, CF, CK, EE, GG, HF, IC, LE, MA
b15	Oil pressure switch	BE	b143	Earth rear axle	BE, CF, CK, EE, GG, HF, IC, LE, MA
b19	Starter relay (Coil)	AD	eb1	Alternator (Terminals L, R)	AH
b20	Starter relay (Terminal B)	AD	eb3	Coolant temperature sensor	BE, GE
b21	Starter relay (Terminal C)	AD	eb7	Boost pressure sensor	GE
b27	Waste gate magnetic valve	GE	eb8	Rack sensor	GE
b29	Engine speed sensor	GE	eb9	Pre-stroke sensor and actuator	GE
b56	Horn (High) (Terminal B)	EE	eb11	Air conditioner compressor	FA
b57	Horn (Low) (Terminal B)	EE	eb12	Alternator (Terminal B)	AH

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-b 1	Cab main wiring harness to Front wiring harness 1	AA, AB, AD, AH, BD, BE, BG, CA, CB, CF, CI, GE, GG, IB, LE, MA	a-b 7	Cab main wiring harness to Front wiring harness 7	KA
a-b 2	Cab main wiring harness to Front wiring harness 2	AA, AD, BD, BE, CB, CK, EE, FA, HF, IC, KA, LE, MA	b-eb 3	Front wiring harness to Engine wiring harness-2_3	AH, BE, FA, GE
a-b 4	Cab main wiring harness to Front wiring harness 4	AA, HA, HB	b-eb 5	Front wiring harness to Engine wiring harness-2_5	AH
a-b 5	Cab main wiring harness to Front wiring harness 5	GE			

EG-27 [ENGINE (1 of 3)] (Model: FM2P for Thailand)



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ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b2	Headlight RH	CA	ee6	Common rail pressure sensor	GB
b3	Headlight LH	CA	ee7	Engine speed main sensor	GB
b56	Horn (High) (Terminal B)	EE	ee8	Alternator (Terminals L, R)	AH
b57	Horn (Low) (Terminal B)	EE	ee9	Coolant temperature sensor	GB
b95	Horn (High) (Terminal L)	EE	ee10	Air conditioner compressor	FA
b96	Horn (Low) (Terminal L)	EE	ee11	Oil pressure switch	BA
b141	Earth No.1 crossmember	BB, BC, CD, CF, EE, HF, IC, MA	ee12	Fuel filter level sensor	BA
ee2	PCV 1	GB	ee13	Boost pressure sensor	GB
ee3	PCV 2	GB	ee15	Earth injector	GB
ee4	Engine speed sub sensor	GB	ee16	Alternator (Terminal B)	AH
ee5	Fuel temperature sensor	GB			

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-b 1	Cab main wiring harness to Front wiring harness 1	AA, AB, AD, AH, BA, BG, CA, CB, CF, CI, GB, IB, LE, MA	a-ee	Cab main wiring harness to Engine wiring harness	AH, GB
a-b 2	Cab main wiring harness to Front wiring harness 2	AA, AD, BA, BB, BC, CB, CK, EE, FA, IC, LE, MA	a-sl	Cab main wiring harness to Working accelerator sensor sub wiring harness	GL
a-b 7	Cab main wiring harness to Front wiring harness 7	KA			

This diagram shows the underside of a vehicle chassis with various components labeled for identification. The labels include:

- a-b 1**, **a-b 2**, **a-b 5**, **a-sk**: Labels for a control unit or sensor assembly at the top.
- b2**, **b15**, **b20**, **b21**, **b27**, **b29**, **b56**, **b95**, **b141**, **b143**: Labels for various sensors, actuators, and wiring components.
- eb1**, **eb3**, **eb7**, **eb8**, **eb9**, **eb11**, **eb12**, **eb96**: Labels for electrical components, possibly relays or connectors.
- b3**, **b8**, **b19**, **b57**: Labels for other chassis-mounted components.
- b-e-b 3**, **b-e-b 5**: Labels for specific electrical or mechanical parts.

The diagram illustrates the spatial arrangement and connection points of these components relative to the vehicle's frame and suspension system.

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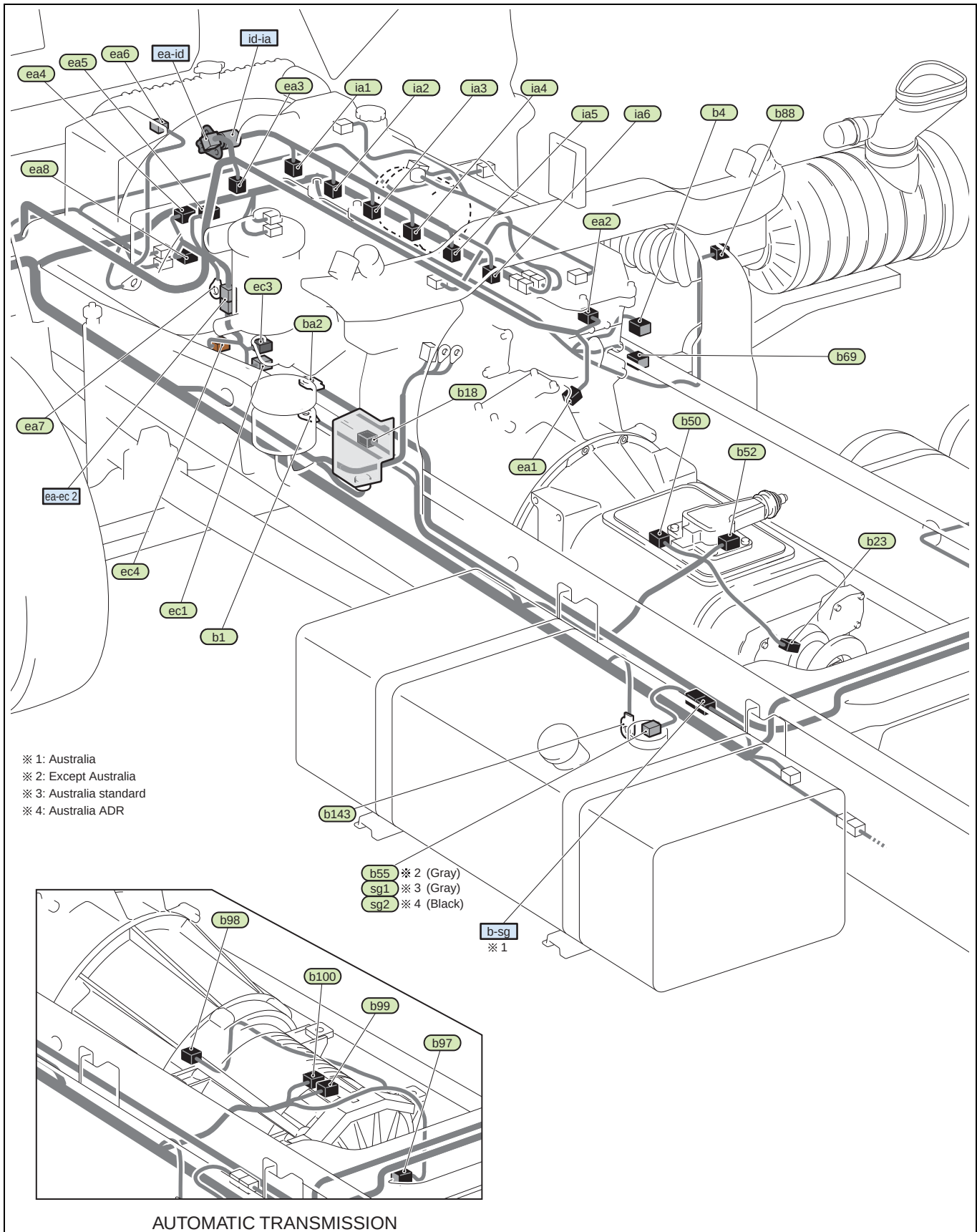
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b2	Headlight RH	CA	b95	Horn (High) (Terminal L)	EE
b3	Headlight LH	CA	b96	Horn (Low) (Terminal L)	EE
b8	Coolant level switch	BE	b141	Earth No.1 crossmember	BE, CF, CK, EE, GG, HF, IC, LE, MA
b15	Oil pressure switch	BE	b143	Earth rear axle	BE, CF, CK, EE, GG, HF, IC, LE, MA
b19	Starter relay (Coil)	AD	eb1	Alternator (Terminals L, R)	AH
b20	Starter relay (Terminal B)	AD	eb3	Coolant temperature sensor	BE, GE
b21	Starter relay (Terminal C)	AD	eb7	Boost pressure sensor	GE
b27	Waste gate magnetic valve	GE	eb8	Rack sensor	GE
b29	Engine speed sensor	GE	eb9	Pre-stroke sensor and actuator	GE
b56	Horn (High) (Terminal B)	EE	eb11	Air conditioner compressor	FA
b57	Horn (Low) (Terminal B)	EE	eb12	Alternator (Terminal B)	AH

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-b 1	Cab main wiring harness to Front wiring harness 1	AA, AB, AD, AH, BD, BE, BG, CA, CB, CF, CI, GE, GG, IB, LE, MA	a-sk	Cab main wiring harness to P.T.O. sub wiring harness	KA
a-b 2	Cab main wiring harness to Front wiring harness 2	AA, AD, BD, BE, CB, CK, EE, FA, HF, IC, KA, LE, MA	b-eb 3	Front wiring harness to Engine wiring harness-2_3	AH, BE, FA, GE
a-b 5	Cab main wiring harness to Front wiring harness 5	GE	b-eb 5	Front wiring harness to Engine wiring harness-2_5	AH

EG-29 [ENGINE (2 of 3)] (Models: FM for Australia, New Zealand)



ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

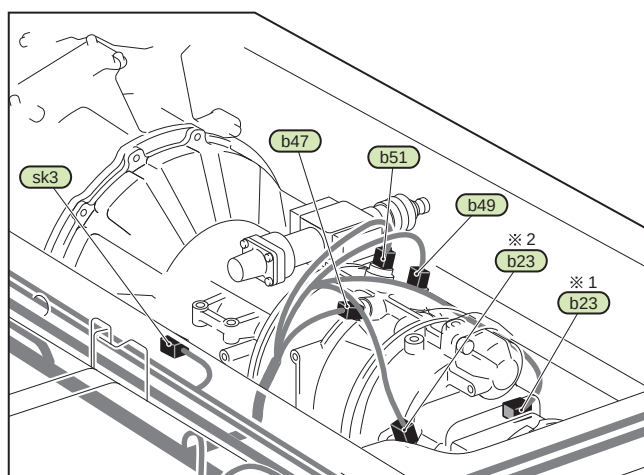
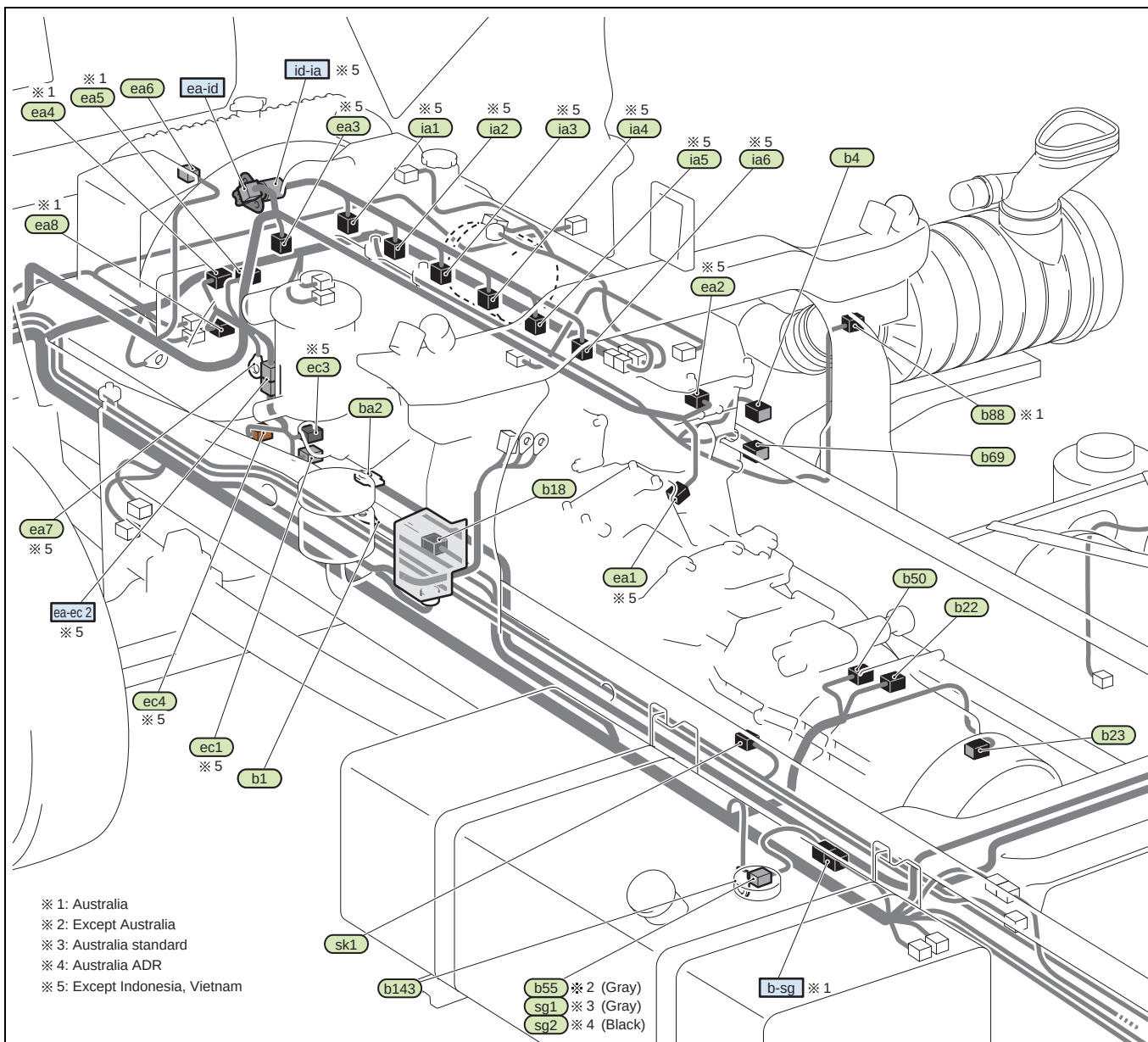
No.	Name	Circuit	No.	Name	Circuit
b1	Starter (Terminal B)	AD, AE	ea3	Common rail pressure sensor	GD
b4	Wheel sensor (Front RH)	HB	ea4	EGR valve 1	GD
b18	Starter (Terminal C)	AD, AE	ea5	EGR valve 2	GD
b23	Vehicle speed sensor	BA	ea6	Coolant level switch	BA, EN
b50	Neutral switch	AD	ea7	Earth injector	BA, EN, GD, MA
b52	Backup light switch	CF	ea8	Boost pressure sensor	GD
b55	Fuel gauge sender unit	BA	ec1	Fuel filter level sensor	BA
b69	Modulator (Front RH)	HB	ec3	Fuel temperature sensor	GD
b88	Air flow sensor	GD	ec4	SCV (Suction control valve)	GD
b97	Output speed sensor	ID	ia1	Fuel injector No.1	GD
b98	Engine speed sensor	ID	ia2	Fuel injector No.2	GD
b99	Automatic transmission main unit 2	ID	ia3	Fuel injector No.3	GD
b100	Automatic transmission main unit 1	ID, LC	ia4	Fuel injector No.4	GD
b143	Earth rear axle	BB, BC, CD, CF, CH, EE, EM, HB, HF, LE, LF, MA	ia5	Fuel injector No.5	GD
ba2	Starter (Terminal B)	AD, AE	ia6	Fuel injector No.6	GD
ea1	Engine speed main sensor	GD	sg1	Fuel gauge sender unit (Australia standard)	BA
ea2	Engine speed sub sensor	GD	sg2	Fuel gauge sender unit (Australia ADR)	BA

WIRE TO WIRE CONNECTOR

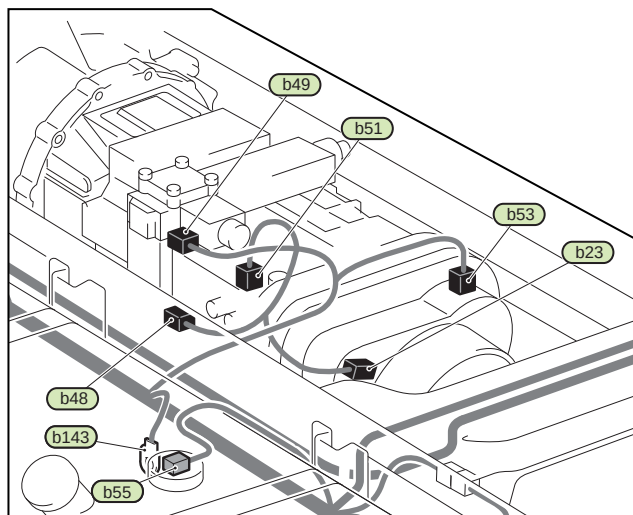
No.	Name	Circuit	No.	Name	Circuit
b-sg	Front wiring harness to Fuel tank sub wiring harness	BA	ea-id	Engine wiring harness-1 to Link-up connector	GD
ea-ec 2	Engine wiring harness-1 to Engine wiring harness-3_2	BA, GD	id-ia	Link-up connector to Injector wiring harness	GD

EG-30 [ENGINE (2 of 3)]

**[Models: FL for Australia, Vietnam FM8J for Chile, Indonesia, Thailand, India
(Except tractor)]**



EATON TRANSMISSION



ZF9S1110 TRANSMISSION

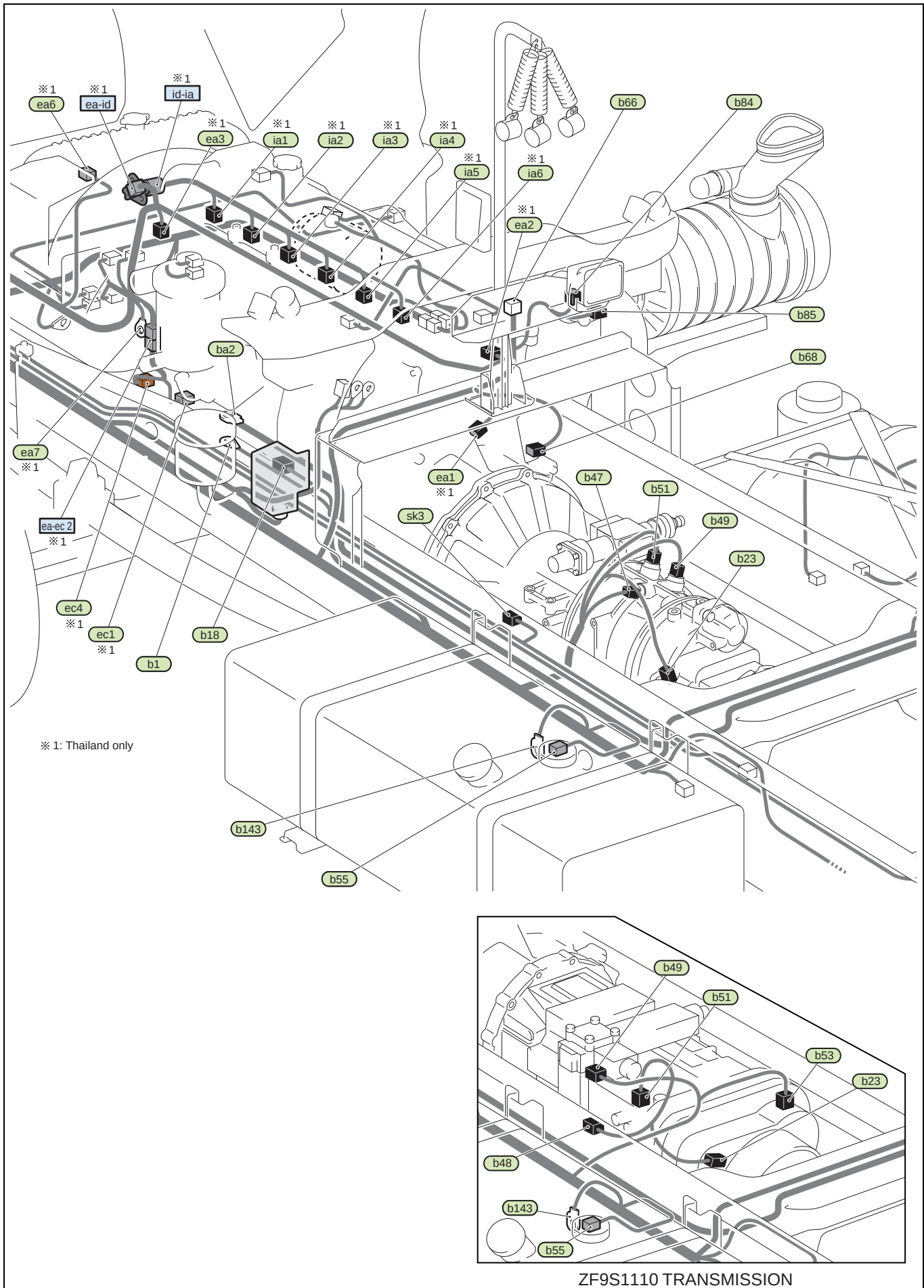
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b1	Starter (Terminal B)	AD	ea4	EGR valve 1	GD
b4	Wheel sensor (Front RH)	HB	ea5	EGR valve 2	GD
b18	Starter (Terminal C)	AD	ea6	Coolant level switch	BA, EN
b22	Backup light switch	CF	ea7	Earth injector	BA, EN, GA, GD, MA
b23	Vehicle speed sensor	BA, BE	ea8	Boost pressure sensor	GD
b47	Range Lo switch	IA	ec1	Fuel filter level sensor	BA
b48	Range Hi switch	IB	ec3	Fuel temperature sensor	GA, GD
b49	Neutral switch	AD	ec4	SCV (Suction Control Valve)	GA, GD
b50	Neutral switch	AD	ia1	Fuel injector No.1	GA, GD
b51	Backup light switch	CF	ia2	Fuel injector No.2	GA, GD
b53	P.T.O. position switch	KA	ia3	Fuel injector No.3	GA, GD
b55	Fuel gauge sender unit	BA, BE	ia4	Fuel injector No.4	GA, GD
b69	Modulator (Front RH)	HB	ia5	Fuel injector No.5	GA, GD
b88	Air flow sensor	GD	ia6	Fuel injector No.6	GA, GD
b143	Earth rear axle	BB, BC, CD, CF, CH, EE, EM, HB, HF, LF, MA	sg1	Fuel gauge sender unit (Australia standard)	BA
ba2	Starter (Terminal B)	AD	sg2	Fuel gauge sender unit (Australia ADR)	BA
ea1	Engine speed main sensor	GA, GD	sk1	P.T.O. position switch	KA
ea2	Engine speed sub sensor	GA, GD	sk3	P.T.O. position switch	KB
ea3	Common rail pressure sensor	GA, GD			

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b-sg	Front wiring harness to Fuel tank sub wiring harness	BA	ea-id	Engine wiring harness-1 to Link-up connector	GA, GD
ea-ec 2	Engine wiring harness-1 to Engine wiring harness-3_2	BA, GA, GD	id-ia	Link-up connector to Injector wiring harness	GA, GD

EG-31 [ENGINE (2 of 3)] (Model: FM8J tractor)



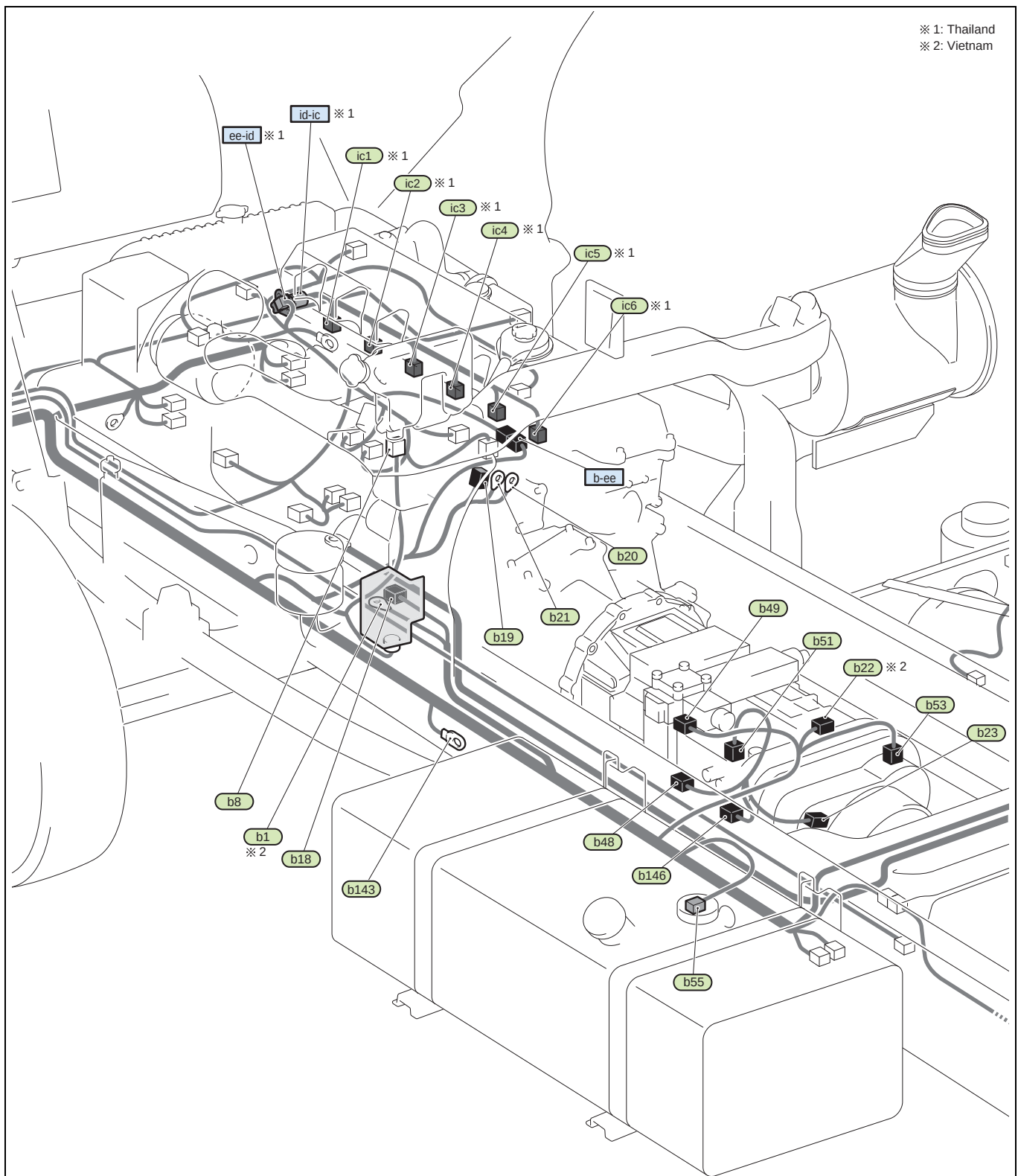
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b1	Starter (Terminal B)	AD	ea1	Engine speed main sensor	GA
b18	Starter (Terminal C)	AD	ea2	Engine speed sub sensor	GA
b23	Vehicle speed sensor	BA, BE	ea3	Common rail pressure sensor	GA
b47	Range Lo switch	IA	ea6	Coolant level switch	BA
b48	Range Hi switch	IB	ea7	Earth injector	BA, GA, MA
b49	Neutral switch	AD	ec1	Fuel filter level sensor	BA
b51	Backup light switch	CF	ec4	SCV (Suction Control Valve)	GA
b53	P.T.O. position switch	KA	ia1	Fuel injector No.1	GA
b55	Fuel gauge sender unit	BA, BE	ia2	Fuel injector No.2	GA
b66	Trailer socket	CB, LE	ia3	Fuel injector No.3	GA
b68	Trailer stop light switch	CB	ia4	Fuel injector No.4	GA
b84	Spot light	CK	ia5	Fuel injector No.5	GA
b85	Spot light switch	CK	ia6	Fuel injector No.6	GA
b143	Earth rear axle	BB, BE, CF, CK, EE, GG, HF, LE, MA	sk3	P.T.O. position switch	KB
ba2	Starter (Terminal B)	AD			

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
ea-ec 2	Engine wiring harness-1 to Engine wiring harness-3_2	BA, GA	id-ia	Link-up connector to Injector wiring harness	GA
ea-id	Engine wiring harness-1 to Link-up connector	GA			

EG-32 [ENGINE (2 of 3)] [Models: FM2P for Thailand, Vietnam (Except tractor)]



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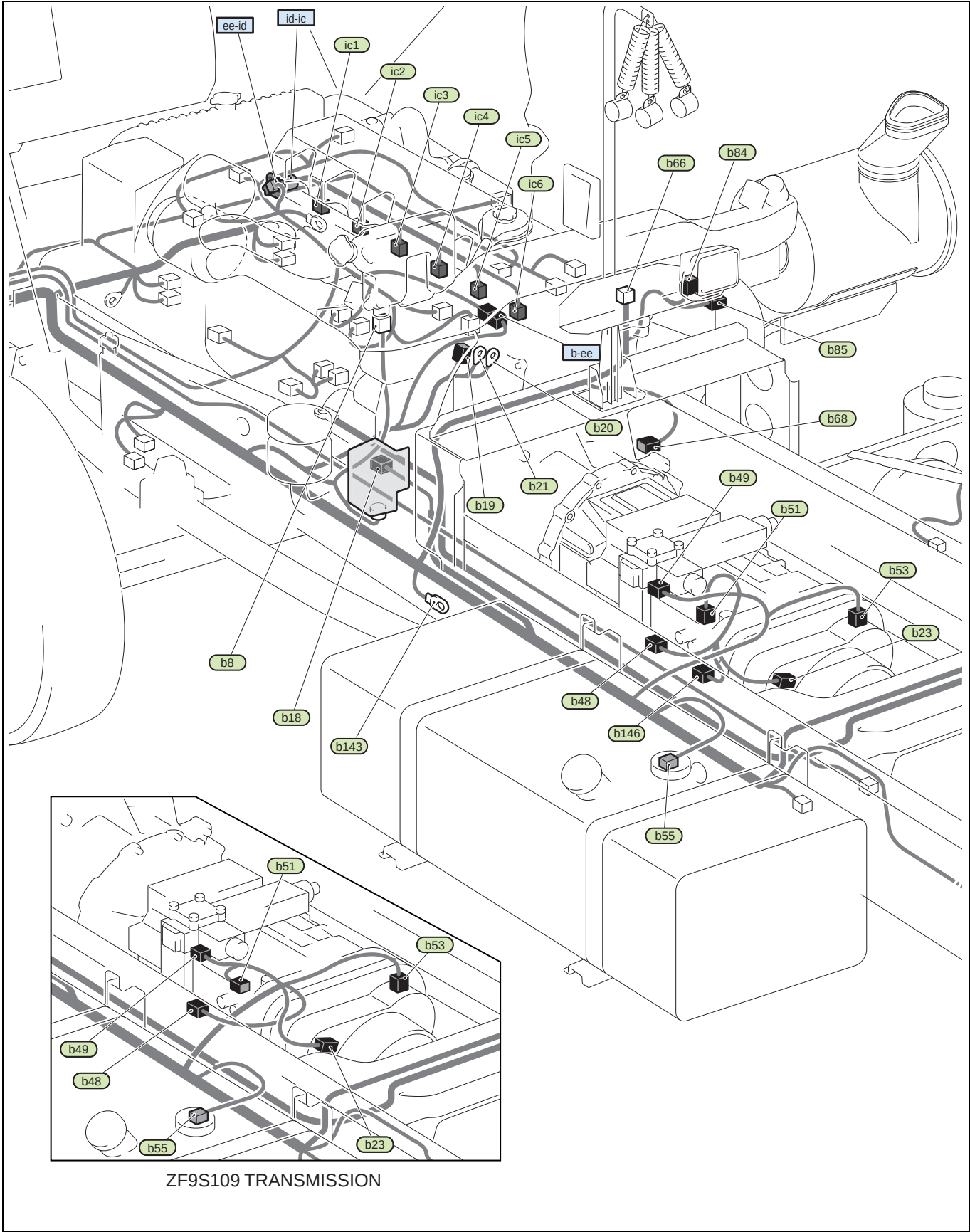
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b4	Starter (Terminal B)	AD	b53	P.T.O. position switch	KA
b8	Coolant level switch	BA	b55	Fuel gauge sender unit	BA
b18	Starter (Terminal C)	AD	b143	Earth rear axle	BB, CF, EE, EM, HF, IC, MA
b19	Starter relay (Coil)	AD	b146	ZF power shift magnetic valve	IC
b20	Starter relay (Terminal B)	AD	ic1	Fuel injector No.1	GB
b21	Starter relay (Terminal C)	AD	ic2	Fuel injector No.2	GB
b22	Backup light switch	CF	ic3	Fuel injector No.3	GB
b23	Vehicle speed sensor	BA	ic4	Fuel injector No.4	GB
b48	Range Hi switch	IB	ic5	Fuel injector No.5	GB
b49	Neutral switch	AD	ic6	Fuel injector No.6	GB
b51	Backup light switch	CF			

