

WIRING SYSTEM SECTION**WIRING SYSTEM****WI**

This service manual has been prepared to provide SUBARU service personnel with the necessary information and data for the correct maintenance and repair of SUBARU vehicles.

This manual includes the procedures for maintenance, disassembling, reassembling, inspection and adjustment of components and diagnostics for guidance of experienced mechanics.

Please peruse and utilize this manual fully to ensure complete repair work for satisfying our customers by keeping their vehicle in optimum condition. When replacement of parts during repair work is needed, be sure to use SUBARU genuine parts.

All information, illustration and specifications contained in this manual are based on the latest product information available at the time of publication approval.

WIRING SYSTEM



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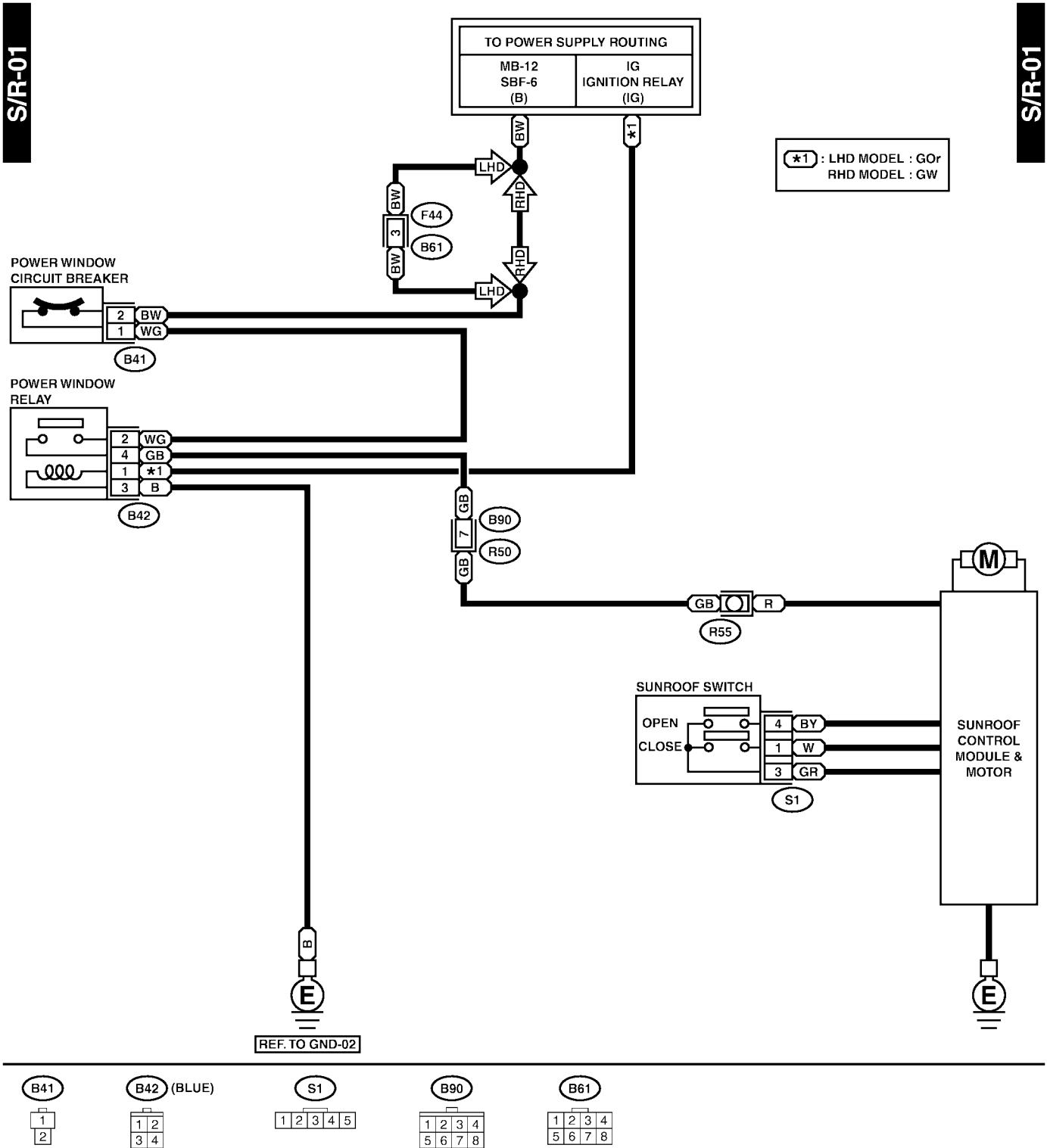
DIAGNOSTICS CHART WITH TROUBLE CODE