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b-ee	Front wiring harness to Engine wiring harness	AH	id-ic	Link-up connector to Injector wiring harness	GB
ee-id	Engine wiring harness to Link-up connector	GB			

EG-33 [ENGINE (2 of 3)] (Model: FM2P tractor)



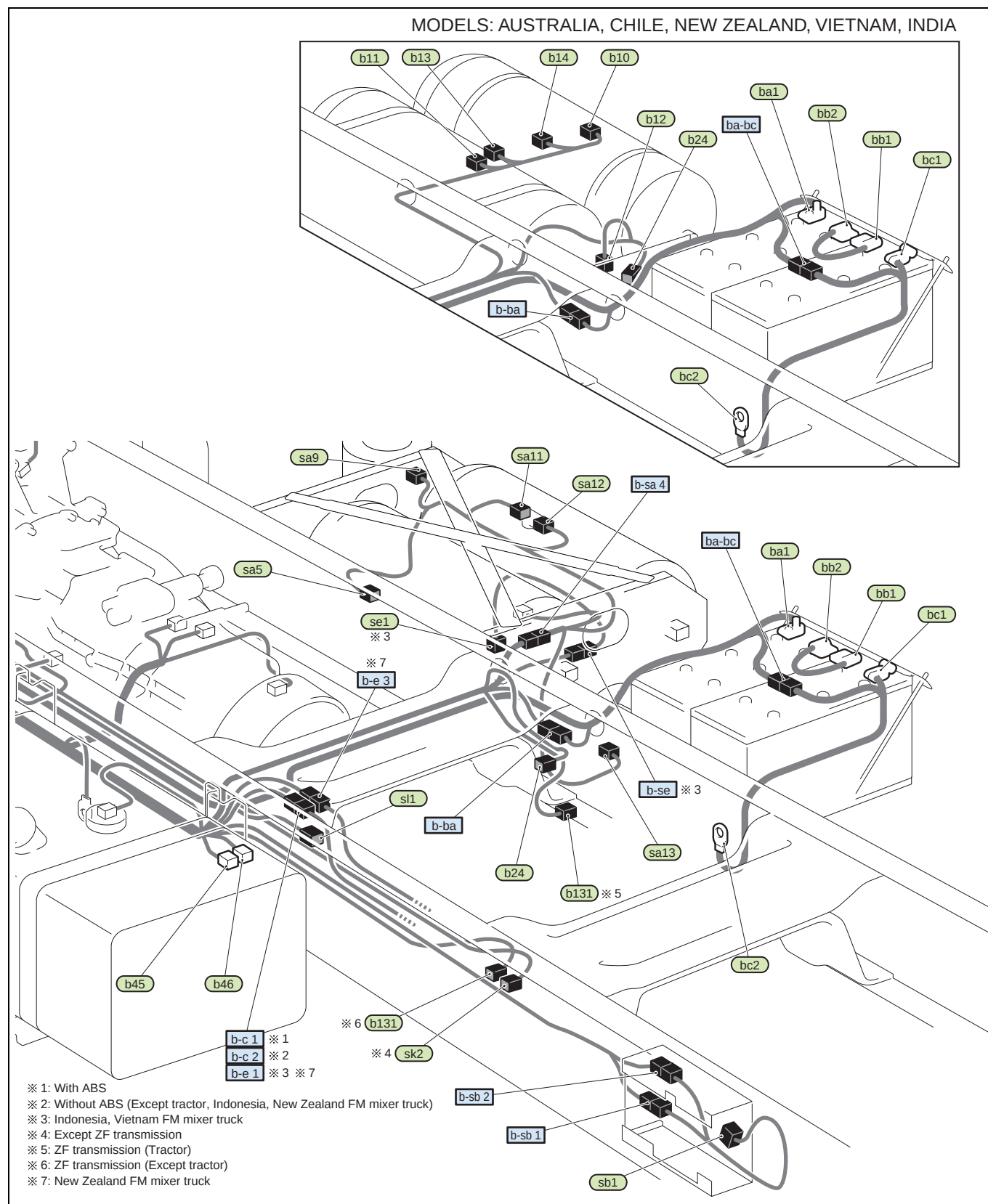
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b8	Coolant level switch	BA, BE	b68	Trailer stop light switch	CB
b18	Starter (Terminal C)	AD	b84	Spot light	CK
b19	Starter relay (Coil)	AD	b85	Spot light switch	CK
b20	Starter relay (Terminal B)	AD	b143	Earth rear axle	BB, CF, CK, EE, EM, GG, HF, IC, MA
b21	Starter relay (Terminal C)	AD	b146	ZF power shift magnetic valve	IC
b23	Vehicle speed sensor	BA, BE	ic1	Fuel injector No.1	GB
b48	Range Hi switch	IB	ic2	Fuel injector No.2	GB
b49	Neutral switch	AD	ic3	Fuel injector No.3	GB
b51	Backup light switch	CF	ic4	Fuel injector No.4	GB
b53	P.T.O. position switch	KA	ic5	Fuel injector No.5	GB
b55	Fuel gauge sender unit	BA, BE	ic6	Fuel injector No.6	GB
b66	Trailer socket	CB, LE			

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b-ee	Front wiring harness to Engine wiring harness	AH	id-ic	Link-up connector to Injector wiring harness	GB
ee-id	Engine wiring harness to Link-up connector	GB			

EG-34 [ENGINE (3 of 3)] (Models: FL, FM8J, FM2P)



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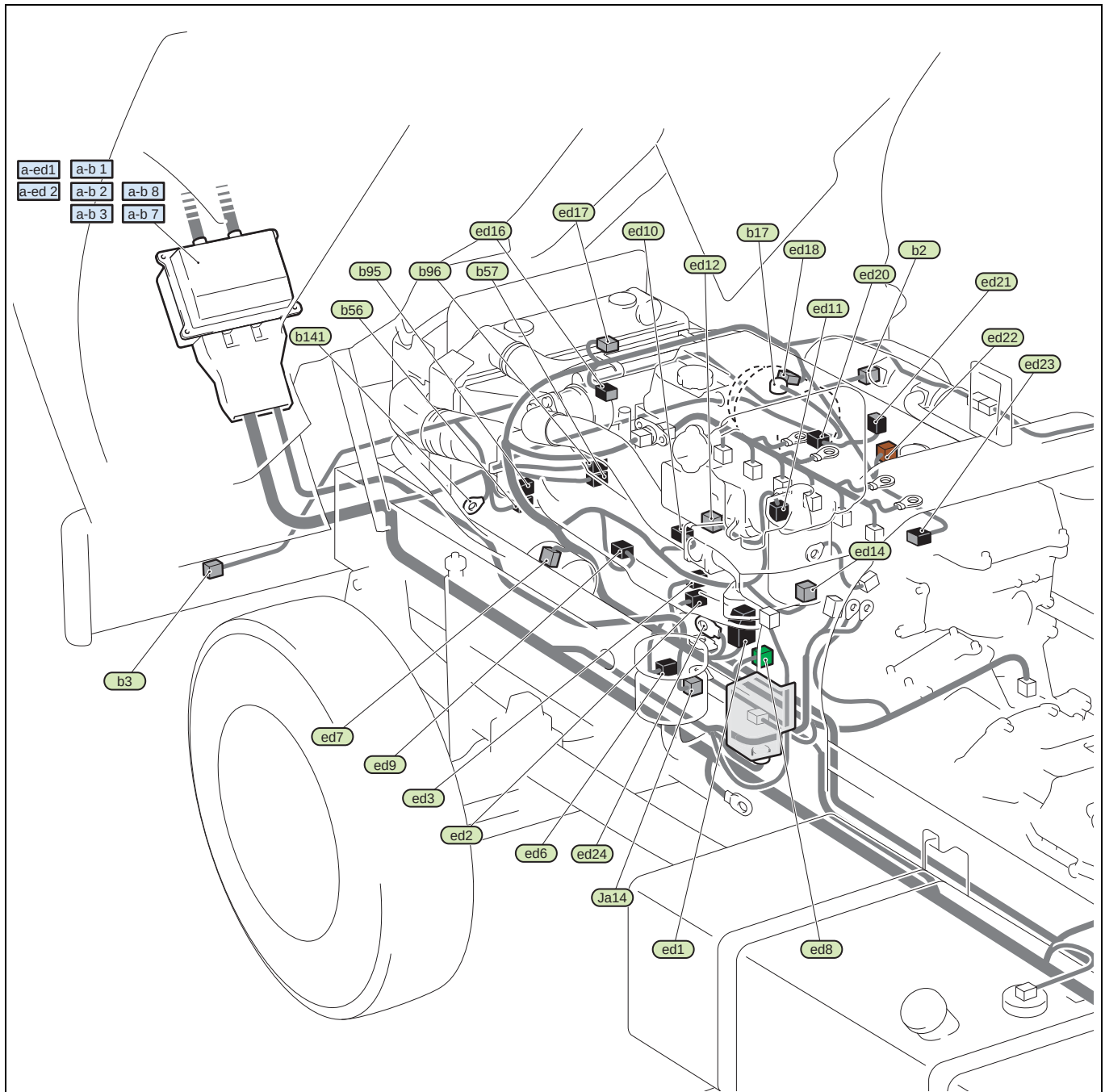
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b10	Low pressure switch 1	BB	bc1	Battery (-) terminal (Battery 1)	AA
b11	Low pressure switch 2	BB	bc2	Battery ground	AA, BA, BE, BG, BI, GE, HB, ID, MA
b12	Low pressure switch 3	BB	sa5	Brake adjust switch (Front)	BB, BE
b13	Air gauge sensor (Front)	BB	sa9	Brake fluid level switch	BB, BE
b14	Air gauge sensor (Rear)	BB	sa11	Low pressure switch 3 (Wet)	BB, BE
b24	Exhaust brake magnetic valve	GF, GG, GH	sa12	Air gauge sensor (Wet)	BB, BE
b45	Dump up switch	KA, KB	sa13	Brake adjust switch (Rear)	BB, BE
b46	Service power (Tail)	AB	sb1	Automatic transmission ECU	ID
b131	P.T.O. magnetic valve	KA	se1	Brake lock pressure switch	HD
ba1	Battery (+) terminal (Battery 2)	AA	sk2	P.T.O. magnetic valve	KA, KB
bb1	Battery (+) terminal (Battery 1)	AA	sl1	P.T.O. accelerator sensor	GL
bb2	Battery (-) terminal (Battery 2)	AA			

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b-c 1	Front wiring harness to Intermediate wiring harness 1	CA, CB, CF, EM, HB, HF, MA	b-sa 4	Front wiring harness to Air tank sub wiring harness 4	BB, BE, GG
b-c 2	Front wiring harness to Intermediate wiring harness 2	BC, CA, CB, EM, HF, MA	b-sb 1	Front wiring harness to Automatic transmission sub wiring harness 1	ID
b-e 1	Front wiring harness to Intermediate+rear wiring harness 1	CA, CD, CH, HD, HF, LE, MA	b-sb 2	Front wiring harness to Automatic transmission sub wiring harness 2	ID, LC
b-e 3	Front wiring harness to Intermediate+rear wiring harness 3	AB, BC, LE	b-se	Front wiring harness to Brake lock (Pressure switch) sub wiring harness	HD
b-ba	Front wiring harness to Battery cable-1	BA, BE, BG, BH, GE, HB, MA	ba-bc	Battery cable-1 to Battery cable-3	MA

EG-35 [ENGINE (1 of 3)] (Model: FM1A)



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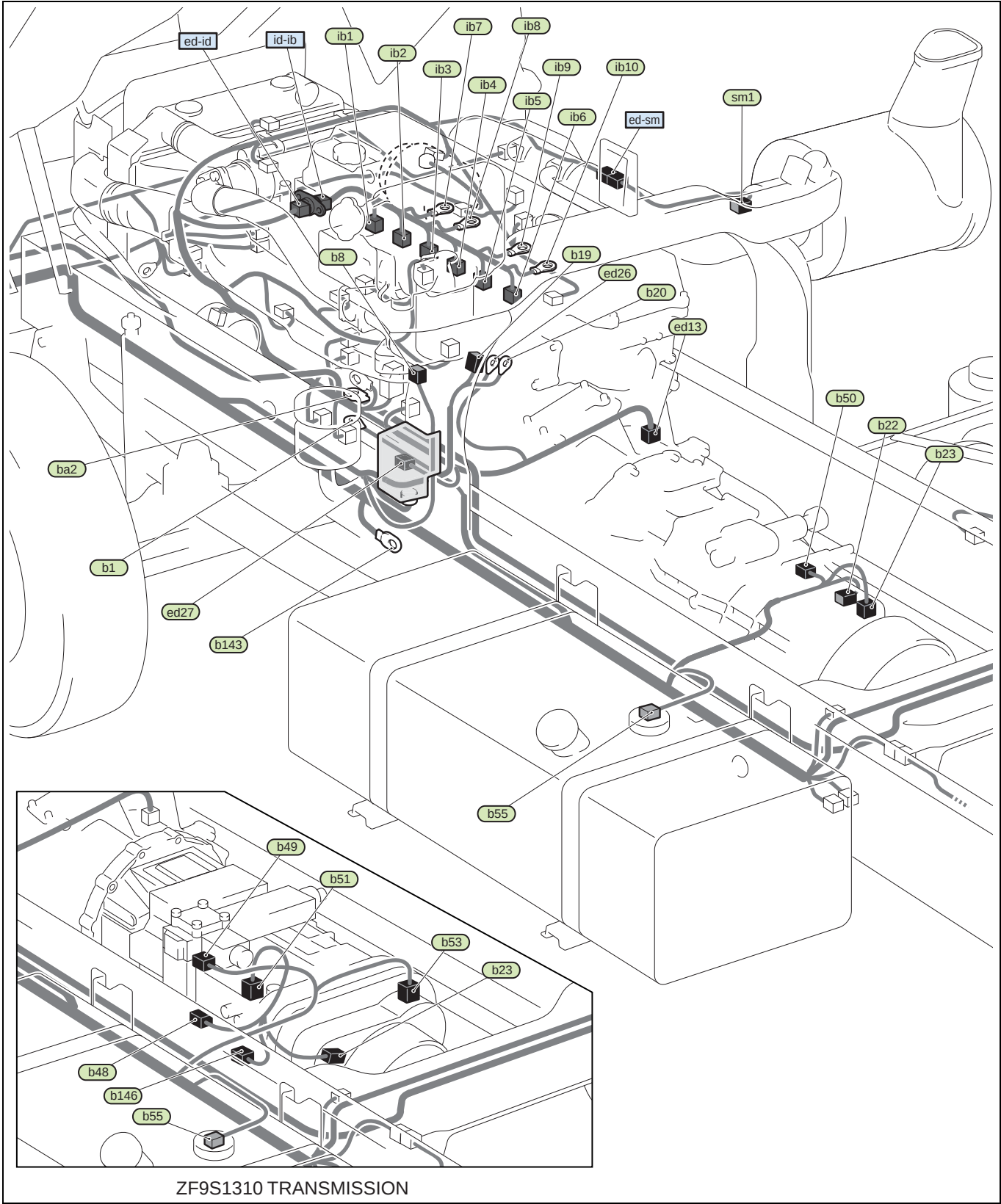
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b2	Headlight RH	CA	ed10	MPROP (Supply pump)	GM
b3	Headlight LH	CA	ed11	Common rail pressure sensor	GM
b17	Alternator (Terminal B)	AH	ed12	EGR control	GO
b56	Horn (High) (Terminal B)	EE	ed14	Fuel filter level sensor	BA
b57	Horn (Low) (Terminal B)	EE	ed16	Boost pressure sensor	GM
b95	Horn (High) (Terminal L)	EE	ed17	EGR coolant temperature sensor	GO
b96	Horn (Low) (Terminal L)	EE	ed18	Coolant temperature sensor	GM
b141	Earth No.1 crossmember	BB, CD, CF, CH, CK, EE, HF, IC, LE, MA	ed20	Alternator (Terminals L, R)	AH
ed1	Engine ECU [89 pin (A09C)]	GM, GO, GP, MA	ed21	Turbine speed sensor	GO
ed2	Engine ECU [36 pin (A09C)]	GM, GN, GO, GP, GQ	ed22	VNT actuator	GO
ed3	Engine ECU [16 pin (A09C)]	GM	ed23	Oil pressure switch	BA
ed6	VNT controller	GO	ed24	Earth injector	GM, MA
ed7	Air conditioner compressor	FA			
ed8	Fuel temperature sensor	GM	Ja14	J/C Engine CAN	GM
ed9	Engine speed main sensor	GM			

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-b 1	Cab main wiring harness to Front wiring harness 1	AA, AB, AD, BA, BG, BI, CA, CB, CD, CF, CH, CI, GM, LA, LE, LG, MA	a-b 8	Cab main wiring harness to Front wiring harness 8	GP
a-b 2	Cab main wiring harness to Front wiring harness 2	AA, AD, BA, BB, CB, CD, CK, EE, FA, GM, HD, HF, IC, KA, LE, MA	a-ed 1	Cab main wiring harness to Engine wiring harness-1_1	AD, AH, BA, FA, GM, GO, GP, KA, LA, LB, LG, MA
a-b 6	Cab main wiring harness to Front wiring harness 6	HD	a-ed 2	Cab main wiring harness to Engine wiring harness-1_2	FA, GP
a-b 7	Cab main wiring harness to Front wiring harness 7	KA			

EG-36 [ENGINE (2 of 3)] [Model: FM1A (Except tractor)]

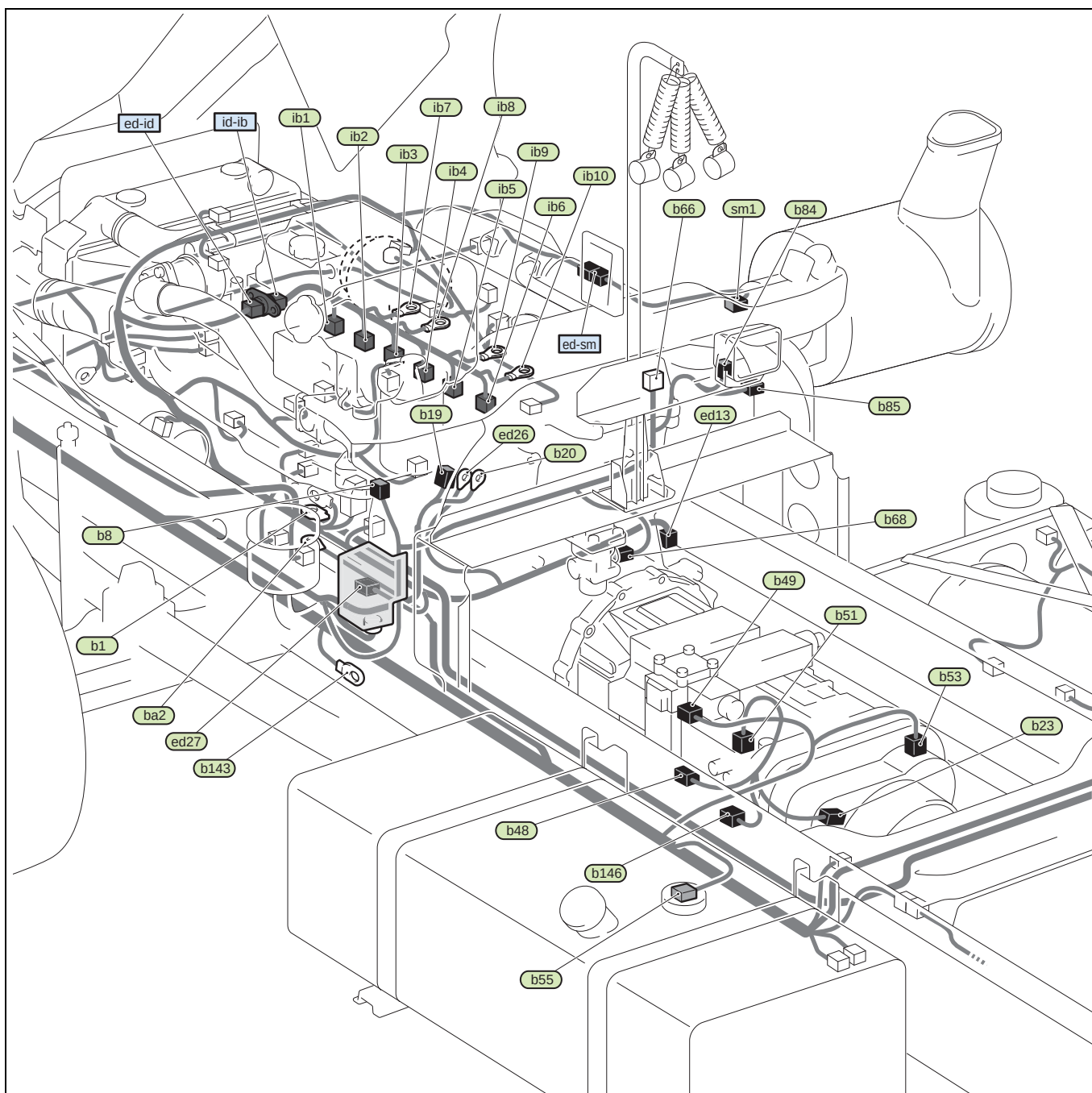


ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b1	Starter (Terminal B)	AD	ed13	Engine speed sub sensor	GM
b8	Coolant level switch (Header tank)	BA	ed26	Starter relay (Terminal C)	AD
b19	Starter relay (Coil)	AD	ed27	Starter (Terminal C)	AD
b20	Starter relay (Terminal B)	AD	ib1	Fuel injector No.1	GM
b22	Backup light switch	CF, LG	ib2	Fuel injector No.2	GM
b23	Vehicle speed sensor	BA	ib3	Fuel injector No.3	GM
b48	Range Hi switch	IB	ib4	Fuel injector No.4	GM
b49	Neutral switch	AD	ib5	Fuel injector No.5	GM
b50	Neutral switch	AD	ib6	Fuel injector No.6	GM
b51	Backup light switch	CF, LG	ib7	Engine retarder EGR [Brake F (-)]	GQ
b53	P.T.O. position switch	KA	ib8	Engine retarder EGR [Brake F (+)]	GQ
b55	Fuel gauge sender unit	BA	ib9	Engine retarder EGR [Brake R (-)]	GQ
b143	Earth rear axle	BB, CD, CF, CH, EE, HF, IC, MA	ib10	Engine retarder EGR [Brake R (+)]	GQ
b146	ZF power shift magnetic valve	IC	sm1	Air flow sensor	GN
ba2	Starter (Terminal B)	AD			

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
ed-id	Engine wiring harness-1 to Link-up connector	GM, GQ	id-ib	Link-up connector to Injector wiring harness	GM, GQ
ed-sm	Engine wiring harness-1 to Air flow sensor sub wiring harness	GN			

EG-37 [ENGINE (2 of 3)] (Model: FM1A tractor)

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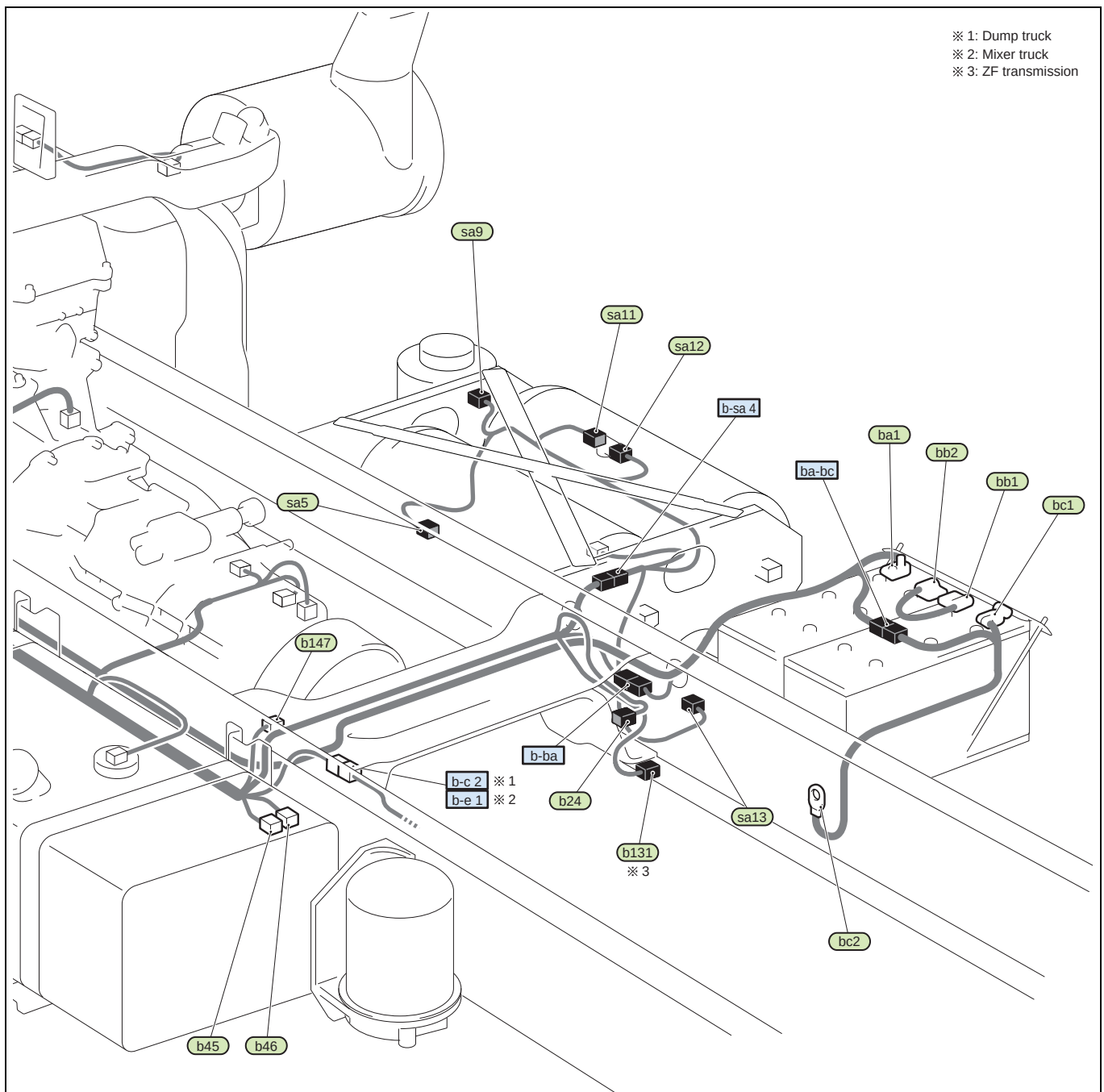
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b1	Starter (Terminal B)	AD	ba2	Starter (Terminal B)	AD
b8	Coolant level switch (Header tank)	BA	ed13	Engine speed sub sensor	GM
b19	Starter relay (Coil)	AD	ed26	Starter relay (Terminal C)	AD
b20	Starter relay (Terminal B)	AD	ed27	Starter (Terminal C)	AD
b23	Vehicle speed sensor	BA	ib1	Fuel injector No.1	GM
b48	Range Hi switch	IB	ib2	Fuel injector No.2	GM
b49	Neutral switch	AD	ib3	Fuel injector No.3	GM
b51	Backup light switch	CF, LG	ib4	Fuel injector No.4	GM
b53	P.T.O. position switch	KA	ib5	Fuel injector No.5	GM
b55	Fuel gauge sender unit	BA	ib6	Fuel injector No.6	GM
b66	Trailer socket	CB, LE	ib7	Engine retarder EGR [Brake F (-)]	GQ
b68	Trailer stop light switch	CB	ib8	Engine retarder EGR [Brake F (+)]	GQ
b84	Spot light	CK	ib9	Engine retarder EGR [Brake R (-)]	GQ
b85	Spot light switch	CK	ib10	Engine retarder EGR [Brake R (+)]	GQ
b143	Earth rear axle	BB, CF, CK, EE, HF, IC, LE, MA	sm1	Air flow sensor	GN
b146	ZF power shift magnetic valve	IC			

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
ed-id	Engine wiring harness-1 to Link-up connector	GM, GQ	id-ib	Link-up connector to Injector wiring harness	GM, GQ
ed-sm	Engine wiring harness-1 to Air flow sensor sub wiring harness	GN			

EG-38 [ENGINE (3 of 3)] (Model: FM1A)



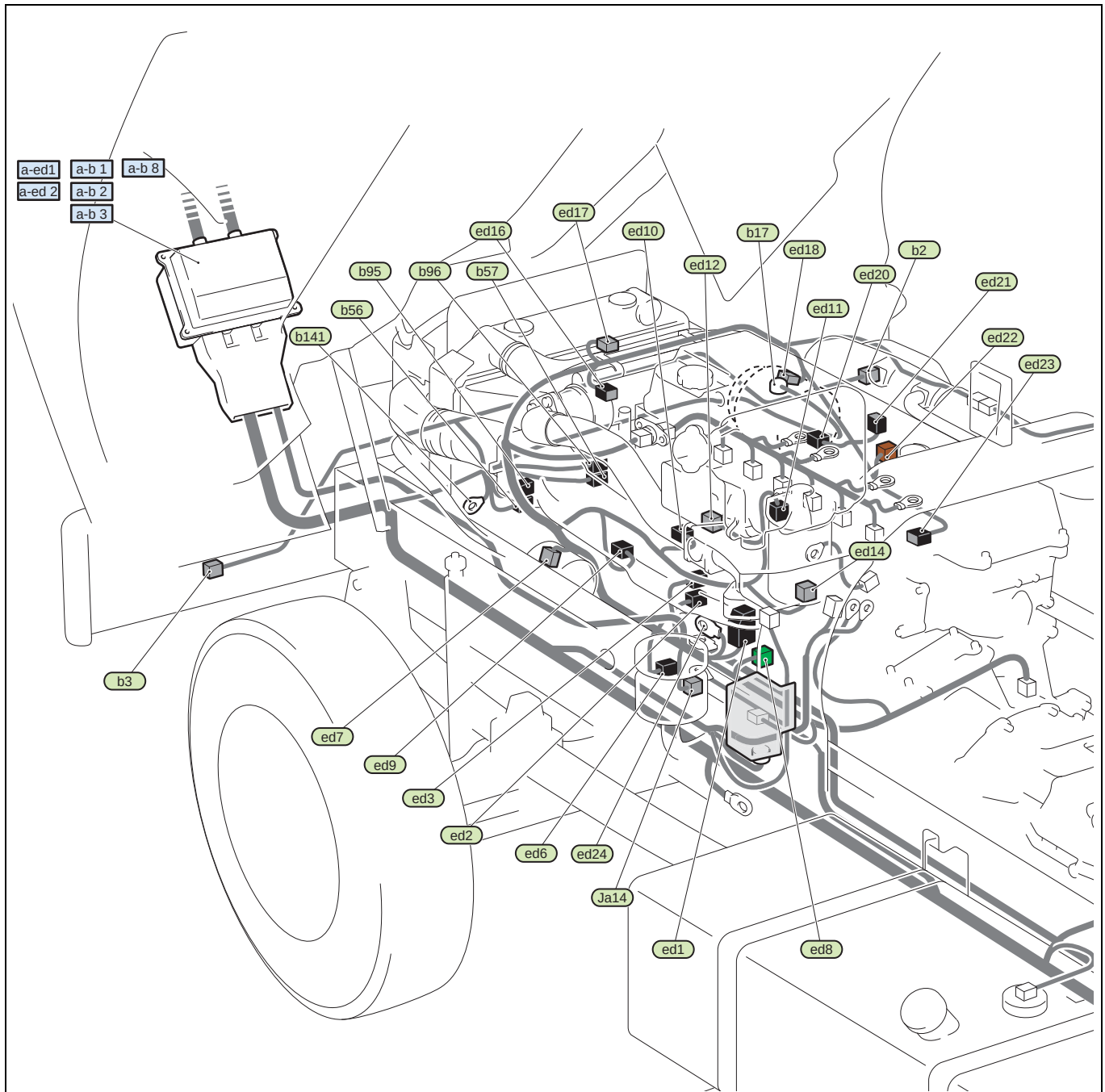
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ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b24	Exhaust brake magnetic valve	GF	bc1	Battery (-) terminal (Battery 1)	AA
b45	Dump up switch	KA	bc2	Battery ground	AA, BA, BG, BI, LG, MA
b46	Service power (Tail)	AB	sa5	Brake adjust switch (Front)	BB
b131	P.T.O. magnetic valve	KA	sa9	Brake fluid level switch	BB
b147	P.T.O. accelerator sensor	GP	sa11	Low pressure switch 3 (Wet)	BB
ba1	Battery (+) terminal (Battery 2)	AA	sa12	Air gauge sensor (Wet)	BB
bb1	Battery (+) terminal (Battery 1)	AA	sa13	Brake adjust switch (Rear)	BB
bb2	Battery (-) terminal (Battery 2)	AA			

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b-c 2	Front wiring harness to Intermediate wiring harness 2	CA, CB, HF, MA	b-sa 4	Front wiring harness to Air tank sub wiring harness 4	BB
b-e 1	Front wiring harness to Intermediate+rear wiring harness 1	CA, CD, CH, HD, HF, LE, MA	ba-bc	Battery cable-1 to Battery cable-3	MA
b-ba	Front wiring harness to Battery cable-1	BA, BG, BI, MA			

EG-39 [ENGINE (1 of 3)] (Model: FM1A for Australia, New Zealand)

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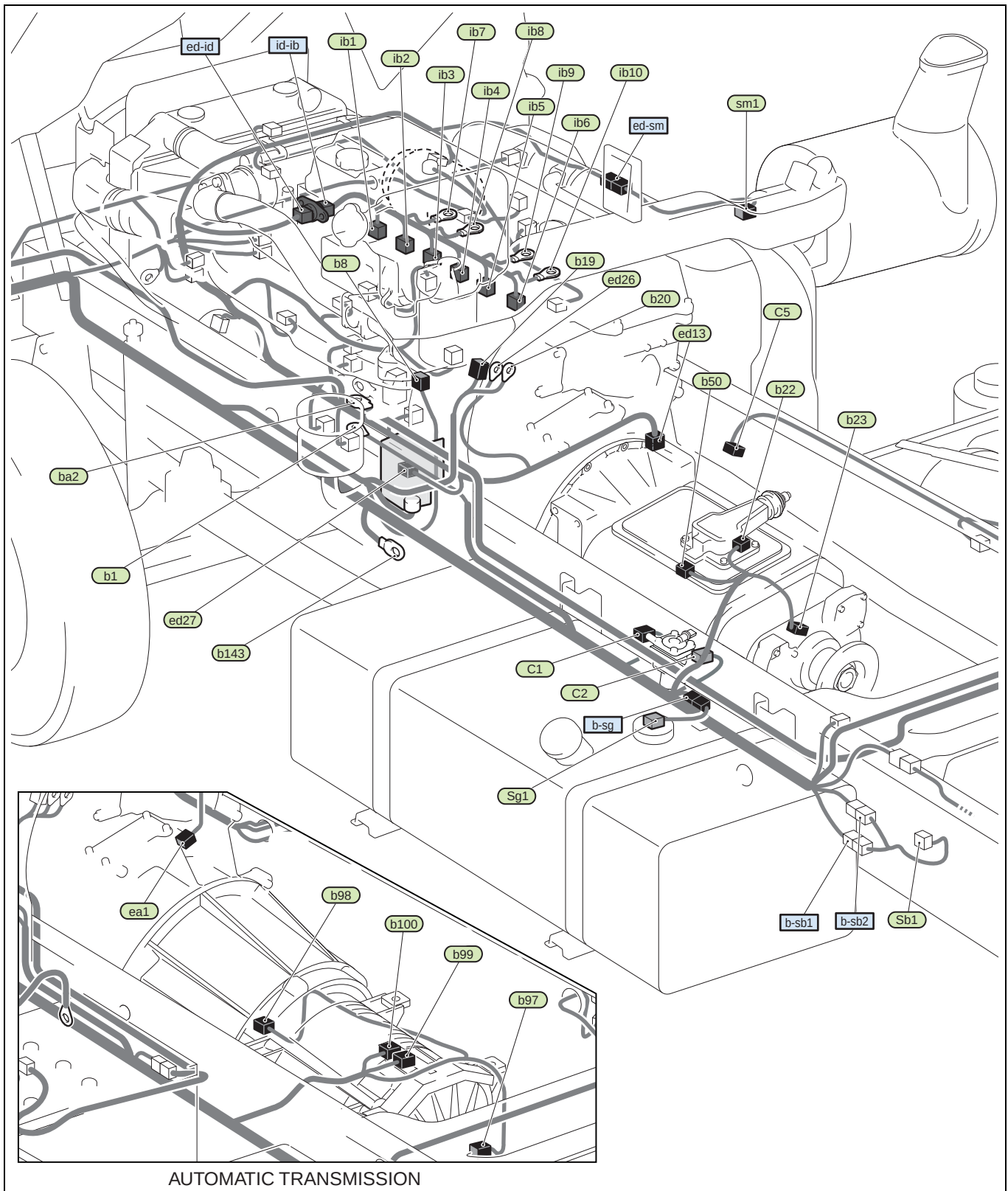
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b2	Headlight RH	CA	ed10	MPROP (Supply pump)	GM
b3	Headlight LH	CA	ed11	Common rail pressure sensor	GM
b17	Alternator (Terminal B)	AH	ed12	EGR control	GO
b56	Horn (High) (Terminal B)	EE	ed14	Fuel filter level sensor	BA
b57	Horn (Low) (Terminal B)	EE	ed16	Boost pressure sensor	GM
b95	Horn (High) (Terminal L)	EE	ed17	EGR coolant temperature sensor	GO
b96	Horn (Low) (Terminal L)	EE	ed18	Coolant temperature sensor	GM
b141	Earth No.1 crossmember	BB, CD, CF, CH, CK, EE, HF, IC, LE, MA	ed20	Alternator (Terminals L, R)	AH
ed1	Engine ECU [89 pin (A09C)]	GM, GO, GP, MA	ed21	Turbine speed sensor	GO
ed2	Engine ECU [36 pin (A09C)]	GM, GN, GO, GP, GQ	ed22	VNT actuator	GO
ed3	Engine ECU [16 pin (A09C)]	GM	ed23	Oil pressure switch	BA
ed6	VNT controller	GO	ed24	Earth injector	GM, MA
ed7	Air conditioner compressor	FA			
ed8	Fuel temperature sensor	GM	Ja14	J/C Engine CAN	GM
ed9	Engine speed main sensor	GM			

WIRE TO WIRE CONNECTORM

No.	Name	Circuit	No.	Name	Circuit
a-b 1	Cab main wiring harness to Front wiring harness 1	AA, AB, AD, BA, BG, BI, CA, CB, CD, CF, CH, CI, GM, LA, LE, LG, MA	a-b 8	Cab main wiring harness to Front wiring harness 8	GP
a-b 2	Cab main wiring harness to Front wiring harness 2	AA, AD, BA, BB, CB, CD, CK, EE, FA, GM, HD, HF, IC, KA, LE, MA	a-ed 1	Cab main wiring harness to Engine wiring harness-1_1	AD, AH, BA, FA, GM, GO, GP, KA, LA, LB, LG, MA
a-b 3	Cab main wiring harness to Front wiring harness 3	ID	a-ed 2	Cab main wiring harness to Engine wiring harness-1_2	FA, GP

EG-40 [ENGINE (2 of 3)] (Models: FM1A for Australia, New Zealand)

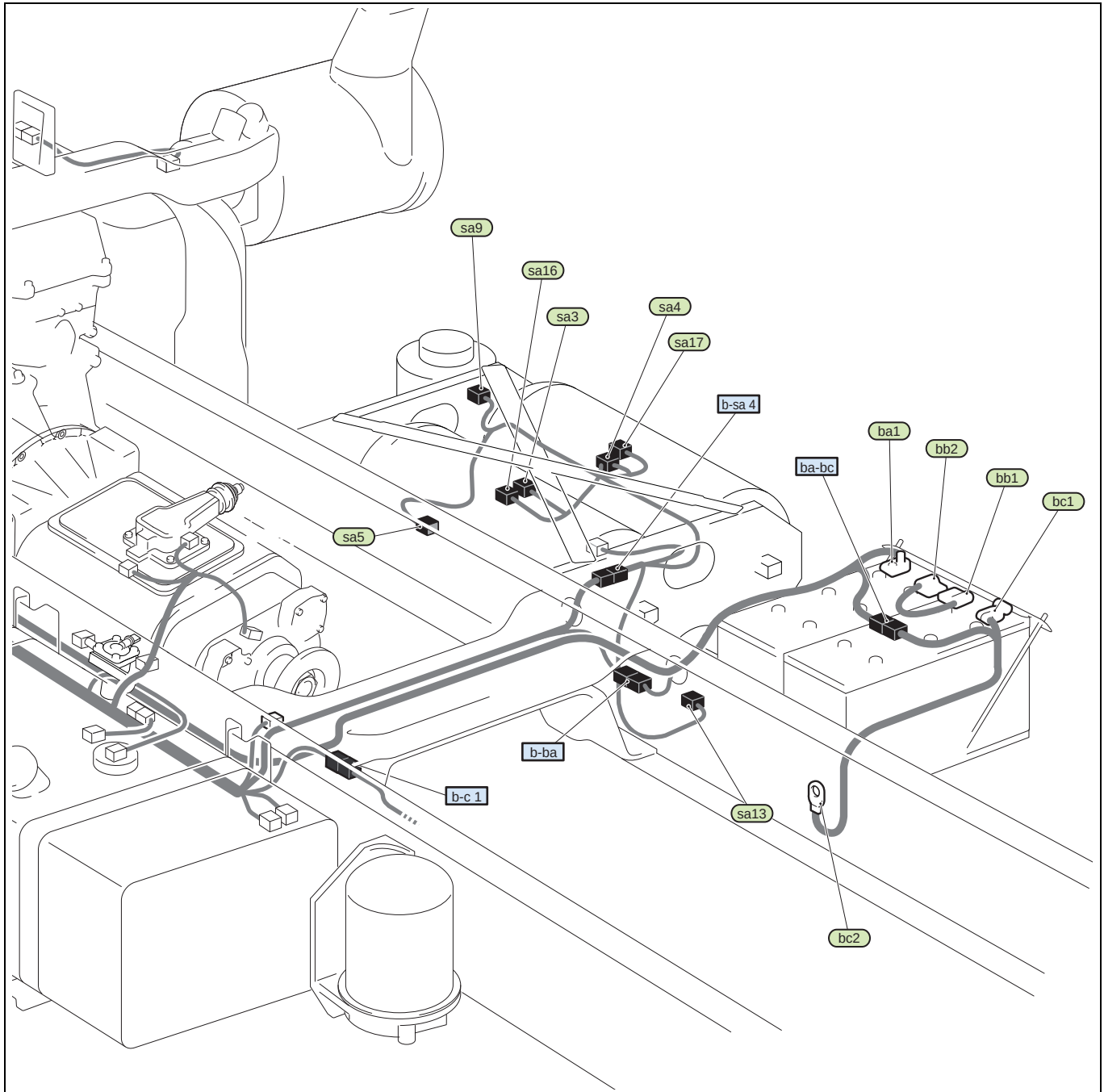


ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b1	Starter (Terminal B)	AD	ed13	Engine speed sub sensor	GM
b8	Coolant level switch (Header tank)	BA	ed26	Starter relay (Terminal C)	AD
b19	Starter relay (Coil)	AD	ed27	Starter (Terminal C)	AD
b20	Starter relay (Terminal B)	AD	ib1	Fuel injector No.1	GM
b22	Backup light switch	CF, LG	ib2	Fuel injector No.2	GM
b23	Vehicle speed sensor	BA	ib3	Fuel injector No.3	GM
b50	Neutral switch	AD	ib4	Fuel injector No.4	GM
b97	Output speed sensor	ID	ib5	Fuel injector No.5	GM
b98	Engine speed sensor	ID	ib6	Fuel injector No.6	GM
b99	Automatic transmission main unit 2	ID	ib7	Engine retarder EGR [Brake F (-)]	GQ
b100	Automatic transmission main unit 1	ID, LC	ib8	Engine retarder EGR [Brake F (+)]	GQ
b143	Earth rear axle	BB, CD, CF, CH, EE, HF, MA	ib9	Engine retarder EGR [Brake R (-)]	GQ
ba2	Starter (Terminal B)	AD	ib10	Engine retarder EGR [Brake R (+)]	GQ
c1	Buzzer cancel switch	BC	sb1	Automatic transmission ECU	ID
c2	Spring brake switch	BC	sg1	Fuel gauge sender unit	BA
c5	Differential lock magnetic valve	HF	sm1	Air flow sensor	GN
ea1	Engine speed main sensor	GD			

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b-sb 1	Front wiring harness to Automatic transmission sub wiring harness 1	ID	ed-id	Engine wiring harness-1 to Link-up connector	GM, GQ
b-sb 2	Front wiring harness to Automatic transmission sub wiring harness 2	ID, LC	ed-sm	Engine wiring harness-1 to Air flow sensor sub wiring harness	GN
b-sg	Front wiring harness to Fuel tank sub wiring harness	BA	id-ib	Link-up connector to Injector wiring harness	GM, GQ

EG-41 [ENGINE (3 of 3)] (Model: FM1A for Australia, New Zealand)

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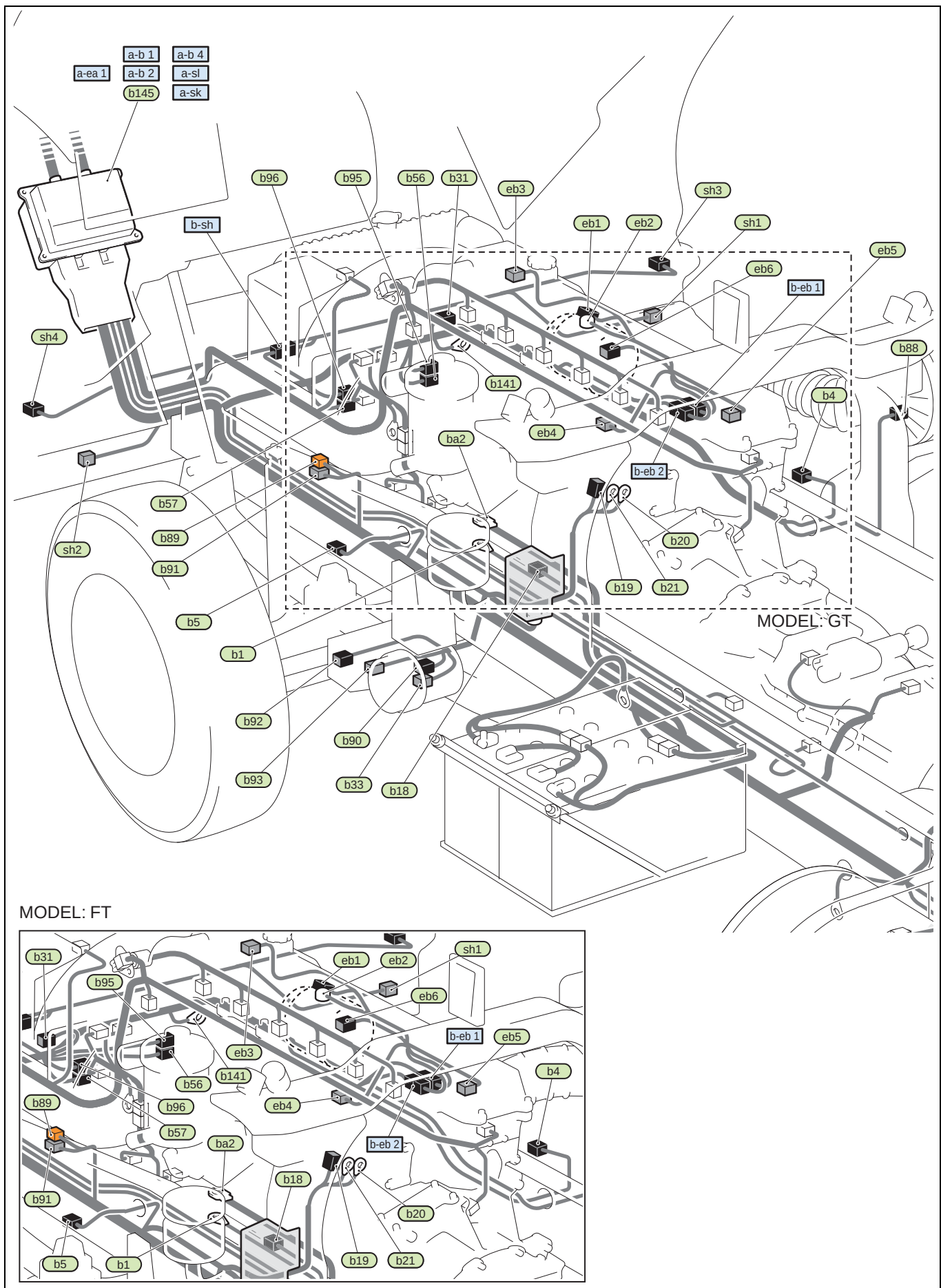
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
ba1	Battery (+) terminal (Battery 2)	AA	sa4	Air gauge sensor (Rear)	BB
bb1	Battery (+) terminal (Battery 1)	AA	sa5	Brake adjust switch (Front)	BB
bb2	Battery (-) terminal (Battery 2)	AA	sa9	Brake fluid level switch	BB
bc1	Battery (-) terminal (Battery 1)	AA	sa13	Brake adjust switch (Rear)	BB
bc2	Battery ground	AA, BA, BI, LG, MA	sa16	Low pressure switch 2(Front)	BB
sa3	Air gauge sensor (Front)	BB	sa17	Low pressure switch 3 (Rear)	BB

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b-c 1	Front wiring harness to Intermediate wiring harness 1	CA, CB, CC, CF, CI, CJ, EM, HA, HB, HF, MA	ba-bc	Battery cable-1 to Battery cable-3	MA
b-ba	Front wiring harness to Battery cable-1	BA, BG, BI, MA	b-sa 4	Front wiring harness to Air tank sub wiring harness 4	BB

EG-42 [ENGINE (1 of 3)] (Models: FT, GT single cab)



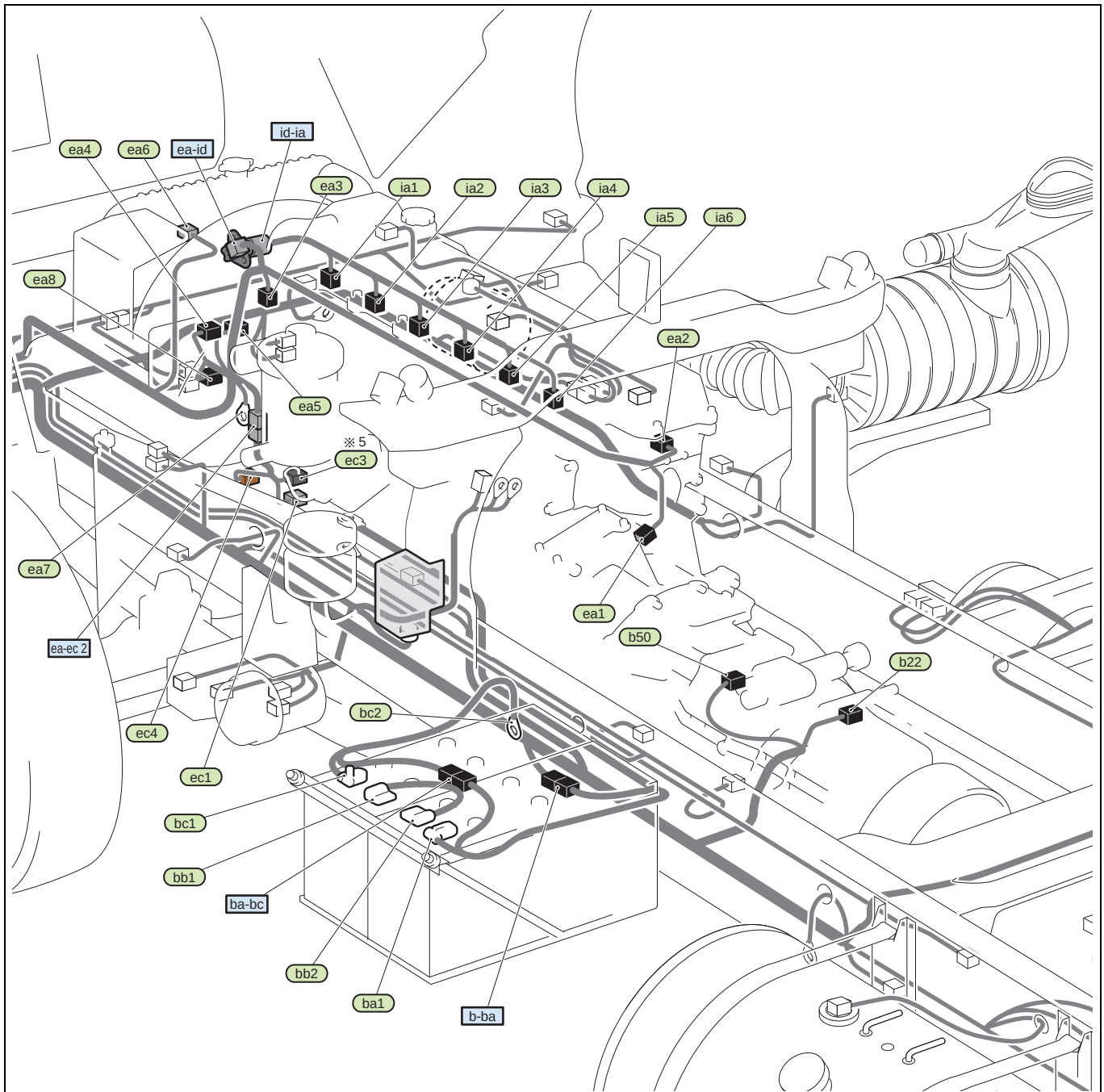
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b1	Starter (Terminal B)	AD	b93	Cab tilt relay	JA
b4	Wheel sensor (Front RH)	HA	b95	Horn (High) (Terminal L)	EE
b5	Wheel sensor (Front LH)	HA	b96	Horn (Low) (Terminal L)	EE
b18	Starter (Terminal C)	AD	b141	Earth No.1 crossmember	BB, BC, CD, CF, CH, EE, EM, HA, JA, LD, LF, MA
b19	Starter relay (Coil)	AD	b145	Cab tilt diode No.1	JA
b20	Starter relay (Terminal B)	AD	ba2	Starter (Terminal B)	AD
b21	Starter relay (Terminal C)	AD	eb1	Alternator (Terminals L, R)	AH
b31	Cab tilt buzzer	JA	eb2	Alternator (Terminal B)	AH
b33	Cab tilt motor	JA	eb3	Coolant temperature sensor	GD
b56	Horn (High) (Terminal B)	EE	eb4	Air conditioner compressor	FA
b57	Horn (Low) (Terminal B)	EE	eb5	Oil pressure switch	BA
b88	Air flow sensor	GD	eb6	VNT controller	GD
b89	Cab tilt stroke switch	JA	sh1	Headlight RH	CA
b90	Cab tilt position switch	JA	sh2	Headlight LH	CA
b91	Cab tilt stop switch	JA	sh3	Headlight beam control actuator RH	CE
b92	Cab tilt switch	JA	sh4	Headlight beam control actuator LH	CE

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-b 1	Cab main wiring harness to Front wiring harness 1	AA, AB, AD, AH, BA, CA, CB, CD, CE, CF, CH, CI, EM, GD, GF, JA, LA, LD, LF, MA	a-sl	Cab main wiring harness to Working accelerator sensor sub wiring harness	GL
a-b 2	Cab main wiring harness to Front wiring harness 2	AA, AD, BA, BB, BC, EE, EM, FA, HA, JA, KA, LD, MA	b-eb 1	Front wiring harness to Engine wiring harness-2_1	AH, BA, FA, GD
a-b 4	Cab main wiring harness to Front wiring harness 4	AA, HA	b-eb 2	Front wiring harness to Engine wiring harness-2_2	AH
a-ea 1	Cab main wiring harness to Engine wiring harness-1_1	BA, EN, GD, GK, MA	b-sh	Front wiring harness to Headlight sub wiring harness	CA, CE
a-sk	Cab man wiring harness to P.T.O. sub wiring harness	KA			

EG-43 [ENGINE (2 of 3)] (Models: FT, GT single cab)



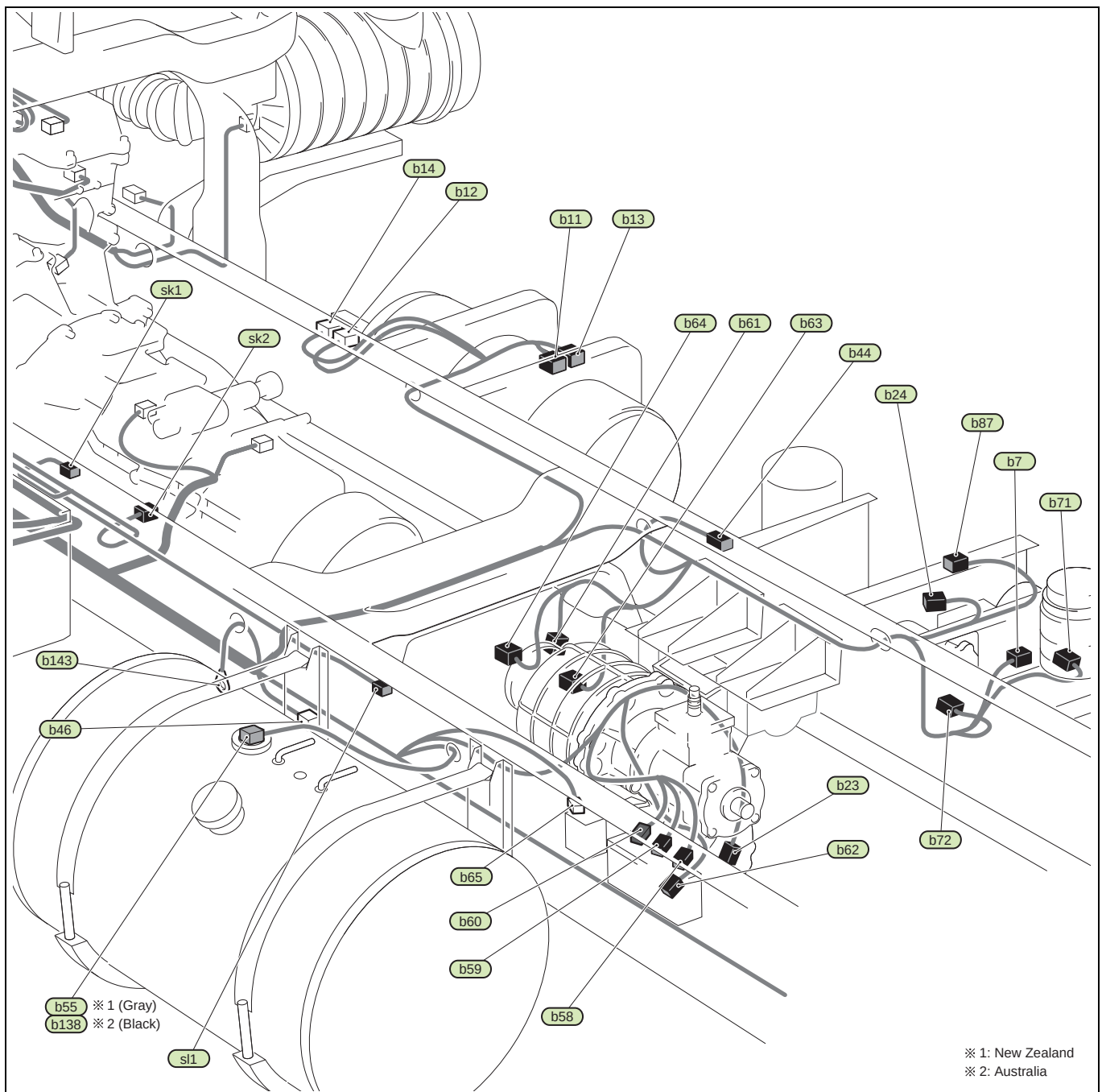
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ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b22	Backup light switch	CF	ea6	Coolant level switch	BA, EN
b50	Neutral switch	AD	ea7	Earth injector	BA, EN, GD, MA
ba1	Battery (+) terminal (Battery 2)	AA	ea8	Boost pressure sensor	GD
bb1	Battery (+) terminal (Battery 1)	AA	ec1	Fuel filter level sensor	BA
bb2	Battery (-) terminal (Battery 2)	AA	ec3	Fuel temperature sensor	GD
bc1	Battery (-) terminal (Battery 1)	AA	ec4	SCV (Suction Control Valve)	GD
bc2	Battery ground	AA, BA, LD, MA	ia1	Fuel injector No.1	GD
ea1	Engine speed main sensor	GD	ia2	Fuel injector No.2	GD
ea2	Engine speed sub sensor	GD	ia3	Fuel injector No.3	GD
ea3	Common rail pressure sensor	GD	ia4	Fuel injector No.4	GD
ea4	EGR valve 1	GD	ia5	Fuel injector No.5	GD
ea5	EGR valve 2	GD	ia6	Fuel injector No.6	GD

WIRE TO WIRE CONNECTOR

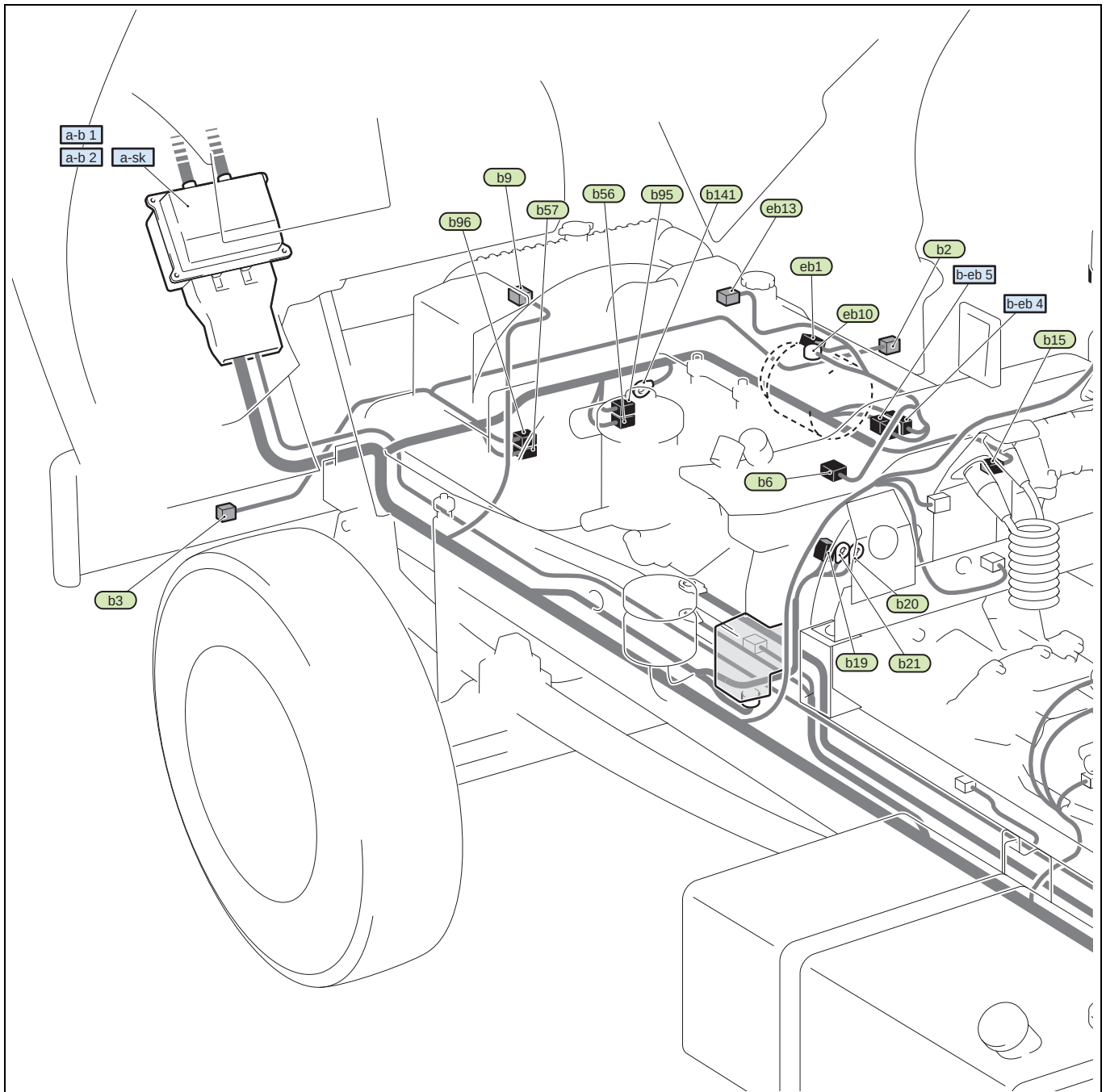
No.	Name	Circuit	No.	Name	Circuit
b-ba	Front wiring harness to Battery cable-1	BA, LD, MA	ea-id	Engine wiring harness-1 to Link-up connector	GD
ba-bc	Battery cable-1 to Battery cable-3	MA	id-ia	Link-up connector to Injector wiring harness	GD
ea-ec 2	Engine wiring harness-1 to Engine wiring harness-3_2	BA, GD			

EG-44 [ENGINE (3 of 3)] (Models: FT, GT single cab)

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ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b7	Brake fluid level switch	BB	b61	High detection switch	LD
b11	Low pressure switch 2	BB	b62	Low detection switch	LD
b12	Low pressure switch 3	BB	b63	4WD detection switch	LD
b13	Air gauge sensor (Front)	BB	b64	Neutral switch	LD
b14	Air gauge sensor (Rear)	BB	b65	Transfer control magnetic valve (Holding low position)	LD
b23	Vehicle speed sensor	BA	b71	Brake adjust switch (Front)	BB
b24	Exhaust brake magnetic valve	GF	b72	Brake adjust switch (Rear)	BB
b44	Air dryer heater	LF	b87	Hydraulic unit	HA
b46	Service power (Tail)	AB	b138	Fuel gauge sender unit	BA
b55	Fuel gauge sender unit	BA	b143	Earth rear axle	BB, BC, CD, CF, CH, EE, EM, HA, JA, LD, LF, MA
b58	Transfer control magnetic valve (Holding)	LD	sk1	P.T.O. position switch	KA
b59	Transfer control magnetic valve (4WD/2WD change)	LD	sk2	P.T.O. magnetic valve	KA
b60	Transfer control magnetic valve (High/Low change)	LD	sl1	P.T.O. accelerator sensor	GL

EG-45 [ENGINE (1 of 3)] (Model: SG)

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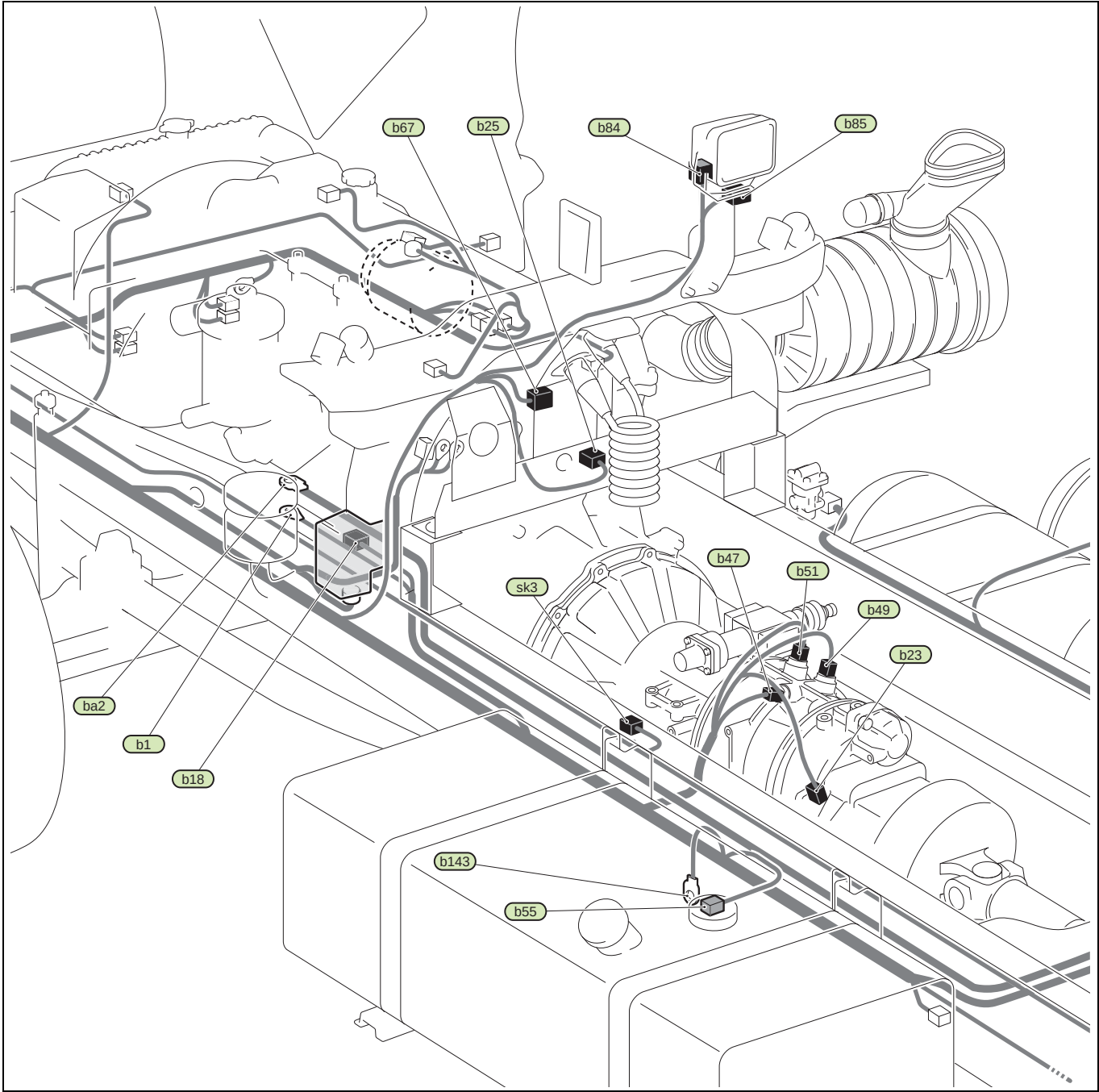
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b2	Headlight RH	CA	b56	Horn (High) (Terminal B)	EE
b3	Headlight LH	CA	b57	Horn (Low) (Terminal B)	EE
b6	Air conditioner compressor	FA	b95	Horn (High) (Terminal L)	EE
b9	Coolant level switch	BE	b96	Horn (Low) (Terminal L)	EE
b15	Oil pressure switch	BE	b141	Earth No.1 crossmember	BE, CF, CK, EE, GG, MA
b19	Starter relay (Coil)	AD	eb1	Alternator (Terminals L, R)	AH
b20	Starter relay (Terminal B)	AD	eb10	Alternator (Terminal B)	AH
b21	Starter relay (Terminal C)	AD	eb13	Coolant temperature gauge sender unit	BE

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
a-b 1	Cab main wiring harness to Front wiring harness 1	AA, AB, AD, AH, BD, BE, BG, CA, CB, CF, CI, GG, IA, LE, MA	b-eb 4	Front wiring harness to Engine wiring harness-2_4	AH, BE
a-b 2	Cab main wiring harness to Front wiring harness 2	AA, AD, BD, BE, CB, CK, EE, FA, KB, LE, MA	b-eb 5	Front wiring harness to Engine wiring harness-2_5	AH
a-sk	Cab main wiring harness to P.T.O. sub wiring harness	KB			

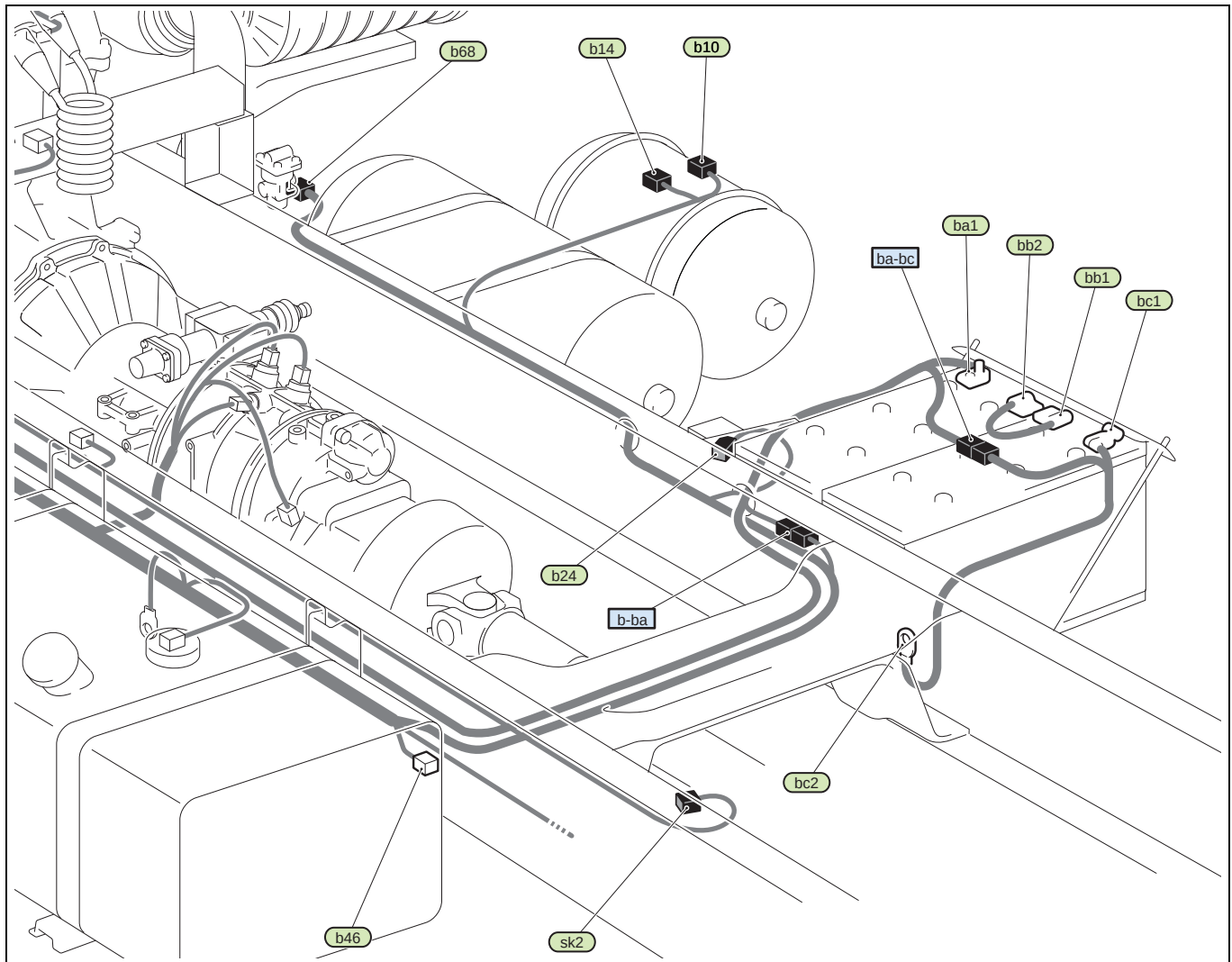
EG-46 [ENGINE (2 of 3)] (Model: SG)



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ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b1	Starter (Terminal B)	AD	b55	Fuel gauge sender unit	BE
b18	Starter (Terminal C)	AD	b67	Trailer socket	CB, LE
b23	Vehicle speed sensor	BE	b84	Spot light	CK
b25	Tachometer sensor	BE	b85	Spot light switch	CK
b47	Range Lo switch	IA	b143	Earth rear axle	BE, CF, CK, EE, GG, LE, MA
b49	Neutral switch	AD	ba2	Starter (Terminal B)	AD
b51	Backup light switch	CF	sk3	P.T.O. position switch	KB

EG-47 ENGINE (3 of 3)] (Model: SG)

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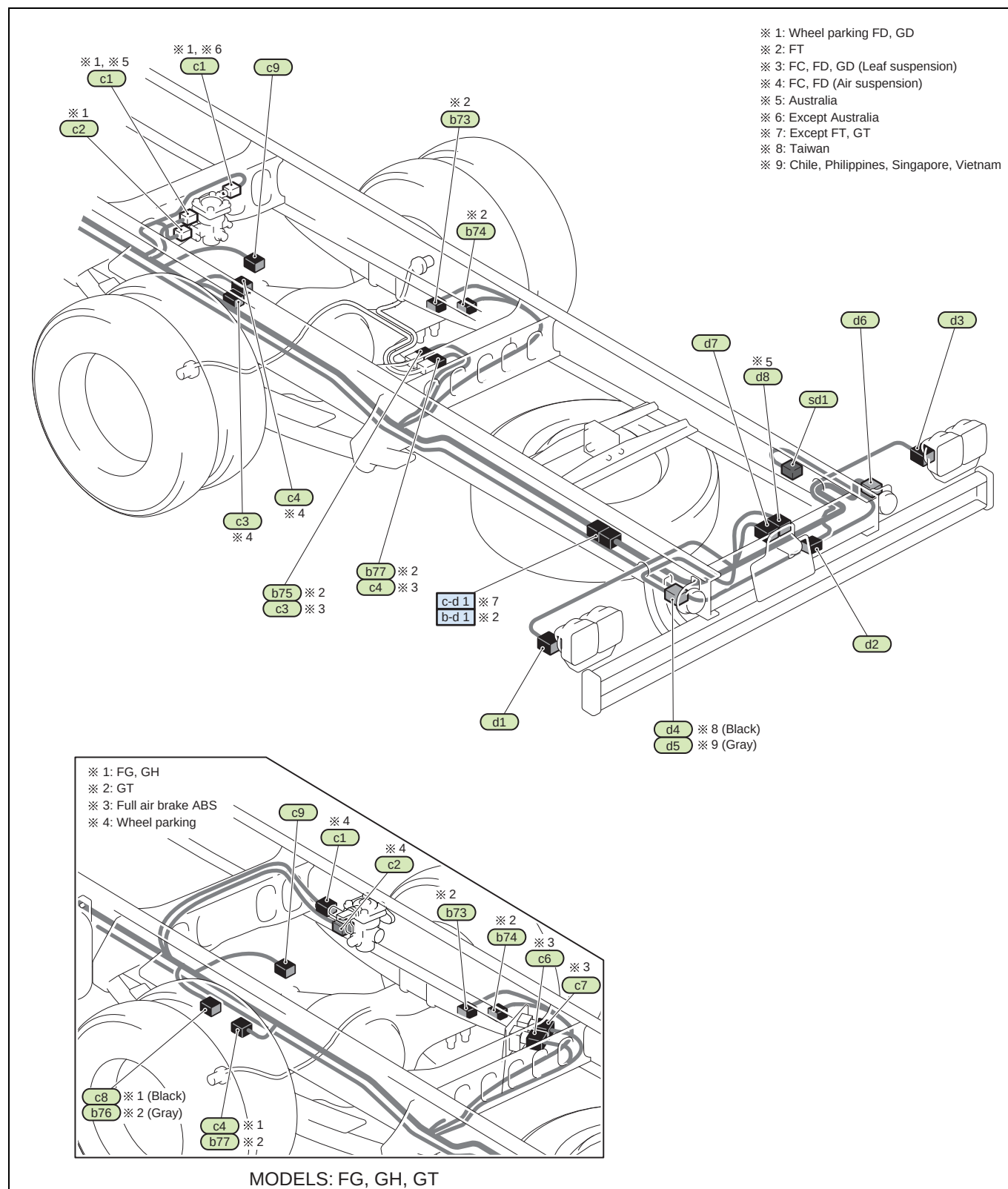
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b10	Low pressure switch 1	BE	bb1	Battery (+) terminal (Battery 1)	AA
b14	Air gauge sensor	BE	bb2	Battery (-) terminal (Battery 2)	AA
b24	Exhaust brake magnetic valve	GG	bc1	Battery (-) terminal (Battery 1)	AA
b46	Service power (Tail)	AB	bc2	Battery ground	AA, BE, BG, MA
b68	Trailer stop light switch	CB	sk2	P.T.O. magnetic valve	KB
ba1	Battery (+) terminal (Battery 2)	AA			

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b-ba	Front wiring harness to Battery cable-1	BE, BG, MA	ba-bc	Battery cable-1 to Battery cable-3	MA

RR-1 (REAR) (Models: FC, FD, GD, FG, GH)



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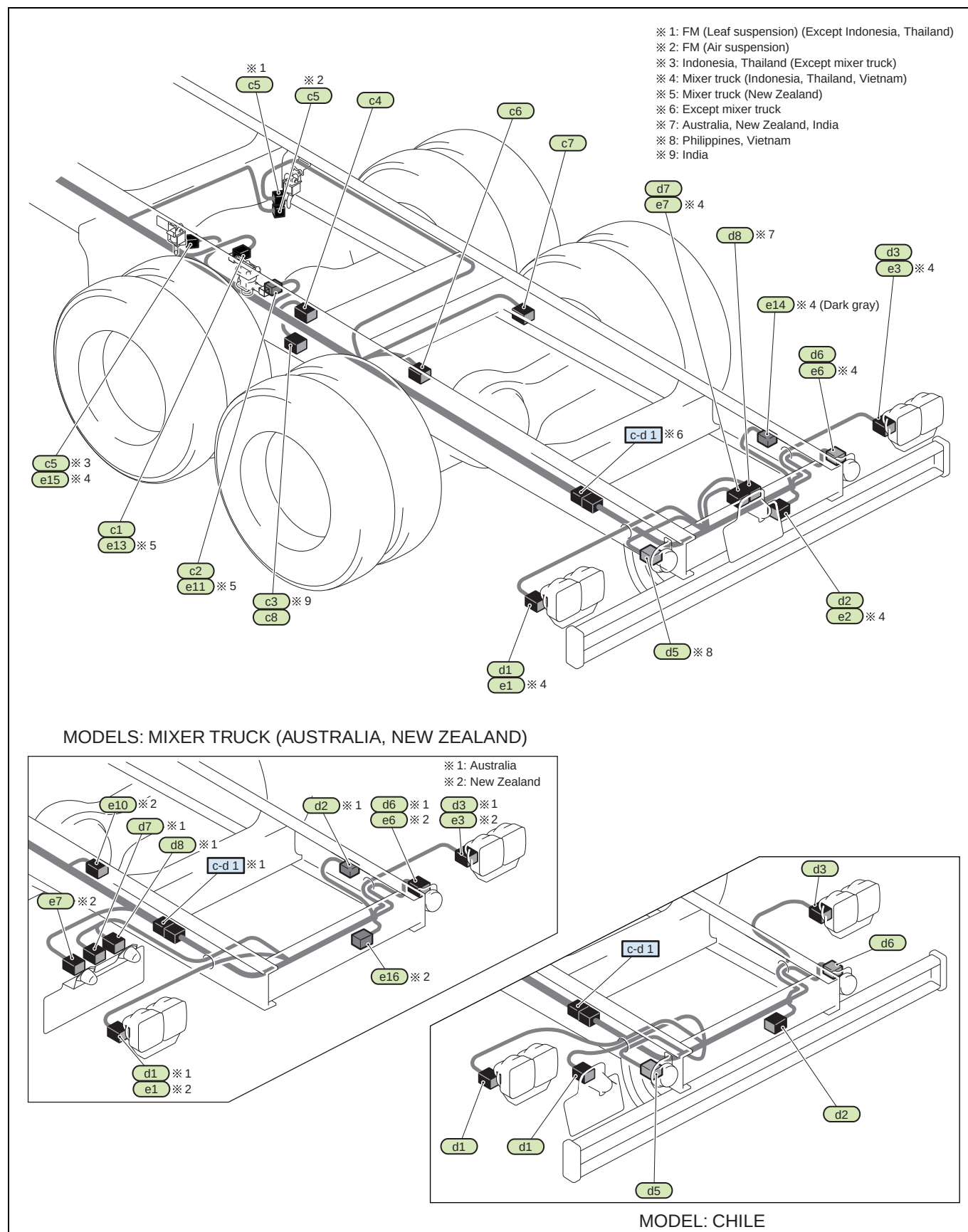
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b73	Buzzer cancel switch	BC	c8	Wheel sensor (Rear RH)	HB
b74	Spring brake switch	BC	c9	Vehicle height sensor (Rear)	CJ
b75	Wheel sensor (Rear RH)	HA	d1	Rear combination light LH	CB, CC, EM
b76	Wheel sensor (Rear RH)	HA	d2	Back buzzer	CF
b77	Wheel sensor (Rear LH)	HA	d3	Rear combination light RH	CB, CC, EM
c1	Buzzer cancel switch	BC	d4	Backup light 1 [Direct coupled type (Taiwan)]	CF
c2	Spring brake switch	BC	d5	Backup light 2	CF
c3	Wheel sensor (Rear RH)	HA	d6	Backup light 1 [Lead wire type (Except Taiwan)]	CF
c4	Wheel sensor (Rear LH)	HA, HB	d7	License plate light 1	CF
c6	Modulator (Rear LH)	HB	d8	License plate light 2	CF
c7	Modulator (Rear RH)	HB	sd1	Brake lock buzzer	HD

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
c-d 1	Intermediate wiring harness to Rear wiring harness 1	BC, CA, CB, CC, CF, EM, HB, MA	b-d 1	Front (+Intermediate) wiring harness to Rear wiring harness 1	CD, CH, EM, MA

RR-2 (REAR) [Models: FL, FM (Except tractor)]



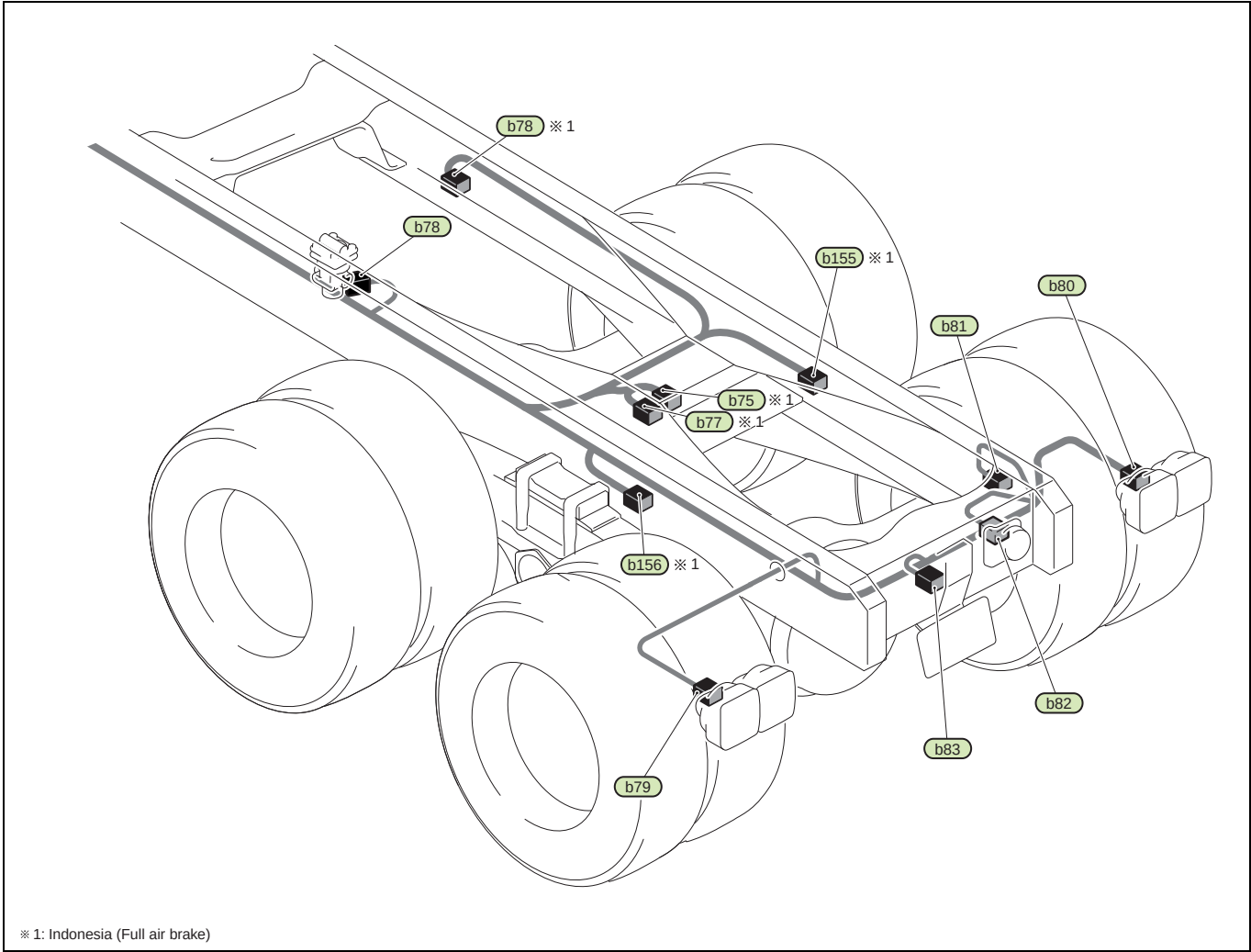
ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
c1	Buzzer cancel switch	BC	d8	License plate light 2	CF
c2	Spring brake switch	BC	e1	Rear combination light LH	CD
c4	Wheel sensor (Rear LH)	HB	e2	Back buzzer	CH
c5	Differential lock magnetic valve	HF	e3	Rear combination light RH	CD
c6	Modulator (Rear LH)	HB	e6	Backup light 1	CH
c7	Modulator (Rear RH)	HB	e7	License plate light 1	CH
c8	Wheel sensor (Rear RH)	HB	e10	Trailer stop light switch	CD
d1	Rear combination light LH	CB, EM	e11	Spring brake switch	BC
d2	Back buzzer	CF	e13	Buzzer cancel switch	BC
d3	Rear combination light RH	CB, EM	e14	Brake lock buzzer	HD
d5	Backup light 2	CF	e15	Differential lock magnetic valve	HF
d6	Backup light 1	CF	e16	Trailer socket	LE
d7	License plate light 1	CF			

WIRE TO WIRE CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
c-d 1	Intermediate wiring harness to Rear wiring harness 1	BC, CA, CB, CF, EM, HB, HF, MA			

RR-3 (REAR) (Model: FM tractor)

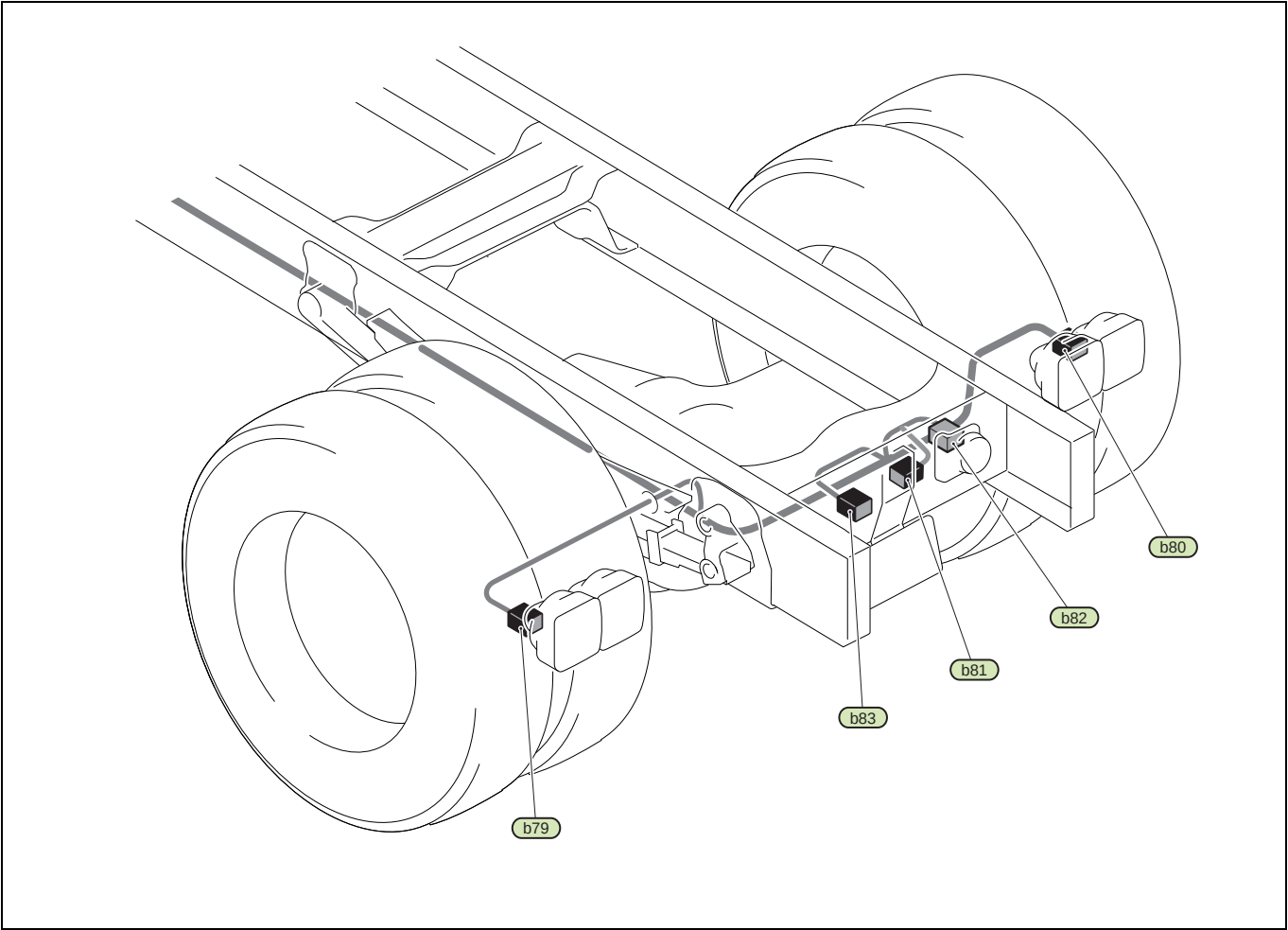


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ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b75	Wheel sensor (Rear RH)	HA	b81	Back buzzer	CF
b77	Wheel sensor (Rear LH)	HA	b82	Backup light	CF
b78	Differential lock magnetic valve	HF	b83	License plate light	CF
b79	Rear combination light LH	CB	b155	Modulator (Rear RH)	HB
b80	Rear combination light RH	CB	b156	Modulator (Rear LH)	HB

RR-4 (REAR) (Model: SG)



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ELECTRICAL EQUIPMENT CONNECTOR AND JUNCTION CONNECTOR

No.	Name	Circuit	No.	Name	Circuit
b79	Rear combination light LH	CB	b82	Backup light	CF
b80	Rear combination light RH	CB	b83	License plate light	CF
b81	Back buzzer	CF			

RELAY LOCATION

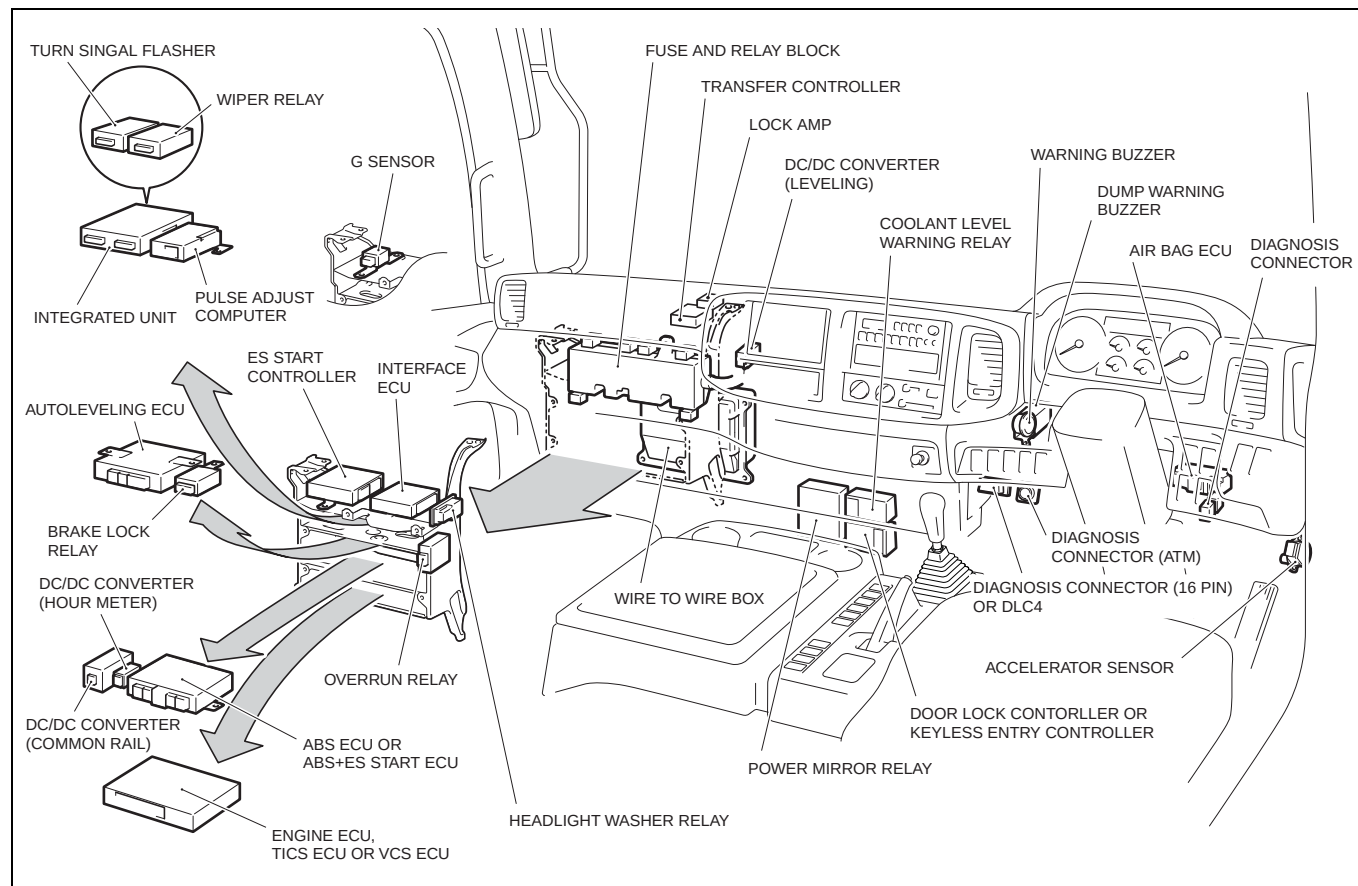
EN12Z1602J100007

NOTICE

There is a case that the following figures are different from that for your vehicle in the devices locations due to the model or specification.

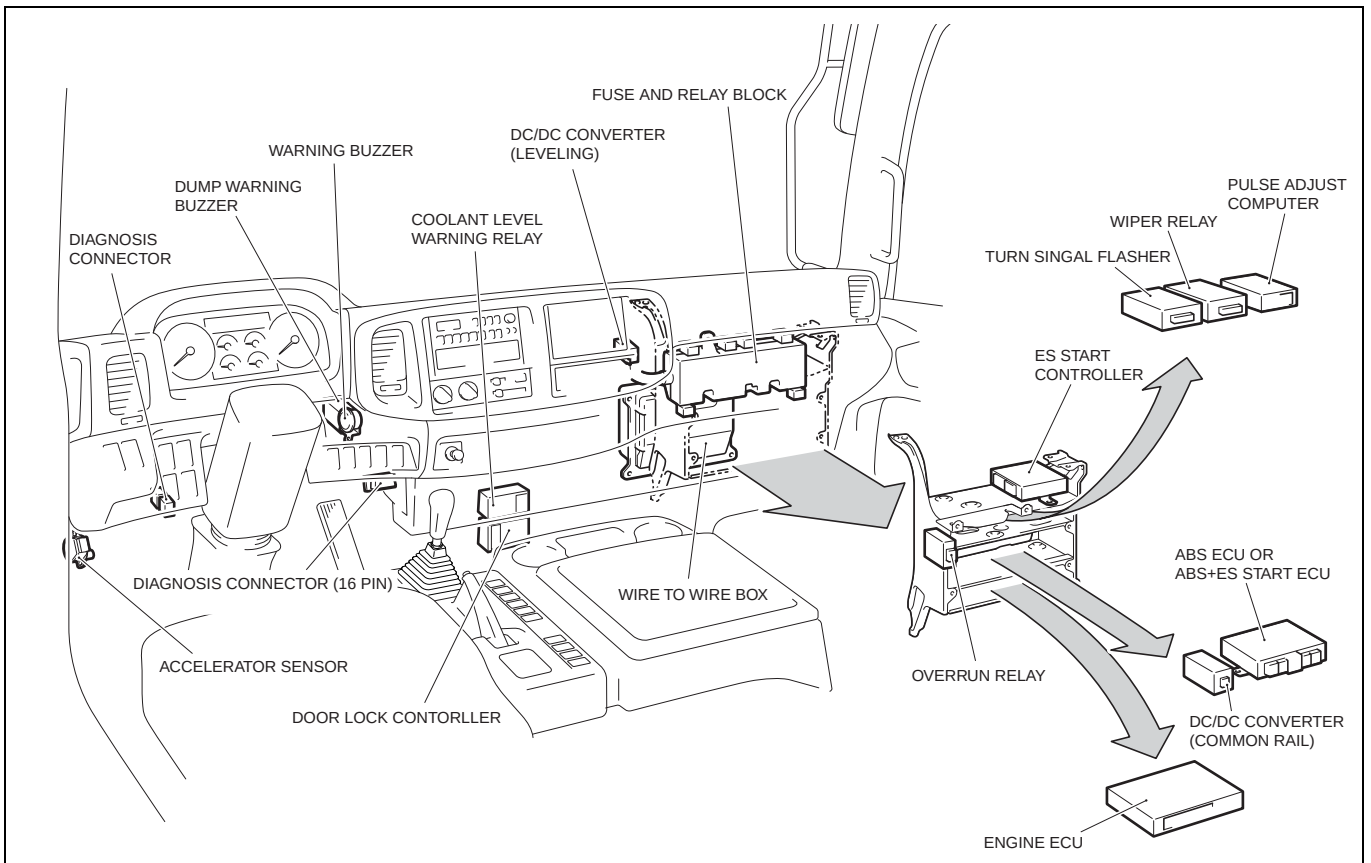
INSTRUMENT PANEL

• RIGHT-HAND DRIVE MODEL



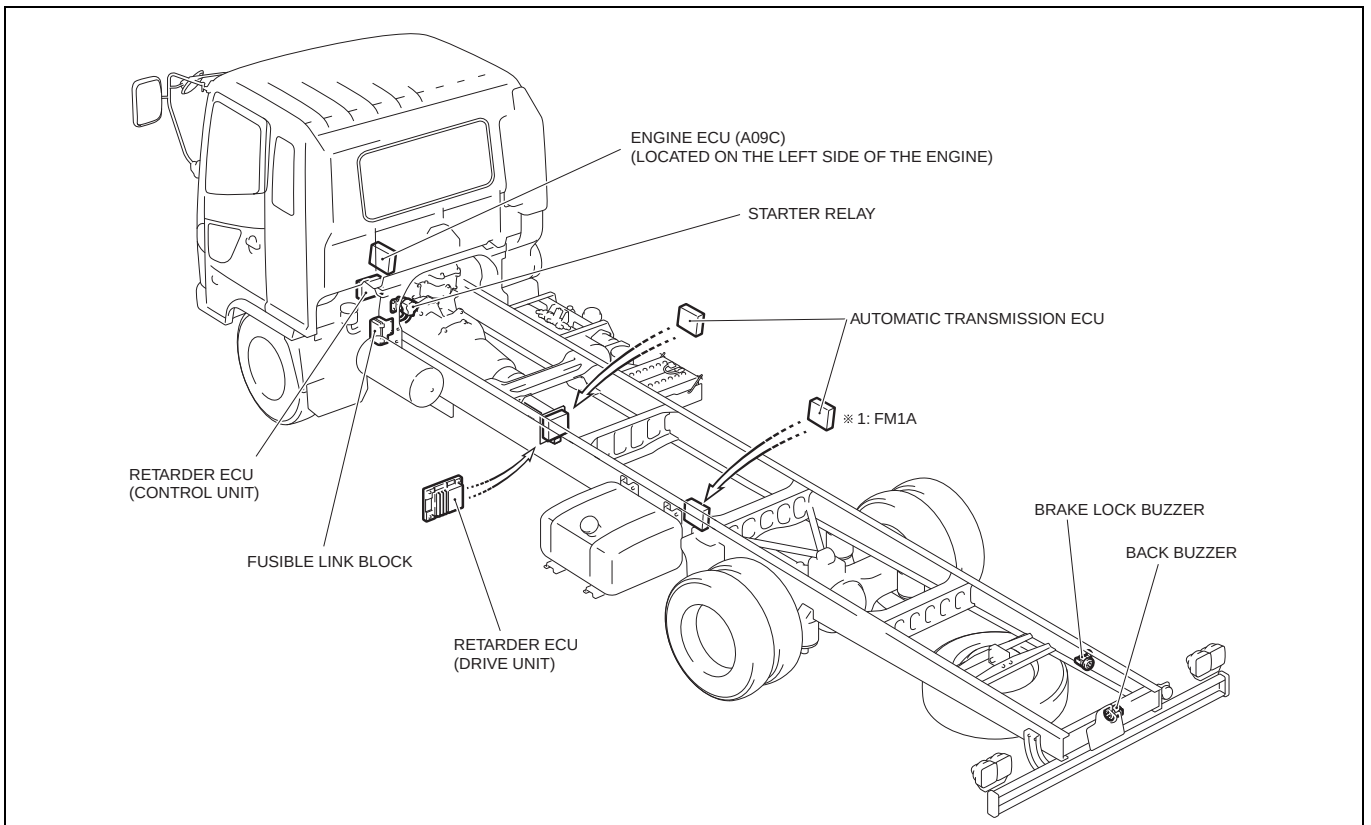
SHTS12Z160200269

• LEFT-HAND DRIVE MODEL



SHTS12Z160200270

CHASSIS



SHTS12Z160200271

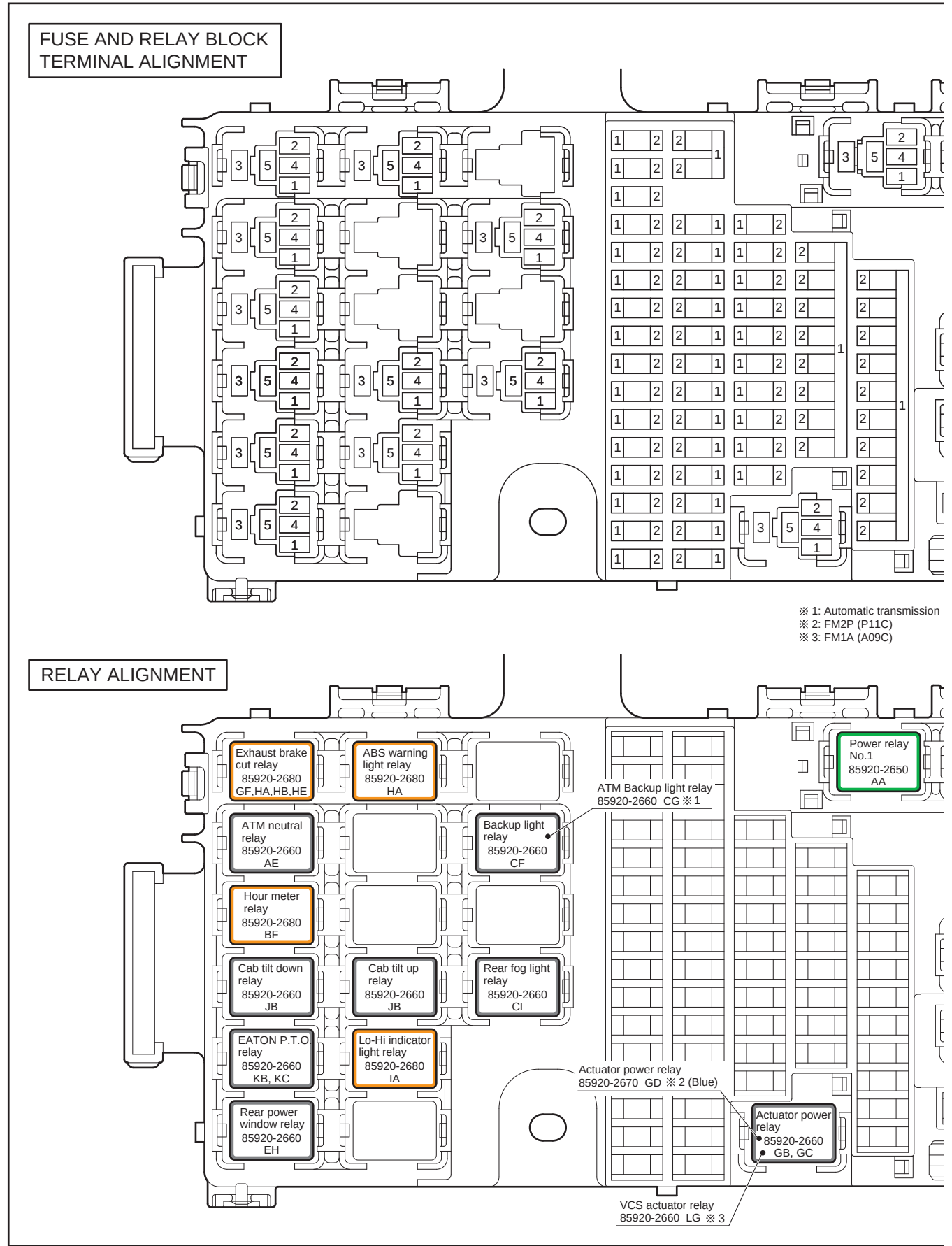
FUSE AND RELAY BLOCK

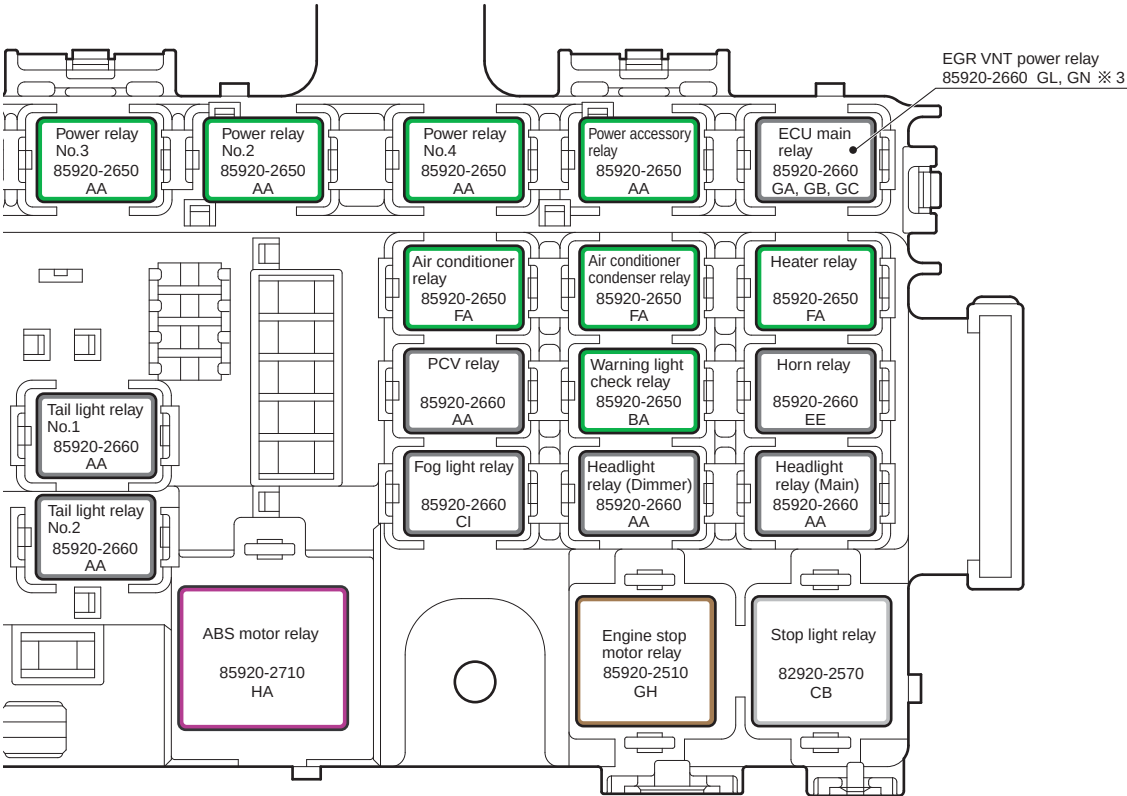
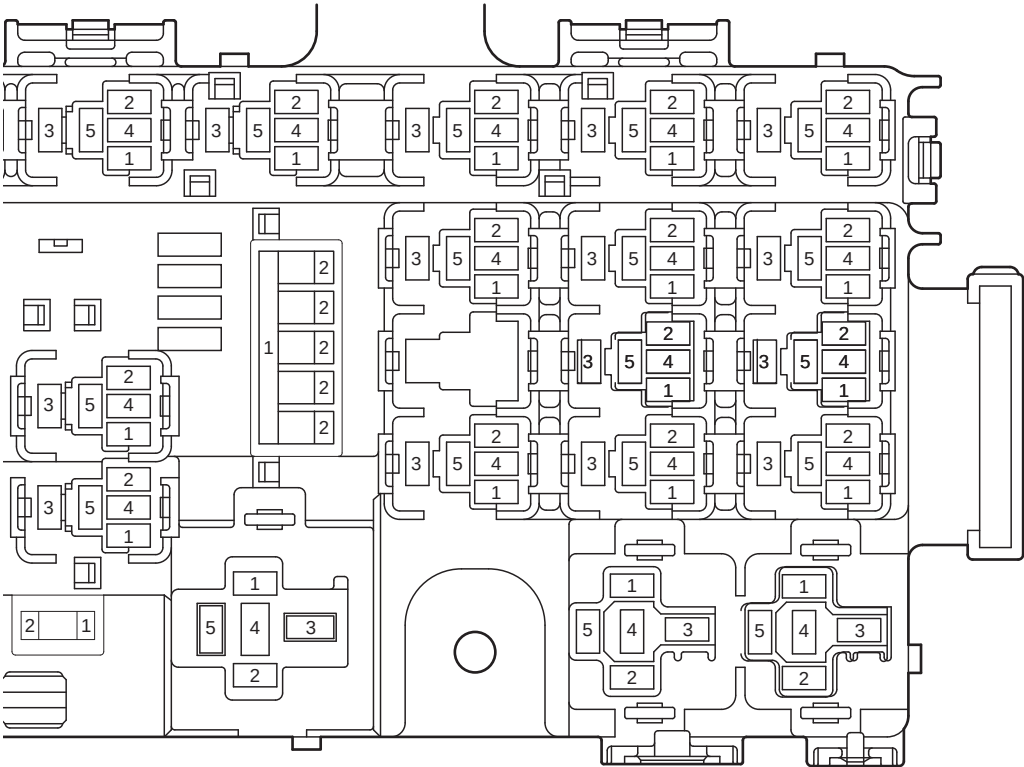
EN12Z1602J100008

NOTICE

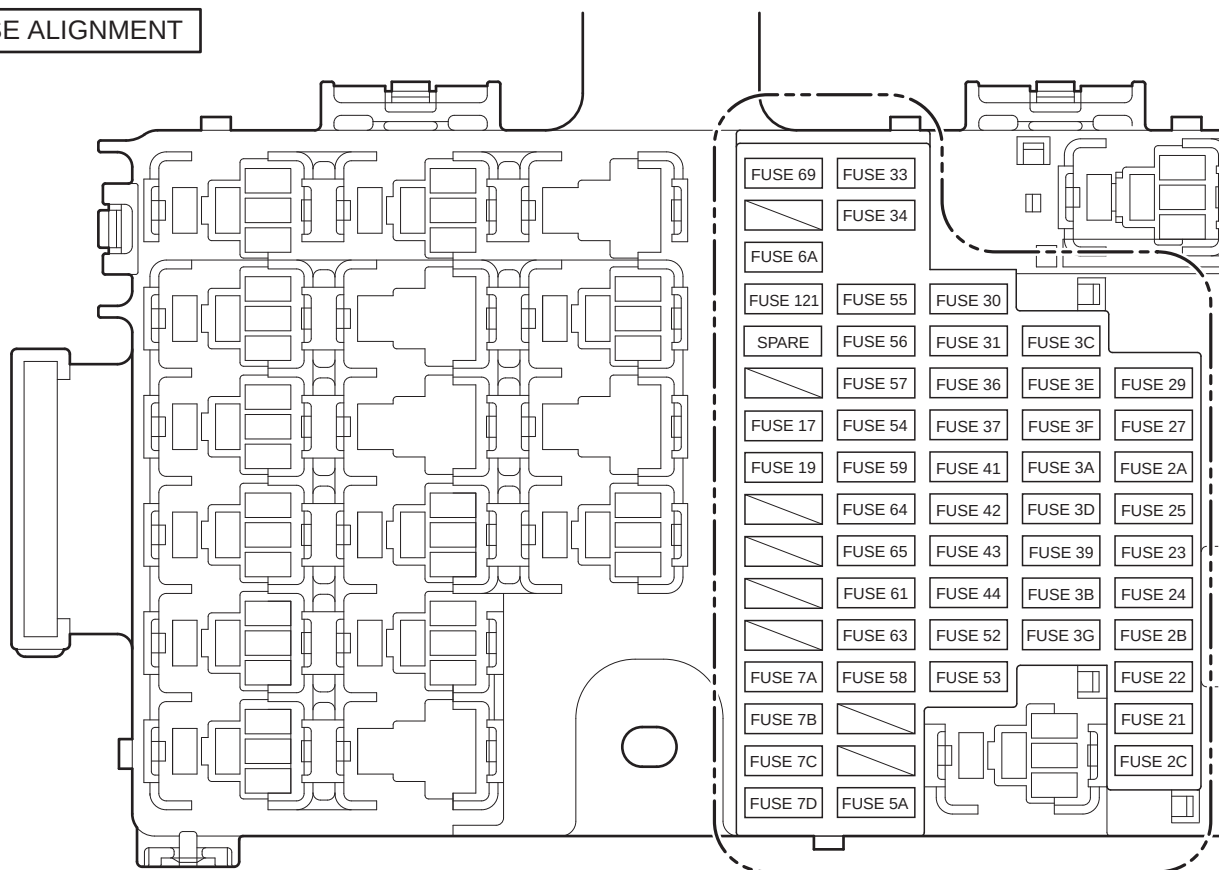
There is a case that the following figures are different from that for your vehicle due to the model or specification.

RIHGT-HAND DRIVE MODEL





FUSE ALIGNMENT



A/C fan	10A
Power window RR	20A
ABS	30A
Spare fuse	30A
PCV 1	10A
PCV 2	10A
VCS actuator	10A
VCS main	10A
EDC7 actuator	10A
EDC7 ECU (MAIN)	20A

Headlight dimmer relay	5A
Headlight main relay	5A
Pre-heat timer, Brake lock	15A
Power mirror	10A
Back-up light	10A
Engine light	10A
Engine light	15A
Headlight cleaner	10A
Spare (P-IGN)	10A
Power take off	10A
Engine actuator	10A
Transfer control, ATM	10A
Mirror heater	15A
Retarder brake	5A

Starter switch	10A
Starter relay	10A
Radio, Cigarette lighter	10A
Spare (P-ACC)	10A
Headlight main RH	10A
Headlight main LH	10A
Headlight Dimmer RH	10A
Headlight Dimmer LH	10A
Tail light, Cornering light	10A
Spare (P-Tail)	10A

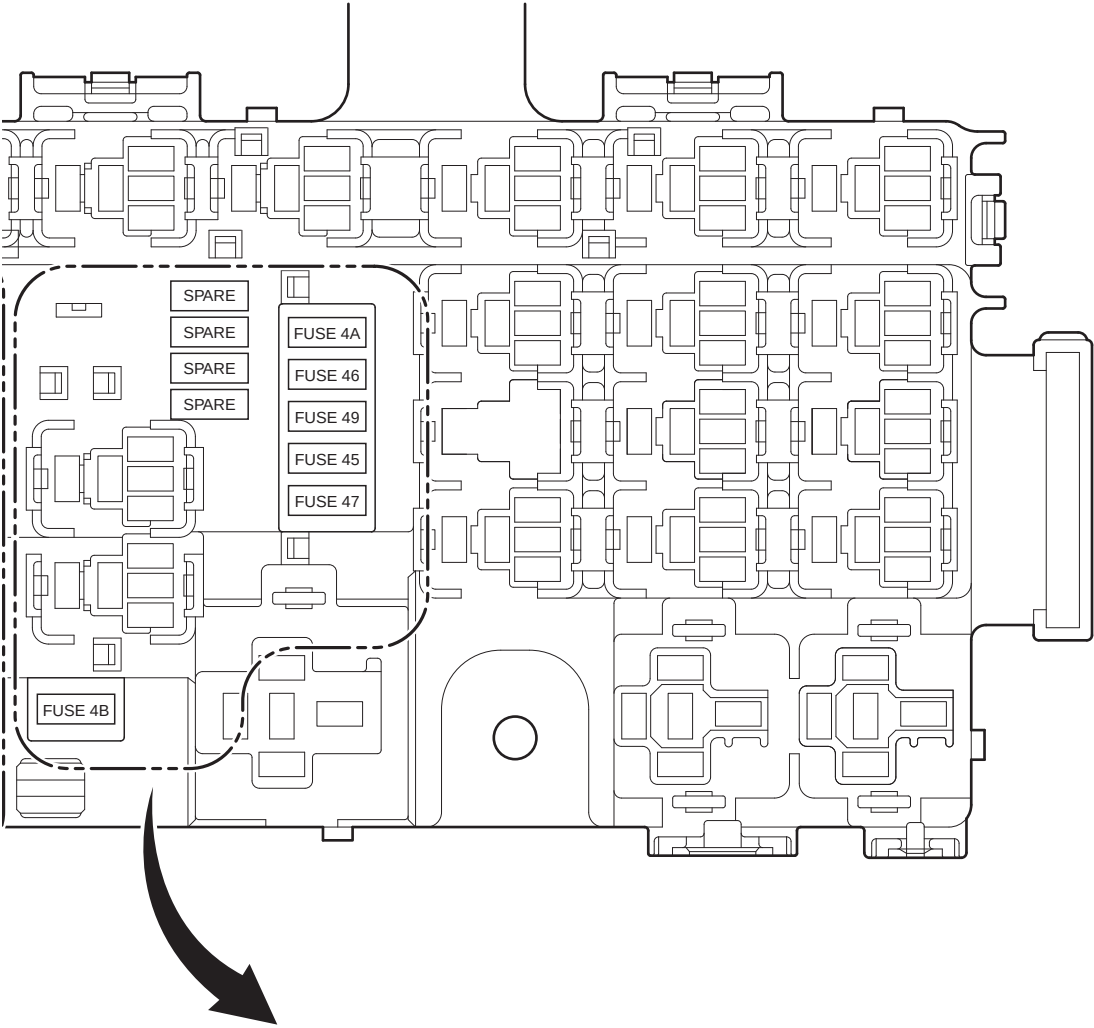
Meter	10A
ABS	10A
Generator	10A
Air bag 1	5A
Air bag 2	5A
Engine ECU	5A
ES start	5A
Engine stop relay	5A

Power window	20A
ABS	15A
Spare (P-Battery)	15A
Room light, DST-1	15A
Radio, Tachograph	10A
Flasher	10A
Parking light	10A
Engine ECU	10A
Engine stop	10A
Engine actuator	15A
ES start, ATM	10A

* 1: Indonesia

* 2: Except Indonesia

* 3: A09C



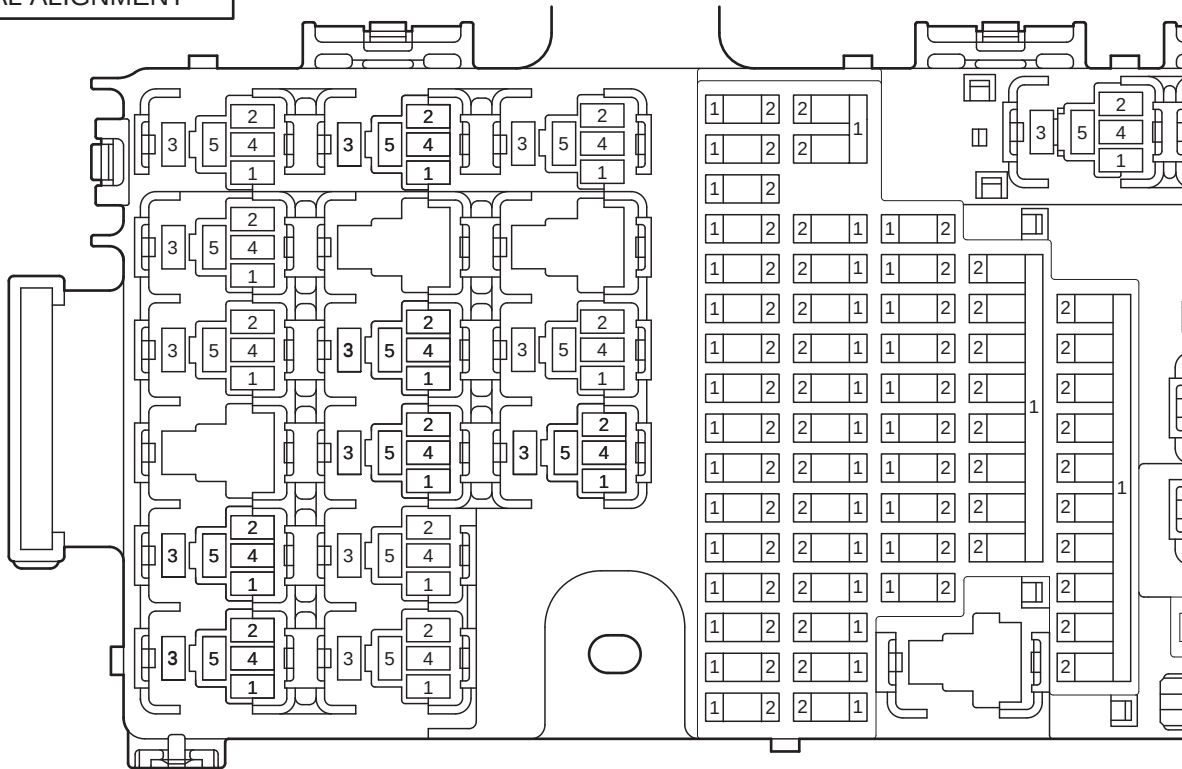
Spare fuse	5A
Spare fuse	10A
Spare fuse	15A
Spare fuse	20A

Air conditioner	15A

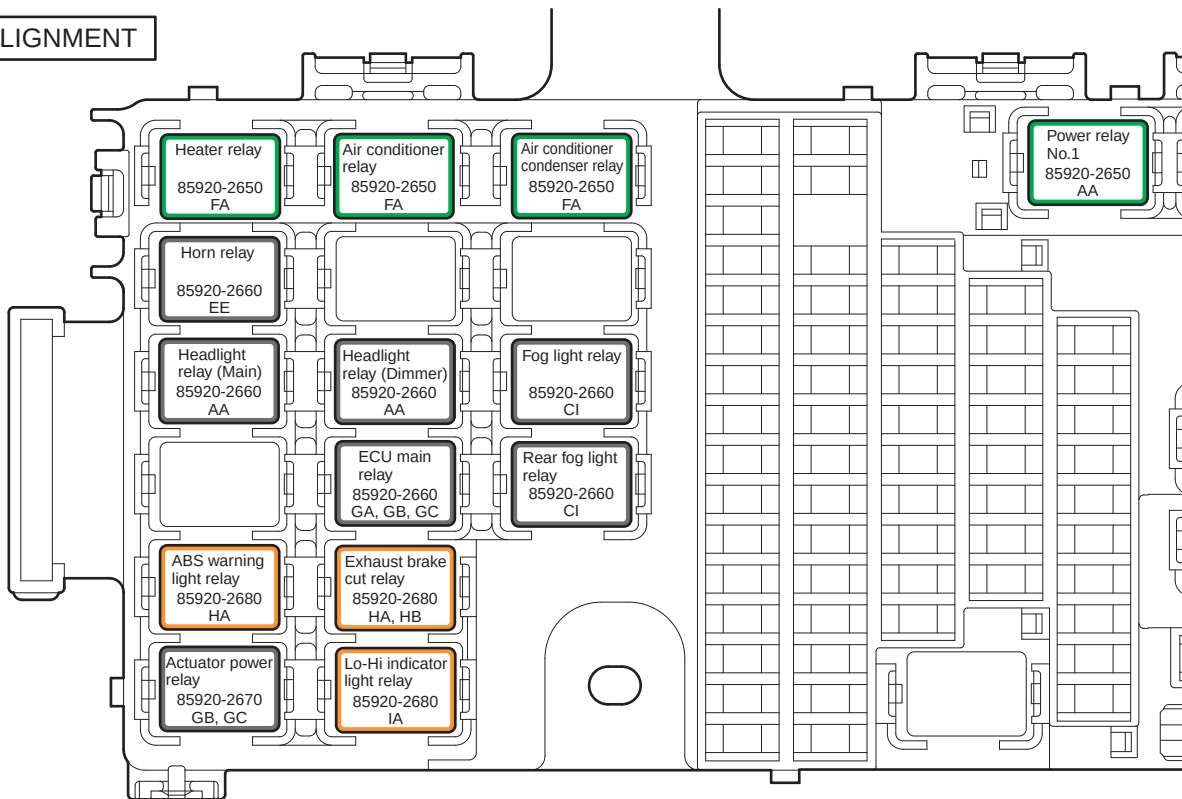
Heater	15A
Wiper	10A
Stop light	10A
Horn	5A
Exhaust brake	5A

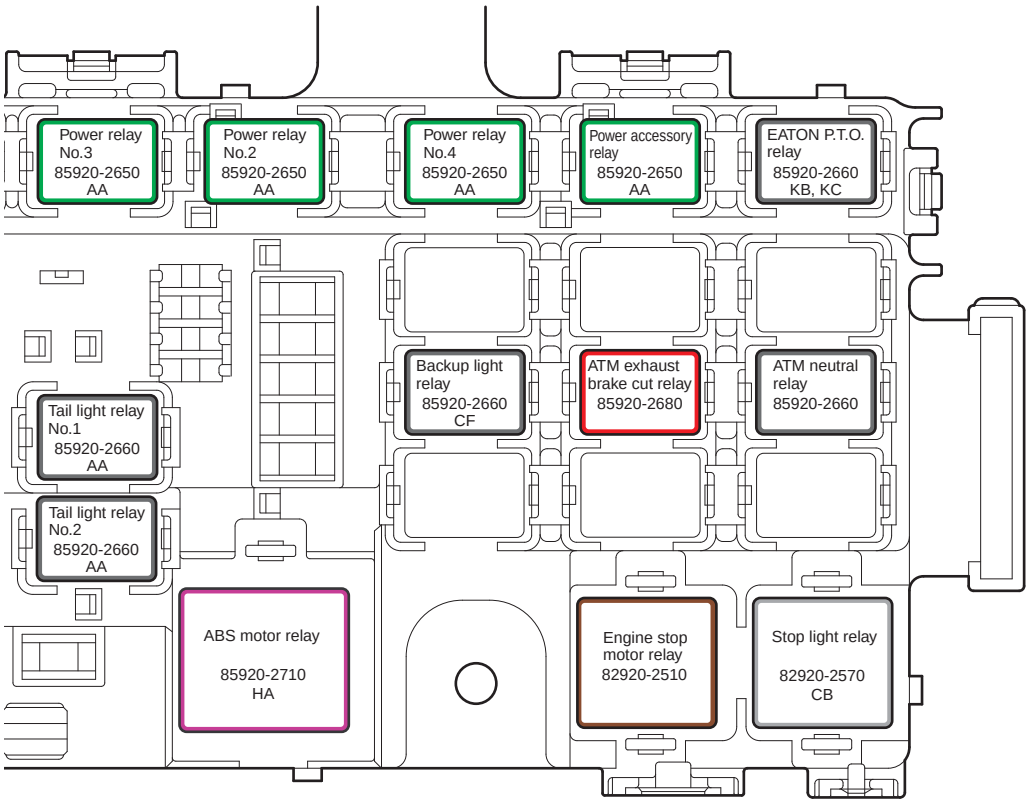
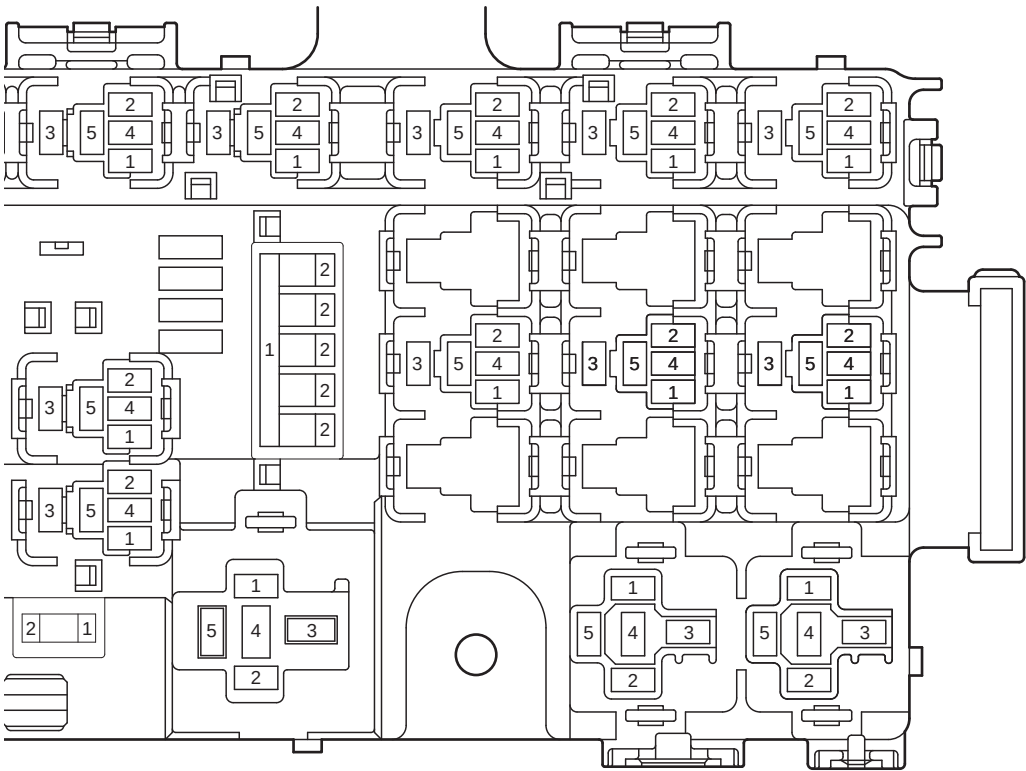
LEFT-HAND DRIVE MODEL

FUSE AND RELAY BLOCK
TERMINAL ALIGNMENT

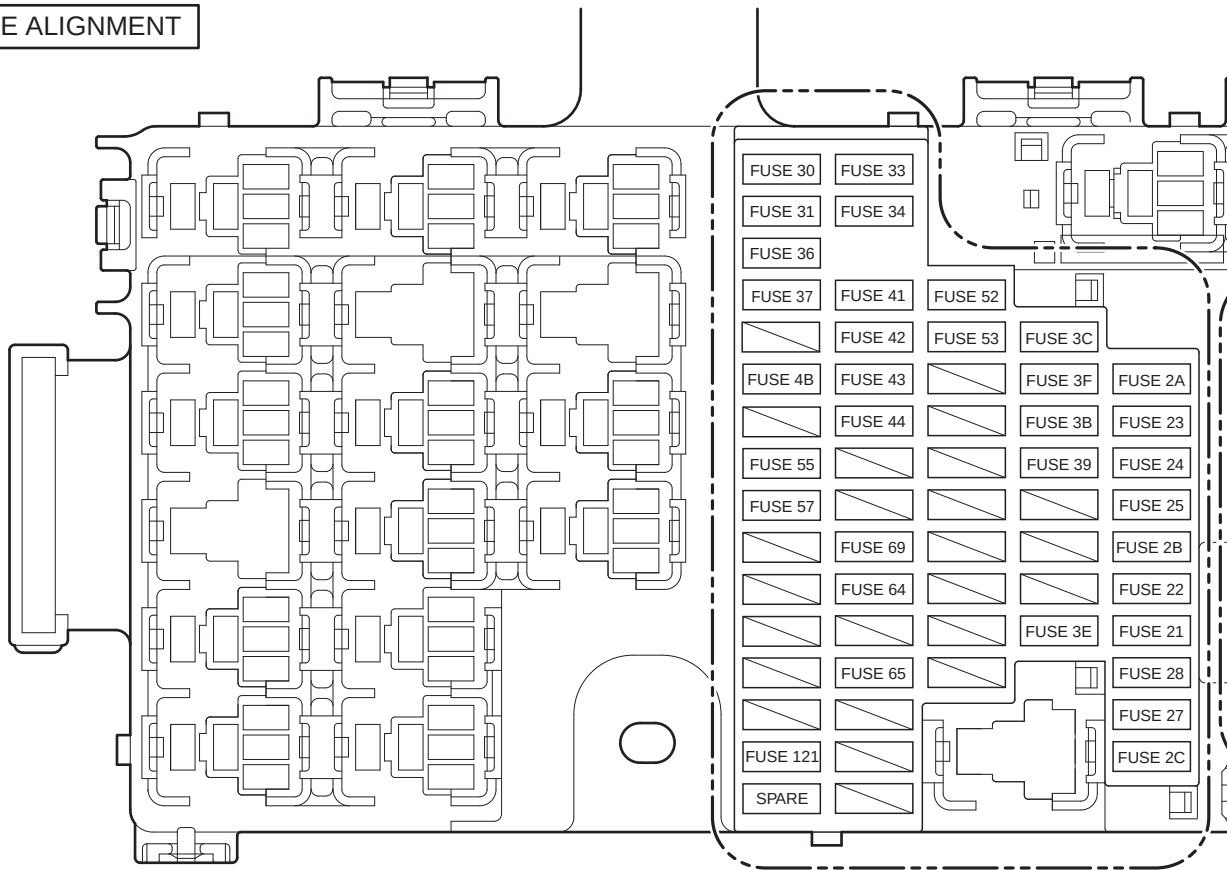


RELAY ALIGNMENT





FUSE ALIGNMENT



Starter switch 10A

Starter relay 10A

Radio, Cigarette lighter 10A

Spare (P-ACC) 10A

Air conditioner 15A

Pre-heat timer, Brake lock 15A

Back-up light 10A

ABS 30A

Spare fuse 30A

Headlight dimmer relay 5A

Headlight main relay 5A

Headlight main RH 10A

Headlight main LH 10A

Headlight Dimmer RH 10A

Headlight Dimmer LH 10A

A/C fan 10A

Spare (P-IGN) 10A

Power take off 10A

Tail light, Cornering light 10A

Spare (P-Tail) 10A

Meter 10A

Generator 10A

ES start 5A

Engine ECU 5A

Engine stop relay 5A

ABS 10A

Spare (P-Battery) 15A

Radio, Tachograph 10A

Flasher 10A

Room light 15A

Parking light 10A

Engine ECU 10A

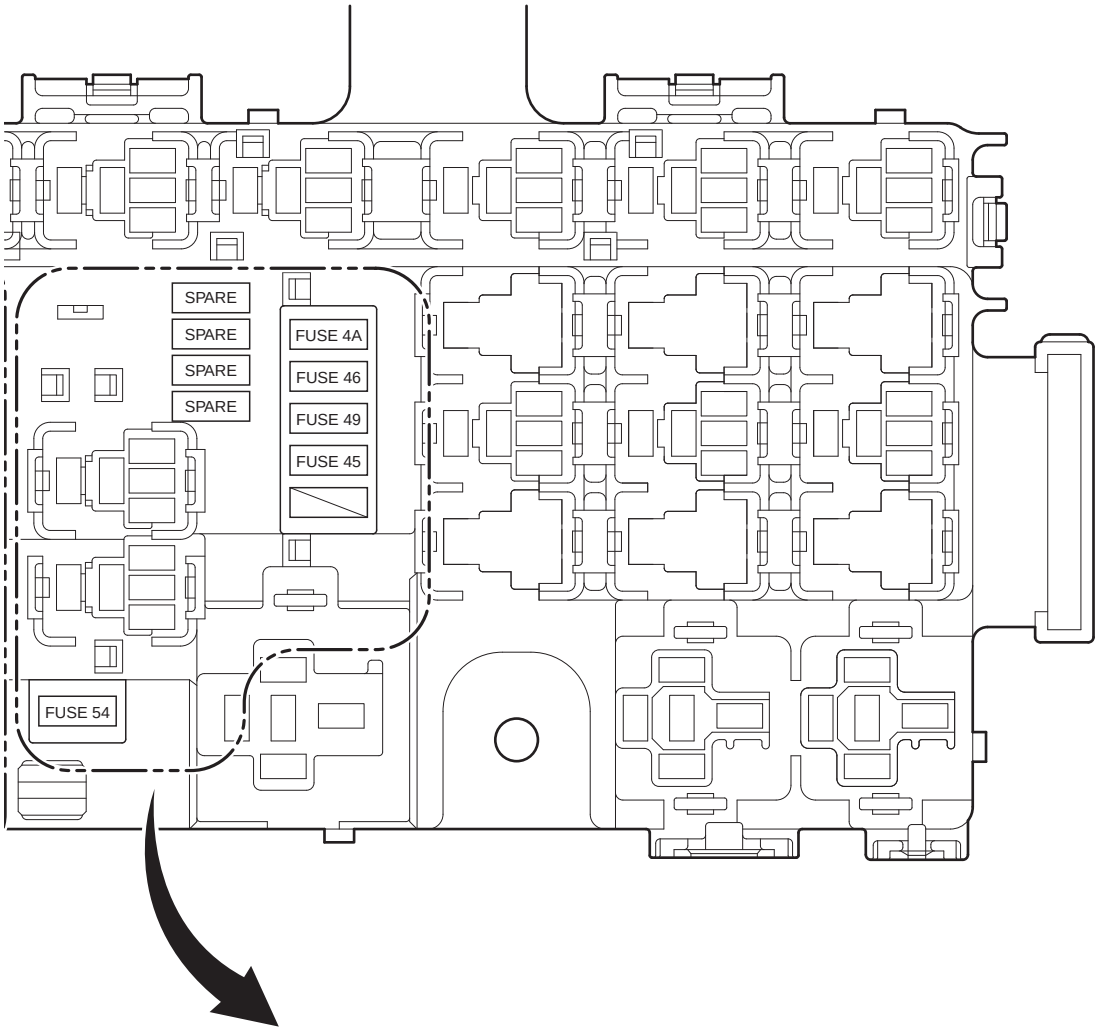
Engine stop 10A
Engine actuator 15A

Power window 20A

ABS 15A

ES start 10A

※ 1: Philippines, Vietnam

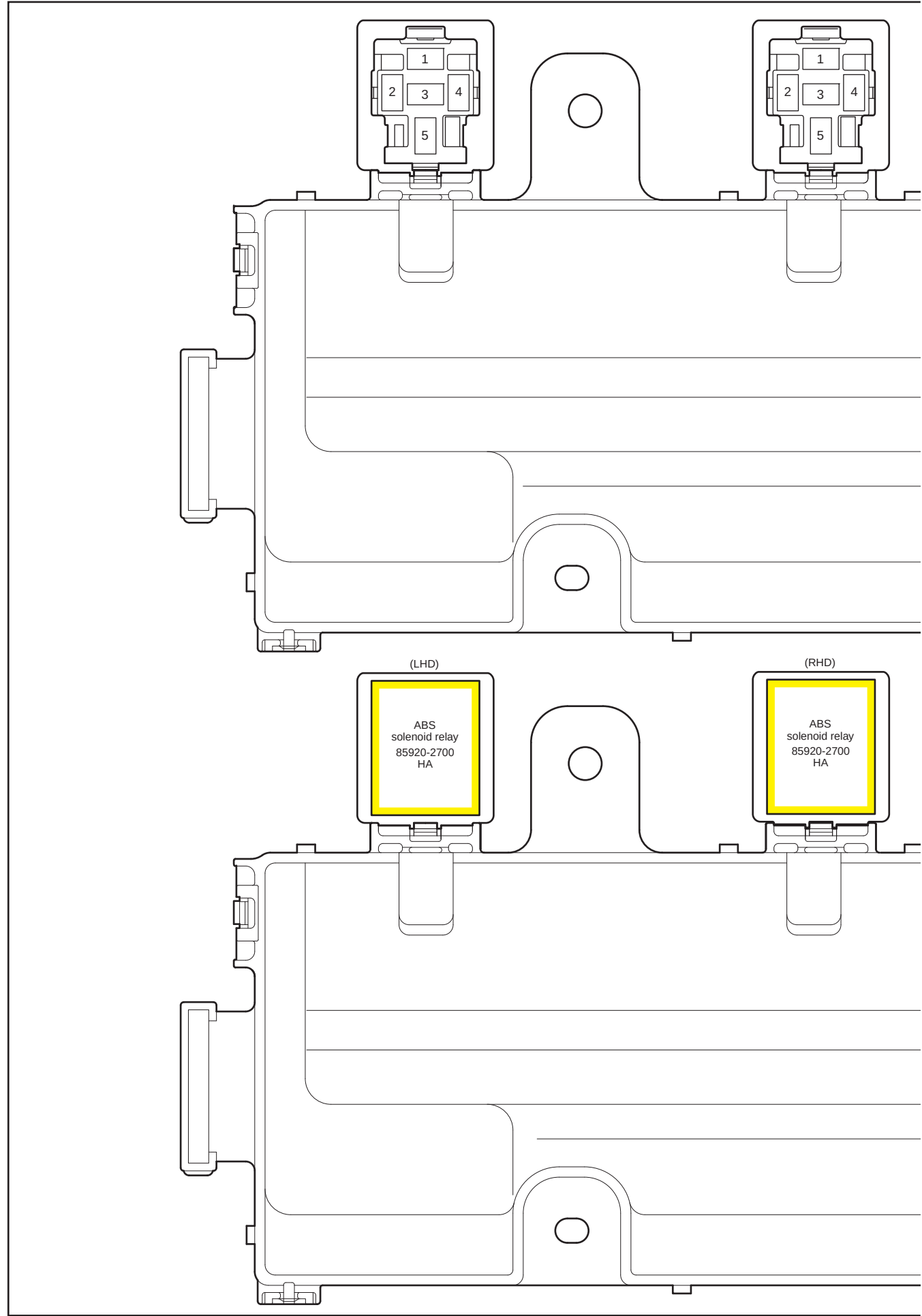


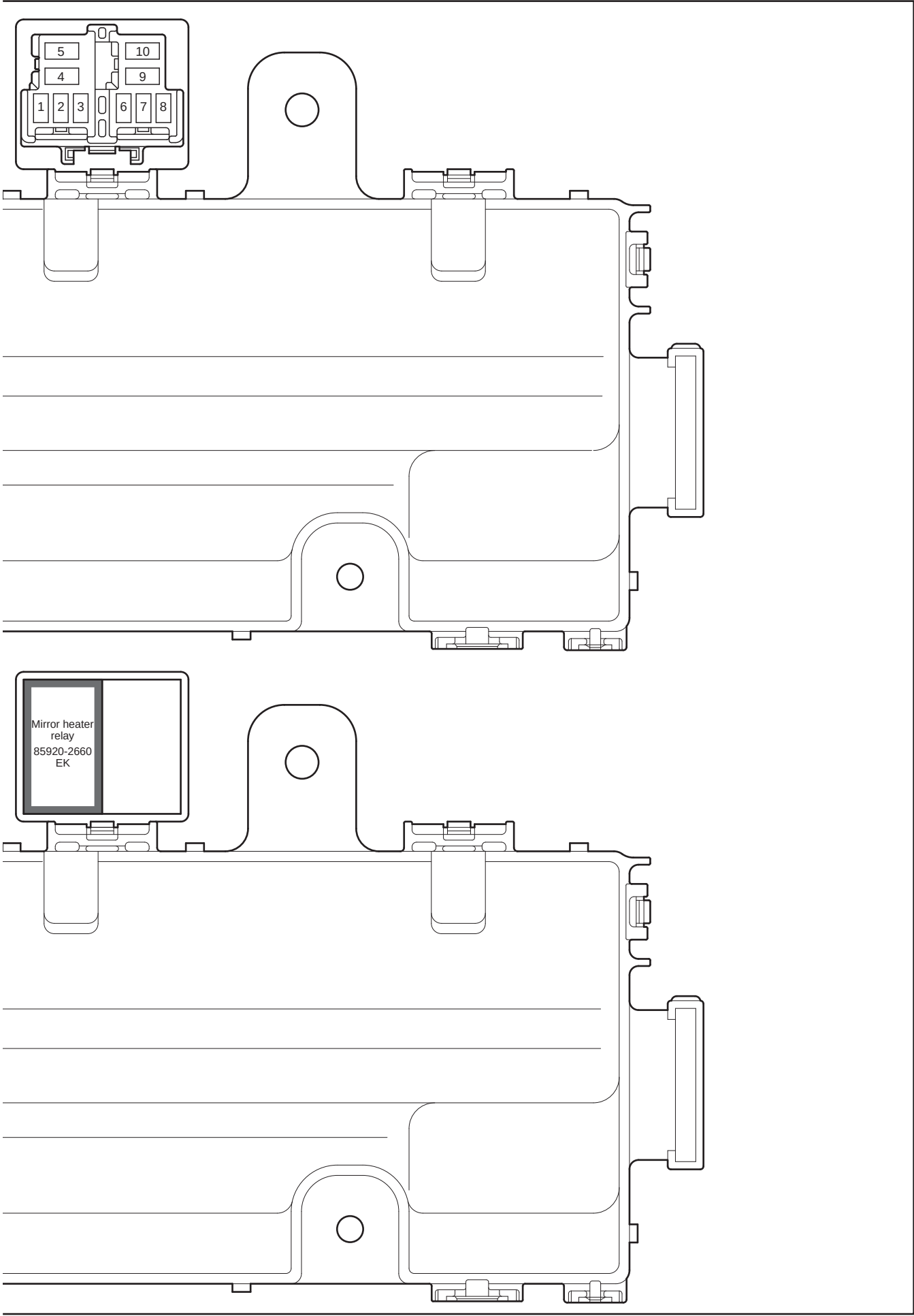
Spare fuse	5A
Spare fuse	10A
Spare fuse	15A
Spare fuse	20A

Fog light	15A

Heater	15A
Wiper	10A
Stop light	10A
Horn	5A

OPTION RELAY



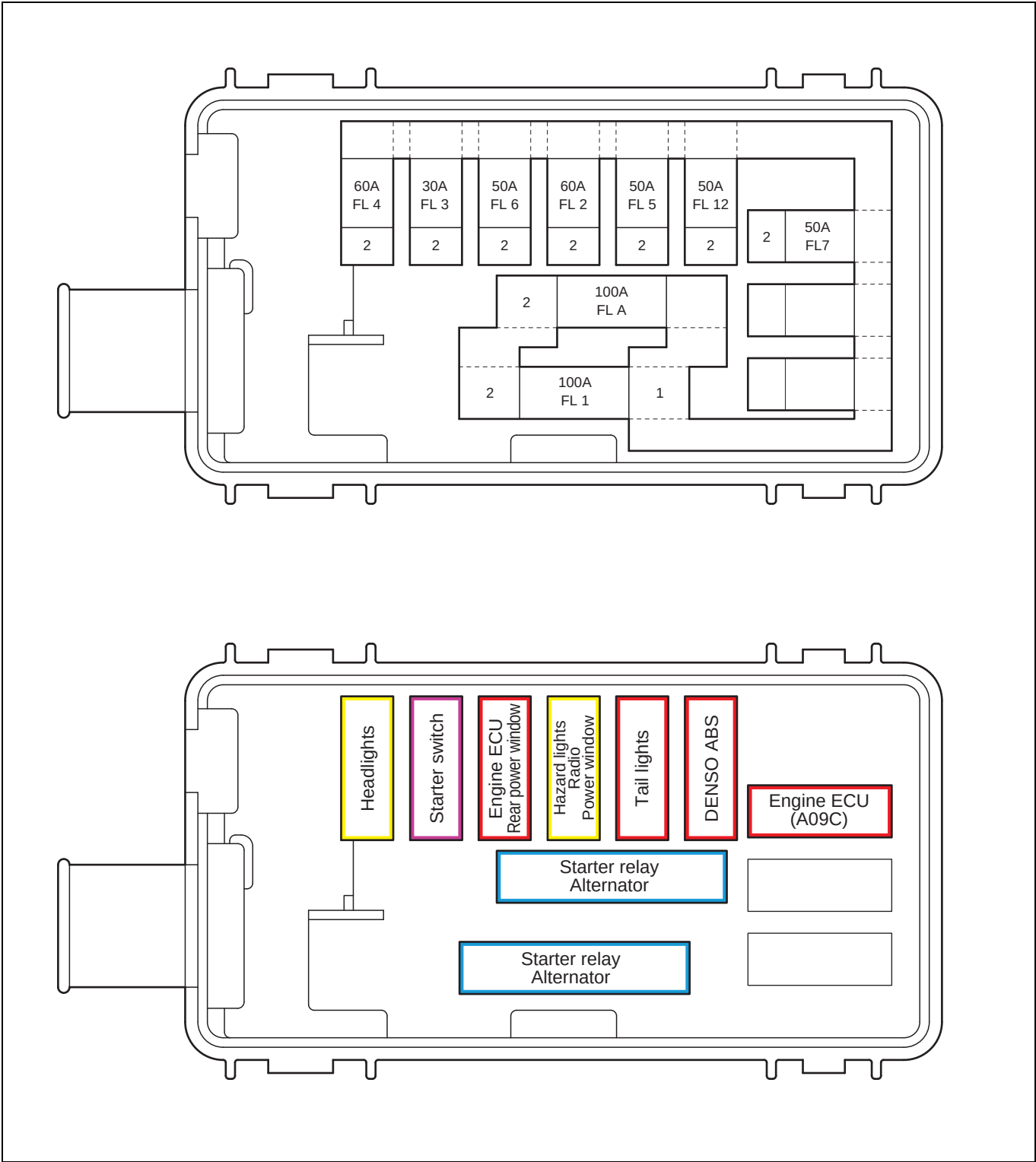


FUSIBLE LINK BLOCK

EN12Z1602J100009

NOTICE

There is a case that this figure is different from that for your vehicle due to the model or specification.



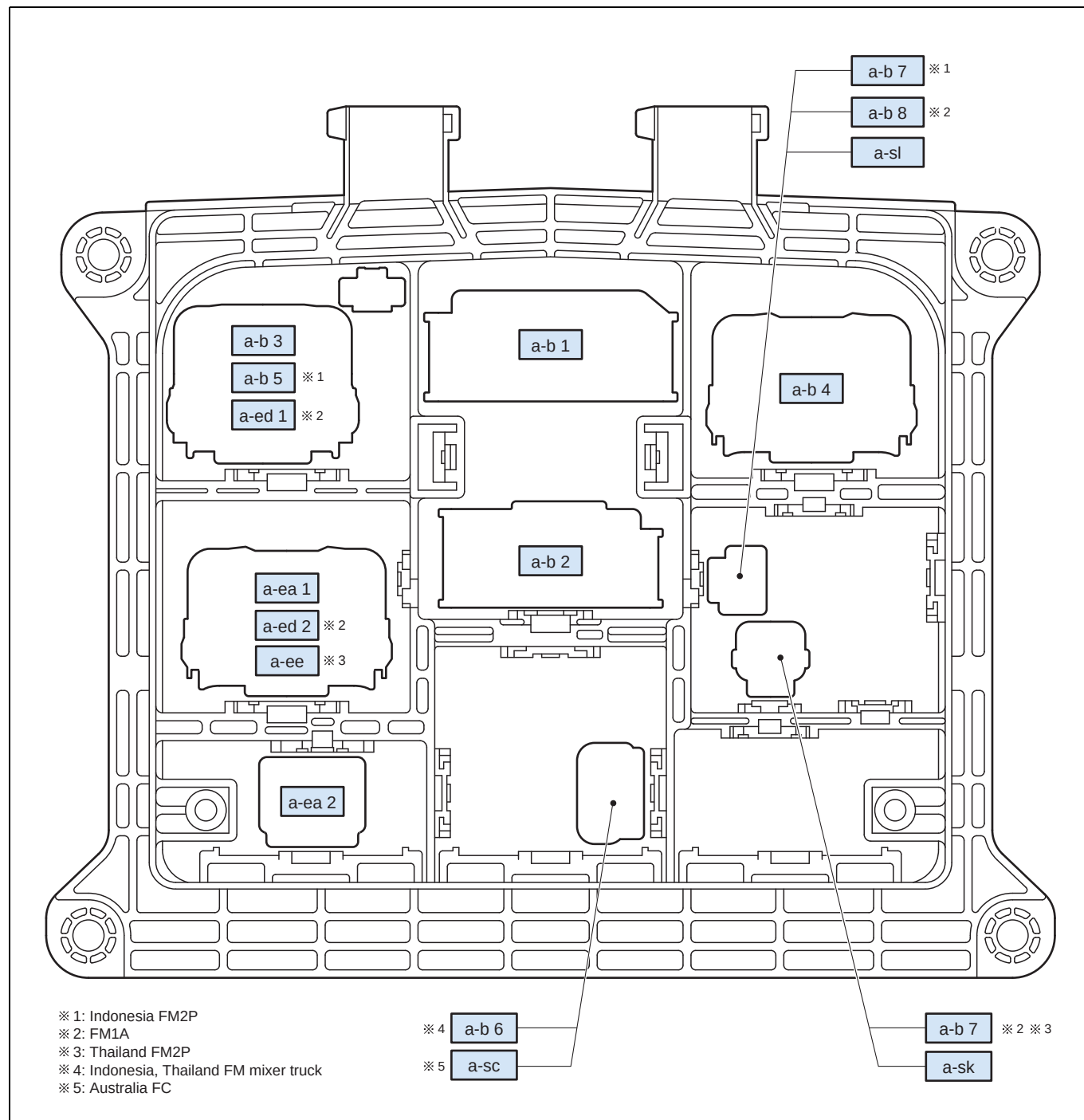
WIRE TO WIRE BOX

EN12Z1602J100010

NOTICE

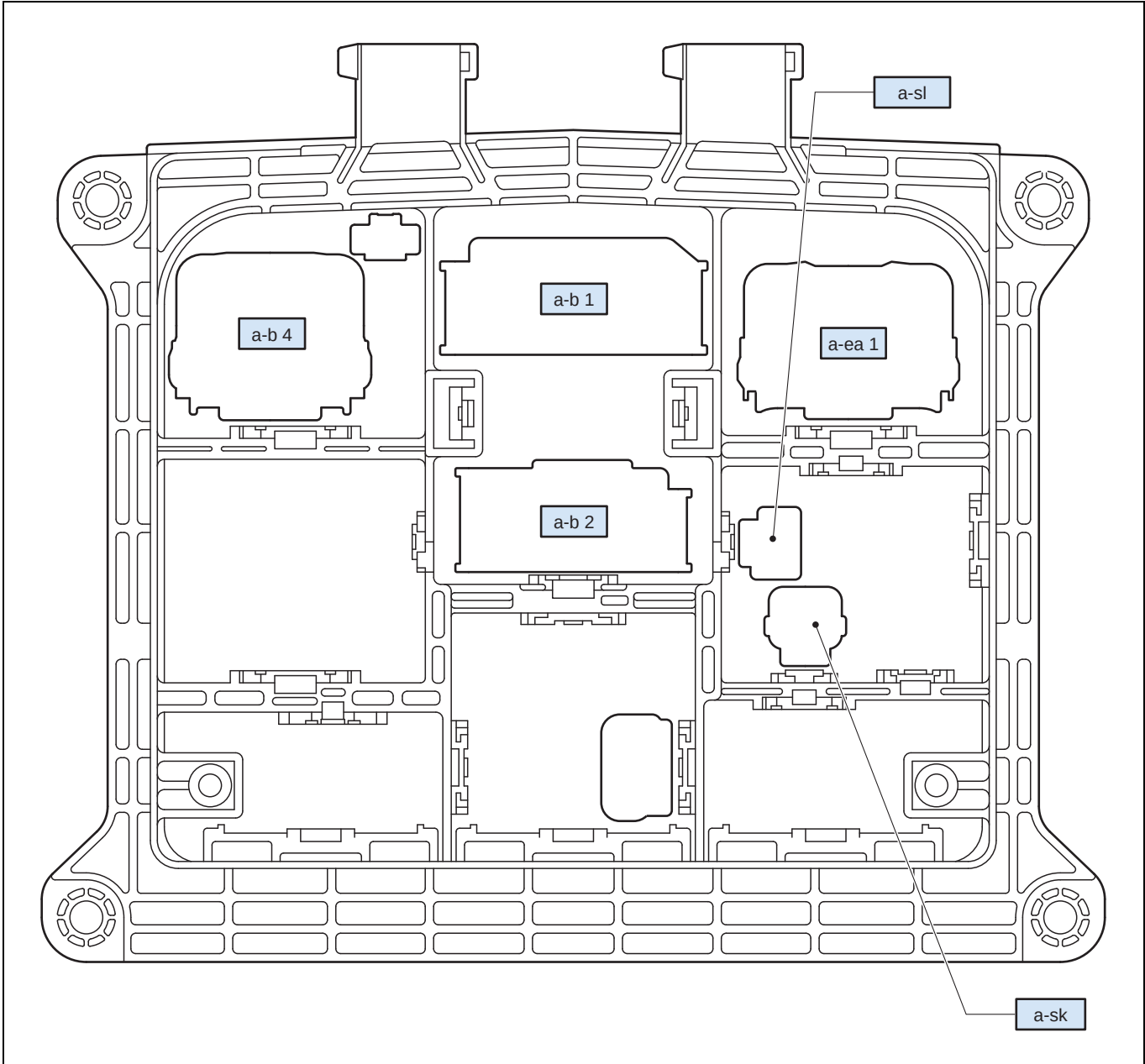
There is a case that the following figures are different from that for your vehicle due to the model or specification.

RIGHT-HAND DRIVE MODEL



SHTS12Z160200283

LEFT-HAND DRIVE MODEL



CONNECTOR INDEX

EN12Z1602J100011

ELECTRICAL EQUIPMENT CONNECTOR

NAME		CONNECTOR No.	PART No.	CIRCUIT OR AREA
	4WD detection switch	b63	82580-7180	EG-22, 44
				LD
	4WD selector switch	a33	82580-6060	IP-3
				LD
A	ABS diagnosis switch	a100	82560-4100	HB
				IP-4, 8
	ABS ECU (14 pin)	a102	82580-9490	HB
				IP-2, 5
	ABS ECU (18 pin)	a101	82580-9480	HB
				IP-2, 5
	ABS motor relay	—	—	HA
				—
	ABS solenoid relay	a113	82580-9780	HA
				IP-1, 5
	ABS warning light relay	—	—	HA
				—
	ABS+ES start ECU (22 pin)	a108	82560-2310	HA
				IP-2, 5
	ABS+ES start ECU (24 pin)	a110	82560-2320	HA
				IP-2, 5
	ABS+ES start ECU (28 pin)	a109	82560-2330	HA
				IP-2, 5
	ABS+ES start ECU (31 pin)	a111	82560-2340	HA
				IP-2, 5
	Accelerator sensor	a36	82580-8960	GA, GB, GC, GD, GM
				IP-4, 8
	Accelerator switch	a41	82580-8110	GF, GG, GH, LI
				IP-4, 8
	Actuator power relay	—	—	GB, GC, GD, GE
				—
	Air bag ECU	a187	82580-9940	ER
				IP-4
	Air conditioner compressor	eb4	82580-6570	FA
				EG-2, 5, 6, 9, 12, 14, 19, 23, 25, 42
	Air conditioner compressor (Indonesia J08E)	b6	82580-6570	FA
				EG-13, 24, 45
	Air conditioner compressor (Indonesia P11C)	eb11	82580-4240	FA
				EG-26, 28
	Air conditioner compressor (J05D)	ec5	82580-6570	FA
				EG-3
	Air conditioner compressor (A09C)	ed7	82560-2690	FA
				EG-35

NAME		CONNECTOR No.	PART No.	CIRCUIT OR AREA
A	Air conditioner compressor (Thailand P11C)	ee10	82580-4240	FA
				EG-27
	Air conditioner condenser	a99	82580-7780	FA
				CA-1, 2, 3
	Air conditioner condenser diode	a174	82560-3800	FA
				IP-1
	Air conditioner diode	a168	82560-2030	FA
				IP-4, 7
	Air conditioner relay	—	—	FA
				—
	Air conditioner switch	a78	82560-2400	FA
				IP-2, 6
	Air conditioner unit	a82	82580-6870	FA
				IP-2, 6
	Air conditioner condenser relay	—	—	FA
				—
	Air dryer heater	b44	82580-7170	LF
				EG-4, 8, 11, 18, 21, 22, 44
	Air flow sensor	b88	82560-2490	GC, GD
				EG-3, 7, 10, 12, 14, 20, 29, 30, 42
	Air flow sensor (A09C)	sm1	82828-1630	GN
				EG-36, 37
	Air gauge sensor (Front)	b13	82560-3190	BB
				EG-18, 21, 22, 34, 44
	Air gauge sensor (Front)	sa3	82560-3190	BB
				EG-4, 8, 11, 41
	Air gauge sensor (Rear)	b14	82560-3190	BB, BE
				EG-4, 8, 17, 18, 21, 22, 34, 41, 47
	Air gauge sensor (Rear)	sa4	82560-3190	BB
				EG-4, 8, 11, 41
	Air gauge sensor (Wet)	sa12	82560-3190	BB, BE
				EG-18, 34, 38
	Alternator (Terminals L, R)	eb1	82580-8640	AH
				EG-1, 2, 5, 6, 9, 12, 13, 14, 19, 23, 24, 25, 26, 28, 42, 45
	Alternator [Terminals L, R (A09C)]	ed20	82824-E0550	AH
				EG-35
	Alternator [Terminals L, R (Thailand P11C)]	ee8	82580-8640	AH
				EG-27
	Alternator (Terminal B)	eb2	9806-06150	AH
				EG-1, 2, 5, 6, 9, 12, 14, 19, 23, 25, 42
	Alternator [Terminal B (Indonesia J08E)]	eb10	9807-06050	AH
				EG-13, 24, 45

NAME		CONNECTOR No.	PART No.	CIRCUIT OR AREA
A	Alternator [Terminal B (Indonesia, Vietnam P11C)]	eb12	9806-06050	AH
				EG-26, 28
	Alternator [Terminal B (Thailand P11C)]	ee16	9806-06050	AH
				EG-27
	Alternator [Terminal B (A09C)]	b17	9806-06050	AH
				EG-35
	Autoleveling ECU	a49	82560-2470	CJ
				IP-1
	Automatic transmission backup light relay	—	—	CG, ID
				—
	Automatic transmission ECU	sb1	82828-1570	ID
				EG-18, 34, 40
	Automatic transmission main unit 1	b100	82560-2680	ID, LC
				EG-16, 29, 30, 40
B	Back buzzer	d2	82580-6820	CF
				RR-1, 2
	Back buzzer (Mixer truck)	e2	82580-6820	CH
				RR-2
	Back buzzer (Tractor)	b81	82580-6820C	CF
				RR-3, 4
	Backup light (Mixer truck)	e6	82580-6600	CH
				RR-2
	Backup light (Tractor)	b82	82580-6600	CF
				RR-3, 4
	Backup light 1 [Direct coupled type (Taiwan)]	d4	82580-7660	CF
				RR-1
	Backup light 1 [Lead wire type (Except Taiwan)]	d6	82580-6600	CF
				RR-1, 2
	Backup light 2	d5	82580-6600	CF
				RR-1, 2
	Backup light relay	—	—	CF
				—
	Backup light switch (LX, LJ, MF, HK transmission)	b22	82560-3600	CF, LG
				EF-3, 7, 11, 15, 21, 22, 30, 36, 40, 43
	Backup light switch (EATON, ZF transmission)	b51	82560-1340	CF, LG
				EG-15, 30, 31, 32, 33, 36, 37, 46

NAME		CONNECTOR No.	PART No.	CIRCUIT OR AREA
B	Backup light switch (RT8908LL transmission)	b52	82580-7180	CF
				EG-29
	Battery (-) terminal (Battery 1)	bc1	9782-16500	AA
				EG-4, 8, 11, 15, 16, 20, 34, 38, 41, 43, 47
	Battery (-) terminal (Battery 2)	bb2	9782-16080	AA
				EG-4, 8, 11, 15, 16, 20, 34, 38, 41, 43, 47
	Battery (+) terminal (Battery 1)	bb1	9782-18080	AA
				EG-4, 8, 11, 15, 16, 20, 34, 38, 41, 43, 47
	Battery (+) terminal (Battery 2)	ba1	9780-09300	AA
				EG-4, 8, 11, 15, 16, 20, 34, 38, 41, 43, 47
	Battery ground	bc2	9780-11200	AA, BA, BE, BG, BI, CJ, GE, HB, HC, HE, ID, LD, LG, MA
				EG-4, 8, 11, 15, 16, 20, 34, 38, 41, 43, 47
	Blower motor	a88	82560-2990	FA
				IP-2, 6
	Blower resistor	a83	82580-9270	FA
				IP-2
	Blower switch	a77	82560-4480	FA
				IP-2, 6
	Boost pressure sensor	ea8	82580-8980	GA, GC, GD
				EG-3, 7, 10, 15, 16, 20, 29, 30, 43
	Boost pressure sensor (Indonesia P11C)	eb7	82580-6630	GE
				EG-26, 28
	Boost pressure sensor (A09C)	ed16	82580-8980	GM
				EG-35
	Boost pressure sensor (Thailand P11C)	ee13	82580-8980	GB
				EG-27
	Brake adjust switch (Front)	sa5	82590-9250	BB, BE
				EG-4, 8, 11, 17, 18, 34, 38, 41
	Brake adjust switch (Front)	b71	82580-9250	BB
				EG-18, 22, 44
	Brake adjust switch (Rear)	sa13	82580-9250	BB, BE
				EG-4, 8, 11, 17, 18, 34, 38, 41
	Brake adjust switch (Rear)	b72	82580-9250	BB
				EG-22, 44
	Brake adjust switch (Rear LH)	sa7	82580-9250	BB
				EG-18
	Brake adjust switch (Rear RH)	sa6	82580-9250	BB
				EG-18
	Brake fluid level switch	b7	82580-9240	BB
				EG-22, 44

NAME		CONNECTOR No.	PART No.	CIRCUIT OR AREA
B	Brake fluid level switch	sa8	82580-9250	BB, BE
				EG-4, 8, 11, 17
	Brake fluid level switch	sa9	82580-9240	BB, BE
				EG-18, 34, 38, 41
	Brake lock buzzer	e14	82580-6820	HD
				RR-2
	Brake lock buzzer (Australia FC)	sd1	82580-6820	HD
				RR-1
	Brake lock control magnetic valve	a42	82580-8110	HD
				IP-4
	Brake lock control valve position switch	a43	82560-2880	HD
				IP-4
	Brake lock pressure switch	se1	82560-3590	HD
				EG-4, 34
	Brake lock relay	a44	82580-8740	HD
				IP-2
C	Brake switch (Except Ireland)	a64	82580-6770	GH, GK
				CA-1
	Brake switch (Ireland)	a178	82580-6820	HC
				CA-1
	Brake switch (Mexico)	a180	82580-6820	GD
				CA-2
	Buzzer cancel switch	c1	82560-3610	BC
				RR-1, 2
	Buzzer cancel switch (Models FT, GT)	b73	82560-3610	BC
				RR-1
	Buzzer cancel switch (New Zealand FM mixer truck)	e13	82560-3610	BC
				RR-2
	Cab tilt buzzer	b31	82580-6820	JA, JB
				EG-9, 19, 42
	Cab tilt diode No.1 (Double cab)	a165	82560-2030	JB
				IP-4
	Cab tilt diode No.1 (FT, GT single cab)	b145	82560-2030	JA
				EG-42
	Cab tilt diode No.2	a166	82560-2030	JB
				IP-4
	Cab tilt down relay	—	—	JB
				—
	Cab tilt lock switch (Double cab)	i4	82580-7140	JB
				CA-3
	Cab tilt lock switch (FT, GT single cab)	sf1	82580-7140	JA
				CA-1
	Cab tilt motor	b33	82580-7290	JA, JB
				EG-10, 20, 42
	Cab tilt position switch	b90	82580-7140	JA
				EG-42

NAME		CONNECTOR No.	PART No.	CIRCUIT OR AREA
C	Cab tilt relay	b93	82580-9770	JA
				EG-42
	Cab tilt relay 1	b35	82580-7330	JB
				EG-10, 20
	Cab tilt relay 2	b36	82580-2220	JB
				EG-10, 20
	Cab tilt solenoid valve	b32	82560-2950	JB
				EG-10, 20
	Cab tilt stop switch (Double cab)	a57	82580-6600	JB
				CA-3
	Cab tilt stop switch (FT, GT single cab)	b91	82580-6600	JA
				EG-42
	Cab tilt stroke switch (FT, GT single cab)	b89	82580-6600	JA
				EG-42
	Cab tilt switch (Double cab)	b34	82560-2420	JB
				EG-10, 20
	Cab tilt switch (FT, GT single cab)	b92	82580-7180	JA
				EG-42
	Cab tilt up relay	—	—	JB
				—
	Cigarette lighter	a73	82580-4610	EF
				IP-3, 7
	Clutch stroke sensor	a14	82580-7140	HA, HC
				IP-4, 8
	Clutch switch	a6	82560-3030	GF, GG, LI
				IP-4, 8
	Combination meter (18 pin-L)	a23	82560-2230	BA, BD
				IP-4, 8
	Combination meter (22 pin-L)	a21	82560-2470	BA, BD, LC
				IP-4, 8
	Combination meter (18 pin-R)	a27	82560-2230	BA, BD
				IP-4, 8
	Combination meter (22 pin-R)	a25	82560-2470	BA, BD
				IP-4, 8
	Combination switch (SRC)	a188	82560-1020	ER
				IP-4
	Common rail pressure sensor (J05D, J05E)	ec2	82580-6630	GA, GD
				EG-3
	Common rail pressure sensor (J08E)	ea3	82580-6630	GA, GC, GD
				EG-7, 10, 15, 16, 20, 29, 30, 31, 43
	Common rail pressure sensor (A09C)	ed11	S8281-E0050	GM
				EG-35
	Common rail pressure sensor (Thailand P11C)	ee6	82580-6630	GB
				EG-27

NAME		CONNECTOR No.	PART No.	CIRCUIT OR AREA
C	Coolant level switch	ea6	82580-7180	BA, EN EG-3, 7, 10, 15, 16, 20, 29, 30, 31, 43
	Coolant level switch (Indonesia J08E)	b9	82580-7180	BE EG-13, 24, 45
	Coolant level switch (A09C, P11C)	b8	82580-6600	BA, BE EG-26, 28, 32, 33, 36, 37
	Coolant level warning relay	a76	82580-6870	BA, BD IP-3, 7
	Coolant temperature gauge sender unit	eb13	82580-8760	BE EG-13, 24, 45
	Coolant temperature sensor	eb3	82580-8760	BE, GA, GC, GD, GE EG-1, 2, 5, 6, 9, 12, 14, 19, 23, 25, 26, 28, 42
	Coolant temperature sensor (A09C)	ed18	82580-8760	GM EG-35
	Coolant temperature sensor (Thailand P11C)	ee9	82580-8640	GB EG-27
	Courtesy switch (Front LH)	i1	82580-6170	DA CA-1, 2, 3
	Courtesy switch (Front RH)	i7	82580-6170	DA CA-1, 2, 3
	Courtesy switch (Rear LH)	i2	82580-6170	DA CA-3
	Courtesy switch (Rear RH)	i6	82580-6170	DA CA-3
	Cruise main switch	a130	82560-4080	GK IP-4
	Cruise set and resume switch (Light and turn switch)	a16	82580-9310	GK IP-4
	Cruise set and resume switch [Light and turn switch (Mexico)]	a182	82560-4120	GK IP-8
D	DC/DC converter (12V)	a103	82580-6060	AC IP-2, 6
	DC/DC converter (Common rail)	a129	82560-3290	GC, GD IP-2, 5
	DC/DC converter (Hour meter)	a87	82580-6920	BF IP-2
	DC/DC converter (Leveling)	a47	82560-3290	CE, CJ IP-2
	Diagnosis connector (16 pin)	a7	82560-4320	LB, LC IP-4, 8
	Diagnosis connector (Black)	a38	82560-2620	LA IP-4
	Diagnosis connector (White)	a39	82560-2620	LA IP-4, 8

NAME		CONNECTOR No.	PART No.	CIRCUIT OR AREA
D	Diagnosis connector (ATM)	a106	82560-1920	ID, LC
				IP-4
	Diagnosis short circuit connector	a40	82560-2610	LA
				IP-4, 8
	Differential lock magnetic valve	c5	82580-9250	HF
				RR-2, EG-40
	Differential lock magnetic valve (Mixer truck)	e15	82580-9250	HF
				RR-2
	Differential lock magnetic valve (Tractor)	b78	82580-9250	HF
				RR-3
	Differential lock switch	a37	82560-3010	HF
				IP-3, 8
	Digital tachograph	a80	82580-7000	BG
				IP-2, 6
	DLC4	a8	82824-E0010	LB, LC
				IP-4
	Dome light (Center)	h5	82580-3360	DA
				CA-1
E	Dome light (Front LH)	h2	82580-3360	DA
				CA-1, 2, 3
	Dome light (Front RH)	h1	82580-3360	DA
				CA-1, 2, 3
	Dome light (Rear)	h4	82580-3360	DA
				CA-3
	Dome light diode	i10	82560-2030	DA
				CA-1, 3
	Drive master unit	a135	82580-6460	BI, LC
				IP-2
	Dump up switch	b45	82580-4240	KA, KB
				EG-4, 17, 18, 34, 38
	Dump warning buzzer	a9	82580-6390	KA, KB
				IP-4, 8
	Earth AS-1	a159	82583-1680	AB, JA, MA
				IP-1, 5
	Earth AS-2	a160	82583-1670	BA, BD, CA, CB, CC, EC, EF, EH, EI, EK, EM, EN, FA, MA
				IP-1, 5
	Earth AS-3	a161	82583-1640	AA, AE, BA, BD, BF, CB, CC, CE, CI, DA, EA, EB, EC, ED, EG, EK, EL, EM, EN, FA, GB, GC, GI, GJ, GK, GM, HD, IA, IB, ID, KA, KB, KC, LA, LH, MA
				IP-1, 5
	Earth DR-1	a156	82583-1680	AB, MA
				IP-4, 8

NAME		CONNECTOR No.	PART No.	CIRCUIT OR AREA
E	Earth DR-2	a157	82583-1670	BD, CA, CB, CC, EC, EF, EG, EH, EI, EK, EM, EN, FA, MA IP-4, 8
	Earth DR-3	a158	82583-1660	AA, AE, BA, BD, BF, CB, CC, CE, CI, DA, EA, EB, EC, ED, EH, EK, EL, EM, EN, FA, GB, GC, GI, GJ, GK, HD, IA, IB, ID, KA, KB, KC, LA, LH, MA IP-4, 8
	Earth G3 audio	a162	82583-1670	EJ, MA IP-2, 6
	Earth injector	ea7	9806-08010	BA, EN, GA, GC, GD, MA EG-3, 7, 10, 15, 16, 20, 29, 30, 31, 43
	Earth injector	ed24	9806-08010	GM, MA EG-35
	Earth injector	ee15	9806-08010	GB EG-27
	Earth No.1 crossmember	b141	9806-08050	BB, BC, BE, CD, CF, CH, CI, CK, EE, EM, GG, HA, HB, HC, HF, IC, JA, JB, LD, LE, LF, MA EG-1, 2, 5, 6, 9, 12, 13, 14, 19, 23, 24, 25, 26, 27, 28, 35, 39, 42, 45
	Earth rear axle	b143	9806-08050	BB, BC, BE, CD, CF, CH, CI, CK, EE, EM, GG HA, HB, HC, HF, IC, JA, JB, LD, LE, LF, MA EG-3, 7, 11, 17, 18, 21, 22, 26, 28, 29, 30, 31, 32, 33, 36, 37, 40, 44, 46
	EATON P.T.O. relay	—	—	KB, KC —
	ECU main relay	—	—	GA, GB, GC, GD, GE —
	EGR control	ed12	82580-8490	GO EG-35
	EGR coolant temperature sensor	ed17	82580-8760	GO EG-35
	EGR valve 1	ea4	82560-2490	GC, GD EG-3, 7, 10, 15, 16, 20, 29, 30, 43
	EGR valve 2	ea5	82560-2490	GC, GD EG-7, 10, 15, 16, 20, 29, 30, 43
	EGR VNT power relay	—	—	GM, GO —
	Engine ECU (34 pin)	a114	82824-E0080	GA, GB, GC, GD, GL IP-2, 5

NAME		CONNECTOR No.	PART No.	CIRCUIT OR AREA
E	Engine ECU (35 pin-1)	a116	82824-E0090	GA, GB, GC, GD, GF, GH, GK, GL
				IP-2, 5
	Engine ECU (32 pin)	a118	82824-E0070	GA, GB, GC, GD, GF, GH, GI, GK, GL, LD
				IP-2, 5
	Engine ECU (35 pin-2)	a120	82824-E0100	GA, GB, GC, GD, GL
				IP-1, 6
	Engine ECU (31 pin)	a122	82824-E0060	GA, GB, GC, GD
				IP-1, 6
	Engine ECU [89 pin (A09C)]	ed1	S8281-E0010	GM, GO, GP, MA
				EG-35
	Engine ECU [36 pin (A09C)]	ed2	S8281-E0020	GM, GN, GO, GP, GQ
				EG-35
	Engine ECU [16 pin (A09C)]	ed3	82824-E0030	GM
				EG-35
	Engine retarder EGR [Brake F (-)]	ib7	82583-1750	GQ
				EG-36, 37, 40
	Engine retarder EGR [Brake F (+)]	ib8	82583-1750	GQ
				EG-36, 37, 40
	Engine retarder EGR [Brake R (-)]	ib9	82583-1750	GQ
				EG-36, 37, 40
	Engine retarder EGR [Brake R (+)]	ib10	82583-1750	GQ
				EG-36, 37, 40
	Engine speed sensor (P11C)	b29	82560-1260	GE
				EG-25, 26, 28
	Engine speed sensor (Allison)	b98	82828-1610	ID
				EG-16, 29
	Engine speed main sensor	ea1	82560-1230	GA, GC, GD
				EG-3, 7, 10, 15, 16, 20, 29, 30, 31, 40, 43
	Engine speed main sensor (A09C)	ed9	S8281-E0040	GM
				EG-35
	Engine speed main sensor (Thailand P11C)	ee7	82580-9960	GB
				EG-27
	Engine speed sub sensor	ea2	82580-9960	GA, GC, GD
				EG-3, 7, 10, 15, 16, 20, 29, 30, 31, 43
	Engine speed sub sensor (A09C)	ed13	82560-1230	GM
				EG-36, 37
	Engine speed sub sensor (Thailand P11C)	ee4	82560-1230	GB
				EG-27
	Engine stop diode	a170	82560-3800	GM
				IP-2
	Engine stop motor	a62	82580-7140	GJ
				CA-2

NAME		CONNECTOR No.	PART No.	CIRCUIT OR AREA
E	Engine stop motor	a63	82580-7270	GJ
				CA-1
	Engine stop motor relay	—	—	GJ
				—
	ES start control valve	b43	82580-9250	HC
				EG-18, 21
	ES start control valve (Full air)	b123	82580-9250	HC
				EG-18
	ES start controller (12 pin)	a56	82580-6890	HC
				IP-1, 5
	ES start controller (26 pin)	a58	82560-1220	HC
				IP-1, 5
	ES start main switch	a69	82560-1100	HA, HC
				IP-3, 7
	ES start warning buzzer	a112	82560-2990	HA
				IP-4, 8
F	ETC. spare power supply connector	a74	82580-6920	AB
				IP-3, 7
	E-thermo	a84	82560-3250	FA
				IP-2
	Exhaust brake cut relay	—	—	GF, HA, HB, HE
				—
	Exhaust brake magnetic valve	b24	82580-9250	GF, GG, GH
				EG-4, 7, 10, 18, 21, 22, 34, 38, 44, 47
	Exhaust brake magnetic valve	sa10	82580-9250	GF, GG
				EG-4, 8, 11, 17,
	Fluorescent light	h3	82580-7330	DA
				CA-1, 2
	Fluorescent light switch	a70	82560-3010	DA
				IP-3, 7
	Front endout marker light LH	h6	82580-8100	CB, CC, EM
				CA-1, 2, 3
	Front endout marker light RH	h7	82580-8100	CB, CC, EM
				CA-1, 2, 3
	Front fog light relay	—	—	CI
				—
	Front fog light switch	a5	82580-6060	CI
				IP-4, 8
	Front speaker LH	a30	82580-8610	EJ
				IP-1, 8
	Front speaker RH	a31	82580-8610	EJ
				IP-4, 5
	Fuel filter level sensor	ec1	82580-9420	BA
				EG-3, 7, 10, 15, 16, 20, 29, 30, 31, 43

NAME		CONNECTOR No.	PART No.	CIRCUIT OR AREA
F	Fuel filter level sensor (A09C)	ed14	82580-9420	BA EG-35, 39
	Fuel filter level sensor (Thailand P11C)	ee12	82580-9420	BA EG-27
	Fuel gauge sender unit	b55	82580-5440	BA, BE EG-4, 8, 11, 17, 18, 21, 22, 29, 30, 31, 32, 33, 36, 37, 44, 46
	Fuel gauge sender unit (FT, GT)	b138	82580-6600	BA EG-22, 44
	Fuel gauge sender unit (Australia standard)	sg1	82580-5440	BA EG-18, 29, 30, 40
	Fuel gauge sender unit (Australia ADR)	sg2	82580-6600	BA EG-18, 29, 30
	Fuel injector No.1 (J05D, J05E, J08E)	ia1	82580-7990	GA, GC, GD EG-3, 7, 10, 15, 16, 20, 29, 30, 31, 43
	Fuel injector No.1 (A09C)	ib1	82580-7990	GM EG-36, 37
	Fuel injector No.1 (Thailand P11C)	ic1	82580-9600	GB EG-32, 33
	Fuel injector No.2 (J05D, J05E, J08E)	ia2	82580-7990	GA, GC, GD EG-3, 7, 10, 15, 16, 20, 29, 30, 31, 43
	Fuel injector No.2 (A09C)	ib2	82580-7990	GM EG-36, 37
	Fuel injector No.2 (Thailand P11C)	ic2	82580-9600	GB EG-32, 33
	Fuel injector No.3 (J05D, J05E, J08E)	ia3	82580-7990	GA, GC, GD EG-3, 7, 10, 15, 16, 20, 29, 30, 31, 43
	Fuel injector No.3 (A09C)	ib3	82580-7990	GM EG-36, 37
	Fuel injector No.3 (Thailand P11C)	ic3	82580-9600	GB EG-32, 33
	Fuel injector No.4 (J05D, J05E, J08E)	ia4	82580-7990	GA, GC, GD EG-3, 7, 10, 15, 16, 20, 29, 30, 31, 43
	Fuel injector No.4 (A09C)	ib4	82580-7990	GM EG-36, 37
	Fuel injector No.4 (Thailand P11C)	ic4	82580-9600	GB EG-32, 33
	Fuel injector No.5 (J05D, J05E, J08E)	ia5	82580-7990	GA, GC, GD EG-7, 10, 15, 16, 20, 29, 30, 31, 43
	Fuel injector No.5 (A09C)	ib5	82580-7990	GM EG-36, 37
	Fuel injector No.5 (Thailand P11C)	ic5	82580-9600	GB EG-32, 33

NAME		CONNECTOR No.	PART No.	CIRCUIT OR AREA
F	Fuel injector No.6 (J05D, J05E, J08E)	ia6	82580-7990	GA, GC, GD
				EG-7, 10, 15, 16, 20, 29, 30, 31, 43
	Fuel injector No.6 (A09C)	ib6	82580-7990	GM
				EG-36, 37
	Fuel injector No.6 (Thailand P11C)	ic6	82580-9600	GB
				EG-32, 33
	Fuel temperature sensor	ec3	82580-7120	GA, GC, GD
				EG-3, 7, 10, 15, 16, 20, 29, 30, 43
	Fuel temperature sensor (A09C)	ed8	82580-7120	GM
				EG-35
G	G sensor	a97	82580-8980	HA
				IP-1
H	Headlight beam control actuator LH (On front W/H)	b117	82580-6970	CE
				EG-23
	Headlight beam control actuator LH (On headlight W/H)	sh4	82580-6970	CE, CJ
				EG-1, 5, 9, 12, 19, 23, 42
	Headlight beam control actuator RH (On front W/H)	b118	82580-6970	CE
				EG-23
	Headlight beam control actuator RH (On headlight W/H)	sh3	82580-6970	CE, CJ
				EG-1, 5, 9, 12, 19, 23, 42
	Headlight beam control switch	a46	82560-2290	CE
				IP-4
	Headlight LH (On front W/H)	b3	82580-8420	CA
				EG-1, 2, 12, 13, 14, 23, 24, 26, 27, 35, 45
	Headlight LH (On headlight W/H)	sh2	82580-8420	CA
				EG-1, 2, 5, 6, 9, 12, 19, 23, 25, 42
	Headlight relay (Dimmer)	—	—	AA
				—
	Headlight relay (Main)	—	—	AA
				—
	Headlight RH (On front W/H)	b2	82580-8420	CA
				EG-1, 2, 12, 13, 14, 23, 24, 26, 27, 28, 35, 45
	Headlight RH (On headlight W/H)	sh1	82580-8420	CA
				EG-1, 2, 5, 6, 9, 12, 19, 23, 25, 28, 42
	Headlight washer control relay	a127	82560-2790	EO
				IP-2
	Headlight washer pump motor	a98	82580-8350	EO
				CA-1

NAME		CONNECTOR No.	PART No.	CIRCUIT OR AREA
H	Headlight washer switch	a128	82560-3250	EO
				IP-4
	Heater relay	—	—	FA
				—
	High detection switch	b61	82560-2950	LD
				EG-22, 44
	Hong Kong diode 1	a163	82560-2030	CB
				IP-4
	Hong Kong diode 2	a164	82560-2030	CB
				IP-4
	Horn [High (Terminal B)]	b56	82580-7590	EE
				EG-1, 2, 5, 6, 9, 12, 13, 14, 19, 23, 24, 25, 26, 27, 28, 35, 42, 45
	Horn [High (Terminal L)]	b95	82580-7590	EE
				EG-1, 2, 5, 6, 9, 12, 13, 14, 19, 23, 24, 25, 26, 27, 28, 35, 42, 45
	Horn [Low (Terminal B)]	b57	82580-7590	EE
				EG-1, 2, 5, 6, 9, 12, 13, 14, 19, 23, 24, 25, 26, 27, 28, 35
	Horn [Low (Terminal L)]	b96	82580-7590	EE
				EG-1, 2, 5, 6, 9, 12, 13, 14, 19, 23, 24, 25, 26, 27, 28, 35, 42, 45
	Horn relay	—	—	EE
				—
	Horn switch	a15	82580-8110	EE
				IP-4, 8
I	Idle up 1	a131	82580-6170	GL
				IP-3, 7
	Idle up 2	a132	82580-6170	GL
				IP-3, 7
	Idle up switch	a172	82580-6060	LH
				IP-3
	Idle volume	a35	82580-8660	GA, GB, GC, GD, LG
				IP-4, 8
	Indicator light (Center)	h12	82580-8100	CB
				CA-2

NAME		CONNECTOR No.	PART No.	CIRCUIT OR AREA
I	Indicator light (LH)	h11	82580-8100	CB
				CA-2
	Indicator light (RH)	h13	82580-8100	CB
				CA-2
	Intake manifold temperature sensor	ea9	82580-7800	GC
				EG-7, 15
	Integrated unit (25 pin)	a133	82580-2750	EM, EN
				IP-1
	Integrated unit (14 pin)	a134	82580-5820	EM, EN
				IP-1
	Interface ECU	a48	82560-2470	CJ
				IP-1
K	Keyless entry controller	a126	82580-7210	EL
				IP-3
L	Left turn buzzer	b102	82580-7140	CB
				EG-3
	License plate light 1	d7	82580-6600	CF
				RR-1, 2
	License plate light 1 (Mixer truck)	e7	82580-6600	CH
				RR-2
	License plate light 1 (Tractor)	b83	82580-6600	CF
				RR-3, 4
	License plate light 2	d8	82580-6600	CF
				RR-1, 2
	Light and turn switch	a16	82580-9310	CA, CB, CC, EM, LJ
				IP-4, 8
	Lock amp	a147	82580-7210	FA
				IP-2
	Lo-Hi indicator light relay	—	—	IA, IB
				—
	Low detection switch	b62	82560-3600	LD
				EG-22, 44
	Low pressure switch 1	b10	82560-3610	BB, BE
				EG-18, 21, 34, 47
	Low pressure switch 2	b11	82560-3610	BB
				EG-18, 21, 22, 34, 44
	Low pressure switch 2 (Front)	sa1	82560-3610	BB
				EG-4, 8, 11
	Low pressure switch 2 (Front)	sa16	82560-3590	BB
				EG-4, 8, 11
	Low pressure switch 3	b12	82560-3610	BB
				EG-18, 21, 22, 34, 44
	Low pressure switch 3 (Rear)	sa2	82560-3610	BB
				EG-4, 8, 11
	Low pressure switch 3 (Rear)	sa17	82560-3590	BB
				EG-4, 8, 11, 46

NAME		CONNECTOR No.	PART No.	CIRCUIT OR AREA
L	Low pressure switch 3 (Rear)	sa23	82560-3590	BB
				EG-4, 8
	Low pressure switch 3 (Wet)	sa11	82560-3610	BB, BE
				EG-4, 8, 17, 34, 38
	Low pressure switch 3 (Wet)	sa22	82560-3590	BB
				EG-4, 8, 18
M	Master cylinder sensor (Brake fluid pressure sensor)	sa21	82580-8760	HA
				EG-4, 8, 11
	Mirror heater LH	g9	82580-9460	EK
				CA-1, 3
	Mirror heater relay	a125	82660-1070	EK
				IP-1
	Mirror heater RH	f9	82580-9460	EK
				CA-1, 3
	Mirror heater switch	a124	82580-6060	EK
				IP-3
	Modulator (Front or Front LH)	b70	82560-1340	HB
				EG-12, 18, 19, 23, 26
	Modulator (Front RH)	b69	82560-1340	HB
				EG-12, 26, 29, 30
	Modulator (Rear LH)	c6	82560-1340	HB
				RR-1, 2
	Modulator [Rear LH (Indonesia)]	b156	82560-1340	HB
				RR-3
	Modulator [Rear LH (Taiwan)]	sa14	82560-1340	HB
				EG-18
	Modulator (Rear RH)	c7	82560-1340	HB
				RR-1, 2
	Modulator [Rear RH (Indonesia)]	b155	82560-1340	HB
				RR-3
	Modulator [Rear RH (Taiwan)]	sa15	82560-1340	HB
				EG-18
	MPROP (Supply pump)	ed10	S8281-E0040	GM
				EG-35
N	Neutral switch	b50	82580-7180	AD
				EG-3, 7, 11, 15, 21, 22, 29, 30, 36, 40, 43
	Neutral switch (EATON, ZF transmission)	b49	82560-1340	AD
				EG-15, 30, 31, 32, 33, 36, 37, 46
	Neutral switch	b64	82580-7180	LD
				EG-22, 44
O	Oil pressure switch	eb5	82580-6830	BA
				EG-1, 2, 5, 6, 9, 12, 14, 19, 23, 25, 42
	Oil pressure switch (Indonesia, Vietnam)	b15	82580-6830	BE
				EG-13, 24, 28, 45

NAME		CONNECTOR No.	PART No.	CIRCUIT OR AREA
O	Oil pressure switch (A09C)	ed23	82580-6830	BA
				EG-35
	Oil pressure switch (Thailand P11C)	ee11	82580-6830	BA
				EG-27
	Output speed sensor	b97	82828-1610	ID
				EG-16, 29
P	Over run relay	a94	82580-6920	BD
				IP-2, 6
	P.T.O. accelerator sensor	sl1	82560-1260	GL
				EG-4, 8, 11, 17, 18, 21, 22, 34, 44
	P.T.O. accelerator sensor (A09C)	b147	82560-1260	GP
				EG-38
	P.T.O. clutch switch	a13	82560-3030	KA, KB, KC, LD, LH
				IP-4, 8
	P.T.O. diode	a167	82560-2030	KA, KC
				IP-4, 8
	P.T.O. diode (ZF9S1310)	a171	82560-4180	KA, LH
				IP-4
	P.T.O. magnetic valve	sk2	82580-9250	KA, KB, KC
				EG-3, 7, 11, 17, 18, 21, 22, 34, 44, 47
	P.T.O. magnetic valve (ZF transmission)	b131	82580-9250	KA
				EG-34, 38
	P.T.O. position switch	sk1	82580-9250	KA
				EG-3, 7, 11, 15, 21, 22, 30, 44
	P.T.O. position switch (EATON transmission)	sk3	82580-6570	KB
				EG-15, 30, 31, 46
	P.T.O. position switch (ZF transmission)	b53	82560-1340	KA
				EG-30, 31, 32, 33, 36, 37
	Parking brake lever switch	a45	82560-2990	HD
				IP-3
	Parking brake switch	a71	82560-3030	BA, BD
				IP-3, 7
	Parking light switch	a3	82560-2900	CB
				IP-4, 8
	PCV 1	ee2	82580-8260	CB
				EG-27
	PCV 2	ee3	82580-8260	CB
				EG-27
	PCV diode	a169	82580-3800	GB
				IP-2
	PCV relay	—	—	AA, GB
				—
	Power accessory relay	—	—	AA
				—

NAME		CONNECTOR No.	PART No.	CIRCUIT OR AREA
P	Power door lock actuator [Passenger's seat side (Left-hand drive)]	f7	82580-7660	EB CA-2
	Power door lock actuator [Passenger's seat side (Right-hand drive)]	g4	82580-7660	EA, EM CA-1, 3
	Power door lock actuator (Rear LH)	k1	82580-7660	EA, EM CA-3
	Power door lock actuator (Rear RH)	j1	82580-7660	EA, EM CA-3
	Power door lock controller	a75	82580-6870	EA, EB IP-3, 7
	Power door lock switch [Driver's seat side (Left-hand drive)]	g7	82560-3300	EB CA-2
	Power door lock switch [Driver's seat side (Right-hand drive)]	f3	82560-3300	EA, EM CA-1, 3
	Power mirror motor	a67	82580-9420	ED CA-1
	Power mirror relay	a68	82580-6870	ED IP-3
	Power mirror switch	a66	82560-2840	ED IP-3
	Power mode switch	a149	82580-7210	GI, LH IP-3
	Power relay No.1	—	—	AA —
	Power relay No.2	—	—	AA —
	Power relay No.3	—	—	AA —
	Power relay No.4	—	—	AA —
	Power window motor [Driver's seat side (Left-hand drive)]	g8	82580-9420	EI CA-2
	Power window motor [Driver's seat side (Right-hand drive)]	f4	82560-4400	EH CA-1, 3
	Power window motor [Passenger's seat side (Left-hand drive)]	f8	82560-4400	EI CA-2
	Power window motor [Passenger's seat side (Right-hand drive)]	g5	82580-9420	EH CA-1, 3
	Power window motor (Rear LH)	k3	82580-9420	EH CA-3
	Power window motor (Rear RH)	j3	82580-9420	EH CA-3
	Power window switch [Driver's seat side (Left-hand drive)]	g6	82580-7210	EI CA-2
	Power window switch [Driver's seat side (Right-hand drive)]	f5	82580-7210	EH CA-1, 3

NAME		CONNECTOR No.	PART No.	CIRCUIT OR AREA
P	Power window switch [Passenger's seat side (Left-hand drive)]	f6	82580-6250	EI CA-2
	Power window switch [Passenger's seat side (Right-hand drive)]	g3	82580-6250	EH CA-1, 3
	Power window switch (For rear LH) (Driver's seat side)	a50	82560-2840	EH IP-4
	Power window switch (For rear LH) (Rear seat side)	k2	82560-3250	EH CA-3
	Power window switch (For rear RH) (Driver's seat side)	a51	82560-2860	EH IP-4
	Power window switch (For rear RH) (Rear seat side)	j2	82560-3250	EH CA-3
	Pressure switch (Triple)	a61	82580-4810	FA CA-1, 2, 3
	Pre-stroke sensor and actuator	eb9	82580-8220	GE EG-26, 28
	Pulse adjust computer	a81	82580-7960	BA, BD IP-2, 5
R	Rack sensor	eb8	82580-6130	EG EG-26, 28
	Radio/Audio unit	a79	82580-8810	EJ IP-2, 6
	Range Hi switch	b48	82560-1340	IB EG-30, 31, 32, 33, 36, 37
	Range Lo switch	b47	82560-1340	IA EG-15, 30, 31, 46
	Rear combination light LH	d1	82580-8350	CB, CC, EM RR-1, 2
	Rear combination light LH (Mixer truck)	e1	82580-8350	CD RR-2
	Rear combination light LH (Tractor)	b79	82580-8350	CB RR-3, 4
	Rear combination light RH	d3	82580-8350	CB, CC, EM RR-1, 2
	Rear combination light RH (Mixer truck)	e3	82580-8350	CD RR-2
	Rear combination light RH (Tractor)	b80	82580-8350	CB RR-3, 4
	Rear fog light	—	—	CI —
	Rear fog light relay	—	—	CI —
	Rear fog light switch	—	—	CI —
	Rear power window relay	—	—	EH —

NAME		CONNECTOR No.	PART No.	CIRCUIT OR AREA
R	Relay and fuse block 090	a2	82580-7330	AA
				IP-1, 5
	Relay and fuse block 312	a1	82580-8460	AA
				IP-1, 5
	Retarder ECU (Control unit)	b42	82560-3540	HE
				EG-8, 18
	Retarder ECU (Drive unit main 1)	b37	82580-6040	HE
				EG-7, 15
	Retarder ECU (Drive unit main 2)	b38	82580-6040	HE
				EG-7, 15
	Retarder main unit (Main 1)	b40	82580-6040	HE
				EG-8, 18
S	SCV (Suction Control Valve)	ec4	82580-8260	GA, GC, GD
				EG-3, 7, 10, 15, 16, 20, 29, 30, 31, 43
	Seat belt switch	i3	82580-8660	EG
				CA-1
	Seat belt switch (For Australia)	i8	82580-6820	EG
				CA-1, 3
	Seat belt switch (For New Zealand double cab)	i9	82580-7130	EG
				CA-3
	Seat belt pretensioner	i20	82560-2480	ER
				CA-1, 3
	Service power (Ignition)	a104	9784-04050	AA
				IP-3, 7
	Service power (Tail)	b46	82580-4240	AB
				EG-4, 8, 11, 17, 18, 21, 22, 34, 38, 44, 47
	Side marker light LH	a54	82560-1670	CB, CC, EM
				CA-1, 3
	Side marker light RH	a55	82560-1670	CB, CC, EM
				CA-1, 3
	Side turn signal light (Front LH)	g1	82580-7660	EM
				CA-1, 3
	Side turn signal light (Front LH)	g2	82580-7580	CB, CC
				CA-1, 2, 3
	Side turn signal light (Front RH)	f1	82580-7660	EM
				CA-1, 3
	Side turn signal light (Front RH)	f2	82580-7580	CB, CC
				CA-1, 2, 3

NAME		CONNECTOR No.	PART No.	CIRCUIT OR AREA
S	Side turn signal light (Mid LH)	si2	82580-7660	CB
				EG-4, 18
	Side turn signal light (Mid RH)	si1	82580-7660	CB
				EG-4, 18
	Spot light	b84	82580-6600	CK
				EG-31, 33, 37, 46
	Spot light switch	b85	82580-7140	CK
				EG-31, 33, 37, 46
	Spring brake switch	c2	82560-3590	BC
				RR-1, 2, EG-40
	Spring brake switch (Models FT, GT)	b74	82560-3590	BC
				RR-1
	Spring brake switch (New Zealand FM mixer truck)	e11	82560-3590	BC
				RR-2
	Starter (Terminal B)	b1	28181-1100	AD, AE
				EG-1, 2, 5, 6, 9, 12, 13, 14, 19, 29, 30, 31, 32, 36, 37, 42, 46
	Starter (Terminal B)	ba2	7003-1733-02	AD, AE
				EG-3, 7, 10, 12, 13, 14, 19, 29, 30, 31, 36, 37, 42, 46
	Starter (Terminal C)	b18	82580-6730	AD, AE
				EG-1, 2, 5, 6, 9, 12, 13, 14, 19, 29, 30, 31, 32, 33, 42, 46
	Starter [Terminal C (A09C)]	ed27	82580-6730	AD
				EG-36, 37
	Starter relay (Coil)	b19	82580-6600	AD, AE
				EG-1, 2, 5, 6, 10, 12, 13, 14, 20, 23, 24, 25, 26, 28, 32, 33, 36, 37, 40, 42, 45
	Starter relay (Terminal B)	b20	9806-06050	AD, AE
				EG-1, 2, 5, 6, 10, 12, 13, 14, 20, 23, 24, 25, 26, 28, 32, 33, 36, 37, 42, 45
	Starter relay (Terminal C)	b21	9806-06050	AD, AE
				EG-1, 2, 5, 6, 10, 12, 13, 14, 20, 23, 24, 25, 26, 28, 32, 33, 42, 45
	Starter relay [Terminal C (A09C)]	ed26	9806-06050	AD
				EG-36, 37
	Starter switch	a20	82580-6060	AA
				IP-4, 8
	Stop light relay	—	—	CB
				—
	Stop light switch	a12	82560-3030	CB, EM, GC, GK
				IP-4, 8
	Stop light switch	a181	82560-3030	GD
				IP-8

NAME		CONNECTOR No.	PART No.	CIRCUIT OR AREA
T	Tachometer sensor	b25	82580-7580	BE EG-2, 13, 14, 24, 25, 46
	Tail light relay No.1	—	—	AA —
	Tail light relay No.2	—	—	AA —
	TICS ECU (12 pin)	a92	82560-2350	GE IP-2, 5
	TICS ECU (16 pin)	a91	82560-1810	GE IP-2, 5
	TICS ECU (22 pin)	a93	82560-2360	GE IP-2, 5
	TICS ECU (26 pin)	a90	82560-1220	GE IP-2, 5
	Trailer hand brake switch	a105	82580-6820	BA, BD IP-3
	Trailer socket	b66	82580-2780	CB, LE EG-31, 33, 37
	Trailer socket (Indonesia SG)	b67	82580-6040	CB, LE EG-46
	Trailer socket (New Zealand FM mixer truck)	e16	82560-3460	LE RR-2
	Trailer stop light switch	b68	82560-3610	CB EG-31, 33, 37, 47
	Trailer stop light switch (New Zealand FM mixer truck)	e10	82560-3610	CD RR-2
	Transfer control magnetic valve (4WD/2WD change)	b59	82580-9250	LD EG-22, 44
	Transfer control magnetic valve (High/Low change)	b60	82580-9250	LD EG-22, 44
	Transfer control magnetic valve (Holding)	b58	82580-9250	LD EG-22, 44
	Transfer control magnetic valve (Holding low position)	b65	82580-9250	LD EG-22, 44
	Transfer controller	a34	82580-3510	LD IP-1
	Transfer High/Low selector switch	a32	82580-6920	LD IP-3
	Transfer warning buzzer	a10	82560-2990	LD IP-4
	Transmission P.T.O. switch	a72	82580-6870	KA, KB, KC IP-3, 8
	Turbine speed sensor	ed21	82828-1100	GO EG-35
	Turn signal flasher	a95	82580-6060	CB, CC IP-1, 6

NAME		CONNECTOR No.	PART No.	CIRCUIT OR AREA
T	Turn signal light (Front LH)	a52	82580-7660	CB, CC, EM
				CA-1, 2, 3
	Turn signal light (Front RH)	a53	82580-7660	CB, CC, EM
				CA-1, 2, 3
V	VCS actuator relay	—	—	LG
				—
	VCS ECU (31 pin)	a150	82824-E0060	LG
				IP-1
	VCS ECU (35 pin-2)	a151	82824-E0070	LG, LH, LI
				IP-1
	VCS ECU (34 pin)	a152	82824-E0080	LG, LH, LI
				IP-2
	VCS ECU (35 pin-1)	a153	82824-E0100	LG, LH
				IP-2
	VCS ECU (32 pin)	a154	82824-E0090	LC, LG, LJ
				IP-2
	Vehicle height sensor (Front)	b140	82560-4750	CJ
				EG-5, 12
	Vehicle height sensor (Rear)	c9	82560-4750	CJ
				RR-1
	Vehicle speed diode	a173	82560-3800	GM
				IP-4
	Vehicle speed sensor	b23	82560-3570	BA, BE
				EG-3, 7, 11, 15, 21, 22, 29, 30, 31, 32, 33, 36, 37, 40, 44, 46
	VNT actuator	ed22	82828-1430	GO
				EG-35
	VNT controller	eb6	82580-8490	GC, GD
				EG-1, 2, 5, 6, 9, 12, 14, 19, 23, 42
	VNT controller (A09C)	ed6	82560-3560	GO
				EG-35
W	Warning buzzer	a11	82580-6390	BA, BD
				IP-4, 8
	Warning light check relay	—	—	BA
				—
	Washer pump motor	a98	82580-8350	EC, EN, EO
				CA-1, 2, 3
	Waste gate magnetic valve	b27	82580-9250	GE
				EG-26, 28
	Wheel sensor (Front LH)	b5	82560-4720	HA, HB
				EG-1, 2, 5, 6, 9, 12, 14, 19, 23, 26, 42
	Wheel sensor (Front RH)	b4	82560-4720	HA, HB
				EG-3, 5, 6, 9, 12, 14, 26, 29, 30, 42
	Wheel sensor (Rear LH)	b77	82560-4720	HA
				RR-1, 3

NAME		CONNECTOR No.	PART No.	CIRCUIT OR AREA
W	Wheel sensor (Rear LH)	c4	82560-4720	HA, HB
				RR-1, 2
	Wheel sensor (Rear RH)	b75	82560-4730	HA
				RR-1, 3
	Wheel sensor (Rear RH)	b76	82560-4720	HA
				RR-1
	Wheel sensor (Rear RH)	c3	82560-4730	HA
				RR-1
	Wheel sensor (Rear RH)	c8	82560-4720	HB
				RR-1, 2
	Wiper and retarder switch	a18	82580-9320	CB, CC, EC, EM, EN, EO, GF, GG, GH, HE, LI
				IP-4, 8
Z	Wiper controller	a96	82580-5820	EC
				IP-1, 6
	Wiper motor (Standard cab)	a59	82580-8350	EC, EN
				CA-1, 2, 3
	Wiper motor (Wide cab)	a60	82580-8350	EC, EN
				CA-1, 2, 3
	ZF power shift magnetic valve	b146	82560-9250	IC
				EG-32, 33, 36, 37

WIRE TO WIRE CONNECTOR

CONNECTOR No.	NAME	PART No.		CIRCUIT OR AREA
		MALE	FEMALE	
a-b 1	Cab main wiring harness to Front wiring harness 1	82560-2110	82560-2120	AA, AB, AD, AE, AH, BA, BD, BE, BG, BI, CA, CB, CD, CE, CF, CH, CI, CJ, EM, ER, GA, GB, GC, GD, GE, GF, GG, GH, GM, HB, HC, HE, IA, IB, ID, JA, LA, LD, LE, LF, LG, MA
				IP-1, 5, EG-1, 2, 5, 6, 9, 12, 13, 14, 19, 23, 24, 25, 26, 27, 28, 35, 39, 42, 45
a-b 2	Cab main wiring harness to Front wiring harness 2	82560-2130	82560-2140	AA, AD, BA, BB, BC, BD, BE, BF, CB, CD, CI, CK, EE, EM, FA, GM, HA, HC, HD, HF, IC, ID, JA, KA, KB, LD, LE, MA
				IP-1, 5, EG-1, 2, 5, 6, 9, 12, 13, 14, 19, 23, 24, 25, 26, 27, 28, 35, 39, 42, 45
a-b 3	Cab main wiring harness to Front wiring harness 3	82560-2170	82560-2180	CG, GF, HE, ID, JB, LA, LC
				IP-1, EG-5, 9, 12, 19
a-b 4	Cab main wiring harness to Front wiring harness 4	82560-2150	82560-2160	AA, CJ, HA, HB
				IP-1, 5, EG-2, 5, 6, 9, 12, 14, 19, 23, 26, 42
a-b 5	Cab main wiring harness to Front wiring harness 5	82560-2070	82560-2080	GE
				IP-1, EG-26, 28
a-b 6	Cab main wiring harness to Front wiring harness 6	82560-2830	82560-2840	HD
				IP-1, EG-24, 35
a-b 7	Cab main wiring harness to Front wiring harness 7	82580-2910	82580-2920	KA
				IP-1, EG-26, 27, 35
a-b 8	Cab main wiring harness to Front wiring harness 8	82560-2280	82560-2290	GP
				IP-1, EG-35
a-f 1	Cab main wiring harness to Door RH wiring harness 1	82580-7340	82580-7210	CB
				IP-4, CA-1
a-f 2	Cab main wiring harness to Door RH wiring harness 2	82580-8730	82580-8740	CB, CC, EA, EH, EK, EL, EM
				IP-4, CA-1, 3
a-f 3	Cab main wiring harness to Door RH wiring harness 3	82580-6050	82580-6060	EM
				IP-4, CA-1, 3
a-f 4	Cab main wiring harness to Door RH wiring harness 4	82580-8050	82580-6870	CB, EB, EI
				IP-6, CA-2
a-g 1	Cab main wiring harness to Door LH wiring harness 1	82580-8050	82580-6870	CB, CC, EA, EH, EK, EM
				IP-2, CA-1, 3
a-g 2	Cab main wiring harness to Door LH wiring harness 2	82580-7340	82580-7210	CB, EB, EI
				IP-8, CA-2
a-h 1	Cab main wiring harness to Roof wiring harness 1	82580-6060	82580-6050	CB, CC, DA, EM
				IP-1, 5, CA-1, 2, 3
a-i 1	Cab main wiring harness to Floor wiring harness 1	82580-8650	82580-8660	DA
				IP-3, 7, CA-1, 2
a-i 2	Cab main wiring harness to Floor wiring harness 2	82580-7340	82580-7210	DA, EG
				IP-3, CA-1, 3
a-i 3	Cab main wiring harness to Floor wiring harness 3	82580-8730	82580-8740	EA, EH, EM, JB
				IP-3, CA-3

CONNECTOR No.	NAME	PART No.		CIRCUIT OR AREA
		MALE	FEMALE	
a-i 4	Cab main wiring harness to Floor wiring harness 4	82580-7340	82580-7210	BA
				IP-3, CA-1, 3
a-i 5	Cab main wiring harness to Floor wiring harness 5	82580-9010	82824-E0K20	BA, ER
				IP-3, CA-1, 3
a-ea 1	Cab main wiring harness to Engine wiring harness-1_1	82560-2150	82560-2160	BA, EN, FA, GA, GC, GD, GH, GK, HB, MA
				IP-1, 5 EG-1, 2, 5, 6, 9, 12, 14, 19, 23, 25, 42
a-ea 2	Cab main wiring harness to Engine wiring harness-1_2	82560-2090	82560-2100	GC
				IP-1, EG-5, 12
a-ed 1	Cab main wiring harness to Engine wiring harness-1_1	82560-2150	82560-2160	AD, AH, BA, FA, GM, GO, GP, KA, LA, LB, LG, MA
				IP-1, EG-35
a-ed 2	Cab main wiring harness to Engine wiring harness-1_2	82560-3240	82560-3250	FA, GP
				IP-1, EG-35
a-ee	Cab main wiring harness to Engine wiring harness	82560-2150	82824-E0D80	AH, GB
				IP-1, EG-27
a-sc	Cab main wiring harness to Brake lock sub wiring harness	82560-2830	82560-2840	HD
				IP-1, EG-1
a-sf	Cab main wiring harness to Floor panel sub wiring harness	82580-6050	82580-6060	JA
				CA-1
a-sk	Cab main wiring harness to P.T.O. sub wiring harness	82560-2910	82560-2920	KA, KB, KC
				IP-1, 5, EG-1, 2, 5, 6, 9, 12, 13, 14, 19, 23, 24, 25, 42, 45
a-sl	Cab main wiring harness to Working accelerator sensor sub wiring harness	82560-2280	82560-2290	GL
				IP-1, 5, EG-1, 2, 5, 6, 9, 12, 14, 19, 23, 25, 27, 42
b-c 1	Front wiring harness to Intermediate wiring harness 1	82560-1320	82560-1330	CA, CB, CC, CF, CI, CJ, EM, HA, HB, HF, MA
				EG-4, 8, 11, 18, 21, 34
b-c 2	Front wiring harness to Intermediate wiring harness 2	82560-3490	82560-3500	BC, CA, CB, CC, EM, HF, MA
				EG-4, 8, 11, 17, 18, 21, 34, 38
b-d 1	Front (+Intermediate) wiring harness to Rear wiring harness 2	82560-3450	82560-3460	CD, CH, EM, MA
				RR-1
b-e 1	Front wiring harness to Intermediate+rear wiring harness 1	82560-3490	82560-3500	CA, CD, CH, HD, HF, LE, MA
				EG-34, 38
b-e 3	Front wiring harness to Intermediate+rear wiring harness 3	82560-2940	82560-2950	AB, BC, LE
				EG-34
b-ba	Front wiring harness to Battery cable-1	82580-6720	82560-2770	BA, BE, BG, BI, CJ, GE, HB, HC, HE, ID, LD, MA
				EG-4, 8, 11, 17, 18, 20, 34, 38, 43, 47
b-eb 1	Front wiring harness to Engine wiring harness-2_1	82560-3490	82560-3480	AH, BA, FA, GA, GC, GD
				EG-1, 2, 5, 6, 9, 12, 14, 19, 23, 25, 42
b-eb 2	Front wiring harness to Engine wiring harness-2_2	82560-1780	82560-1790	AH
				EG-1, 2, 5, 6, 9, 12, 14, 19, 23, 25, 42

CONNECTOR No.	NAME	PART No.		CIRCUIT OR AREA
		MALE	FEMALE	
b-eb 3	Front wiring harness to Engine wiring harness-2_3	82560-1320	82560-1330	AH, BE, FA, GE
				EG-26, 28
b-eb 4	Front wiring harness to Engine wiring harness-2_4	82580-8480	82580-8490	AH, BE
				EG-13, 24, 45
b-eb 5	Front wiring harness to Engine wiring harness-2_5	82580-9820	82580-9830	AH
				EG-13, 24, 28, 45
b-ee	Front wiring harness to Engine wiring harness	82560-1780	82560-1790	AH
				EG-27, 32, 33
b-sa 1	Front wiring harness to Air tank sub wiring harness 1	82560-3470	82560-3480	BB
				EG-4, 8, 11
b-sa 2	Front wiring harness to Air tank sub wiring harness 2	82560-3470	82560-3480	BB, HA
				EG-4, 8, 11
b-sa 3	Front wiring harness to Air tank sub wiring harness 3	82560-3410	82560-3420	BB, BE, GF, GG
				EG-4, 8, 17
b-sa 4	Front wiring harness to Air tank sub wiring harness 4	82560-3410	82560-3420	BB, BE, GG
				EG-18, 34, 38
b-sa 5	Front wiring harness to Air tank sub wiring harness 5	82560-3470	82580-3480	BB, HB
				EG-18
b-sa 6	Front wiring harness to Air tank sub wiring harness 6	82560-3540	82560-3470	BB
				EG-4, 8
b-sb 1	Front wiring harness to Automatic transmission sub wiring harness 1	82560-1320	82560-1330	ID, LD
				EG-18, 34, 40
b-sb 2	Front wiring harness to Automatic transmission sub wiring harness 2	82560-3530	82560-3540	ID
				EG-18, 34, 40
b-se	Front wiring harness to Brake lock (Pressure switch) sub wiring harness	82580-6590	82580-6600	HD
				EG-34
b-sg	Front wiring harness to Fuel tank sub wiring harness	82580-7170	82580-7180	BA
				EG-18, 29, 30, 40
b-sh	Front wiring harness to headlight sub wiring harness	82560-3490	82560-3500	CA, CE, CJ
				EG-1, 2, 5, 6, 9, 12, 19, 23, 25, 42
b-si	Front wiring harness to Side turn signal light sub wiring harness	82580-8340	82580-8350	CB
				EG-4
c-d 1	Intermediate wiring harness to Rear wiring harness 1	82560-3450	82560-3460	BC, CA, CB, CC, CF, CI, EM, HB, HF, MA
				RR-1, 2
i-j	Floor wiring harness to Rear door RH wiring harness	82580-8410	82580-8420	EA, EH, EM
				CA-3
i-k	Floor wiring harness to Rear door LH wiring harness	82580-8410	82580-8420	EA, EH, EM
				CA-3
ba-bc	Battery cable-1 to Battery cable-3	82580-6720	82560-2770	MA
				EG-4, 8, 11, 15, 16, 20, 34, 38, 43, 47
ea-ec 1	Engine wiring harness-1 to Engine wiring harness-3_1	82560-3470	82560-3480	BA, FA, GA, GD
				EG-3

CONNECTOR No.	NAME	PART No.		CIRCUIT OR AREA
		MALE	FEMALE	
ea-ec 2	Engine wiring harness-1 to Engine wiring harness-3_2	82580- 8410	82580- 8420	BA, GA, GC, GD
				EG-7, 10, 15, 16, 20, 29, 30, 31, 43
ea-id	Engine wiring harness-1 (J05D, J05E, J08E) to Link-up connec- tor	82560- 1200	82560- 3480	GA, GC, GD
				EG-3, 7, 10, 15, 16, 20, 29, 30, 31, 43
ed-id	Engine wiring harness-1 (A09C) to Link-up connector	82828- 1070	82828- 1080	GM, GQ
				EG-36, 37, 40
ed-sm	Engine wiring harness-1 (A09C) to Air flow sensor sub wiring harness	82580- 9950	82580- 8220	GN
				EG-36, 37, 40
ee-id	Engine wiring harness (Thai- land P11C) to Link-up connec- tor	82580- 9880	82580- 9590	GB
				EG-32, 33
id-ia	Link-up connector to Injector wiring harness (J05D, J05E, J08E)	82560- 1200	82580- 7980	GA, GC, GD
				EG-3, 7, 10, 15, 16, 20, 29, 30, 31, 43
id-ib	Link-up connector to Injector wiring harness (A09C)	82828- 1070	82828- 1080	GM, GQ
				EG-36, 37, 40
id-ic	Link-up connector to Injector wiring harness (Thailand P11C)	82580- 9880	82580- 9590	GB
				EG-32, 33
sc-sd	Brake lock sub wiring harness to Brake lock (Pressure switch) sub wiring harness	82580- 6590	82580- 6600	HD
				EG-4
sc-se	Brake lock sub wiring harness to Brake lock (Buzzer) sub wir- ing harness	82580- 6590	82580- 6600	HD
				EG-4

JUNCTION CONNECTOR

CONNECTOR No.	NAME	PART No.	CIRCUIT OR AREA
Ja1	J/C-1	82560-4800 82550-1390 82560-4800	AD, AE, BA, BD, CB, DA, EA, EB, EL, EM, GA, GB, GC, GD, GE, GM, HA, HC, JA, JB, LB, LG, LH
			IP-1, 5
Ja2	J/C-2	82560-4800 82550-1380 82560-4800	AD, BF, CB, CC, CJ, EH, EI, EM, EN, EO, GA, GB, GC, GD, GE, GF, HD, LA, LG, LH, LI
			IP-2, 6
Ja3	J/C-3	82560-4800 82550-1390 82560-4800	BA, BD, BF, BG, BI, CA, CE, CI, EF, EJ, EL, EO, FA, GK, KA, KB, KC, LD
			IP-2, 6
Ja4	J/C-4	82560-2430 82550-1100 82550-1080 82550-1090	BA, CB, CC, CF, CI, CJ, EM, GA, GB, GC, GD, GM, HA, HC, LB, LD, LG
			IP-2, 6
Ja5	J/C-5	82560-2470 82550-1200	BA, BD, GA, GB, GC, GD, GE, GM, HA, HC, HD, LA, LG
			IP-1, 5
Ja6	J/C Common rail-1	82560-4190 82560-4200	AD, GA, GB, GC, GD, GF, GH, GK, GL, GM, HA, HC, ID, LA, LG, LH
			IP-1, 5
Ja7	J/C Common rail-2	82560-4190 82560-4200	GA, GB, GC, GD, GF, GH, GK, GL, KA, KB, KC
			IP-1, 5
Ja8	J/C Common rail-3	7282-5846 82560-2510	GA, GB, GC, GD
			IP-2, 6
Ja9	J/C Common rail-4	82550-1360	GA, GB, GC, GD
			IP-2, 6
Ja10	J/C Earth G4-a	82580-8740 82550-1040	BA, BD, BG, BH, BI, HB, HC, ID, LD, MA
			IP-3, 7
Ja11	J/C CAN	82580-8740 82550-1060	LB, LC
			IP-3, 6
Ja12	J/C Earth DR-N	82550-1360	GA, GB, GC, GD
			IP-1, 6
Ja13	J/C Earth G3	82580-8740 82550-1040	AC, AE, BA, BD, CB, CC, CE, CF, DA, EA, EB, ED, EG, EK, EL, EM, EO, GC, GI, GJ, GK, HA, HD, IA, IB, ID, KA, KB, KC, LA, LH, MA
			IP-3, 7
Ja14	J/C Engine CAN	82580-6040 82550-1230	GO
			EG-35
Ja20	SA/SB J/C	82550-1360	ER, LA
			IP-2
Ja21	ISOK JC4P	82550-1360	ER, LB
			IP-4
Ja22	SA/SB E1JC	82550-1360	ER
			IP-3

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	S1-YFCE18B EWD '06-11
	S1-YFCE18C EWD '07-3
	S1-YFCE18D EWD '07-8
	S1-YFCE18E EWD '07-12
	S1-YFCE18F EWD '08-3
	S1-YFCE18G EWD '08-5
	S1-YFCE18H EWD '08-7
	S1-YFCE18I EWD '09-2
	S1-YFCE18J EWD '10-2
	S1-YFCE18K EWD '10-4