Wiring System

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42. Sunroof System S903440

A: SCHEMATIC S903440A21



TURN SIGNAL LIGHT AND HAZARD LIGHT SYSTEM

Wiring System

43. Turn Signal Light and Hazard Light System

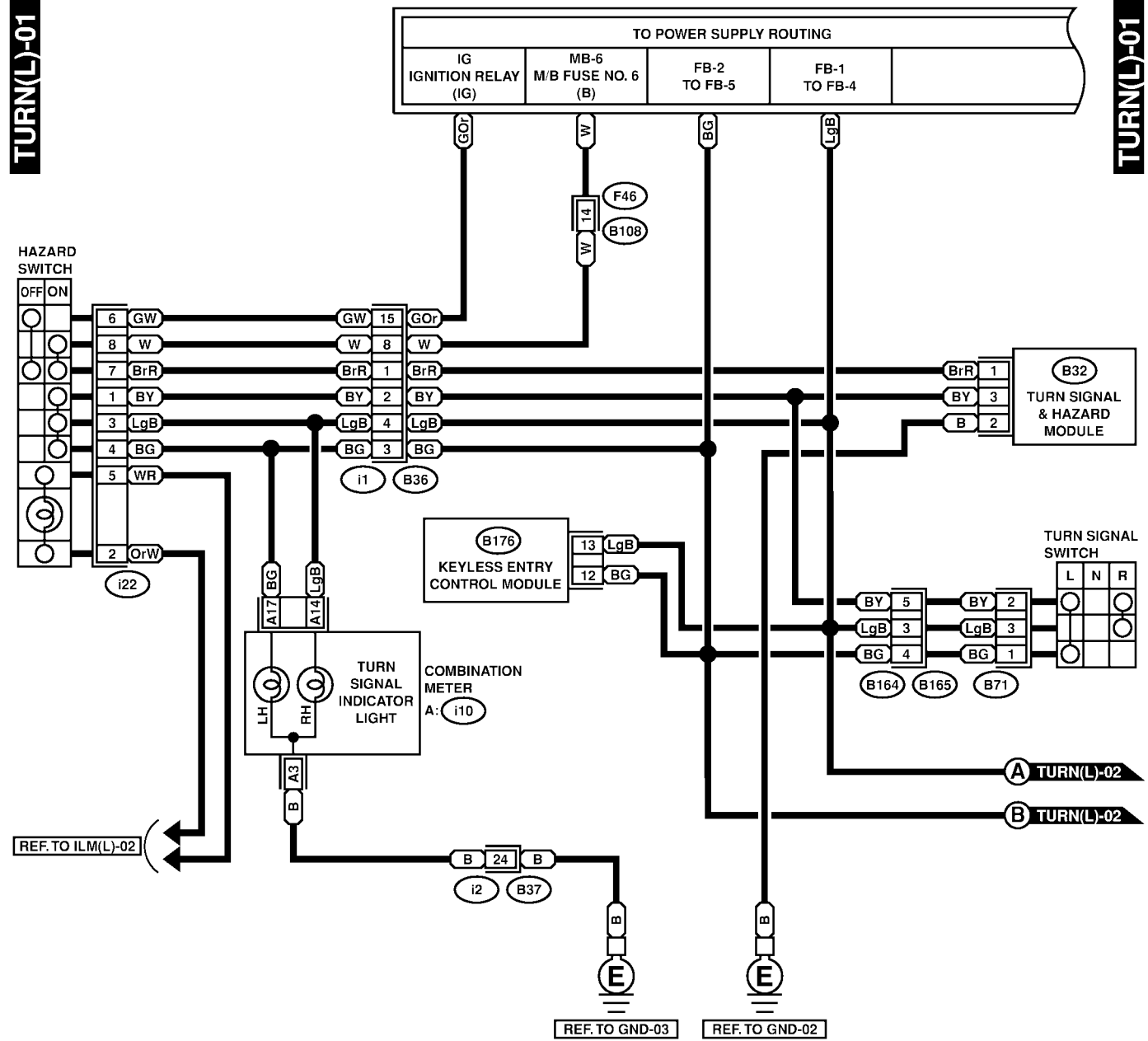
S903481

A: SCHEMATIC

S903481A21

1. LHD MODEL

S903481A2101



B32 (BLACK)



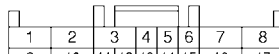
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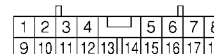
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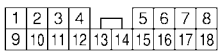
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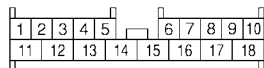
A: i10 (GREEN)



B164



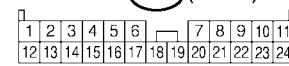
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B108

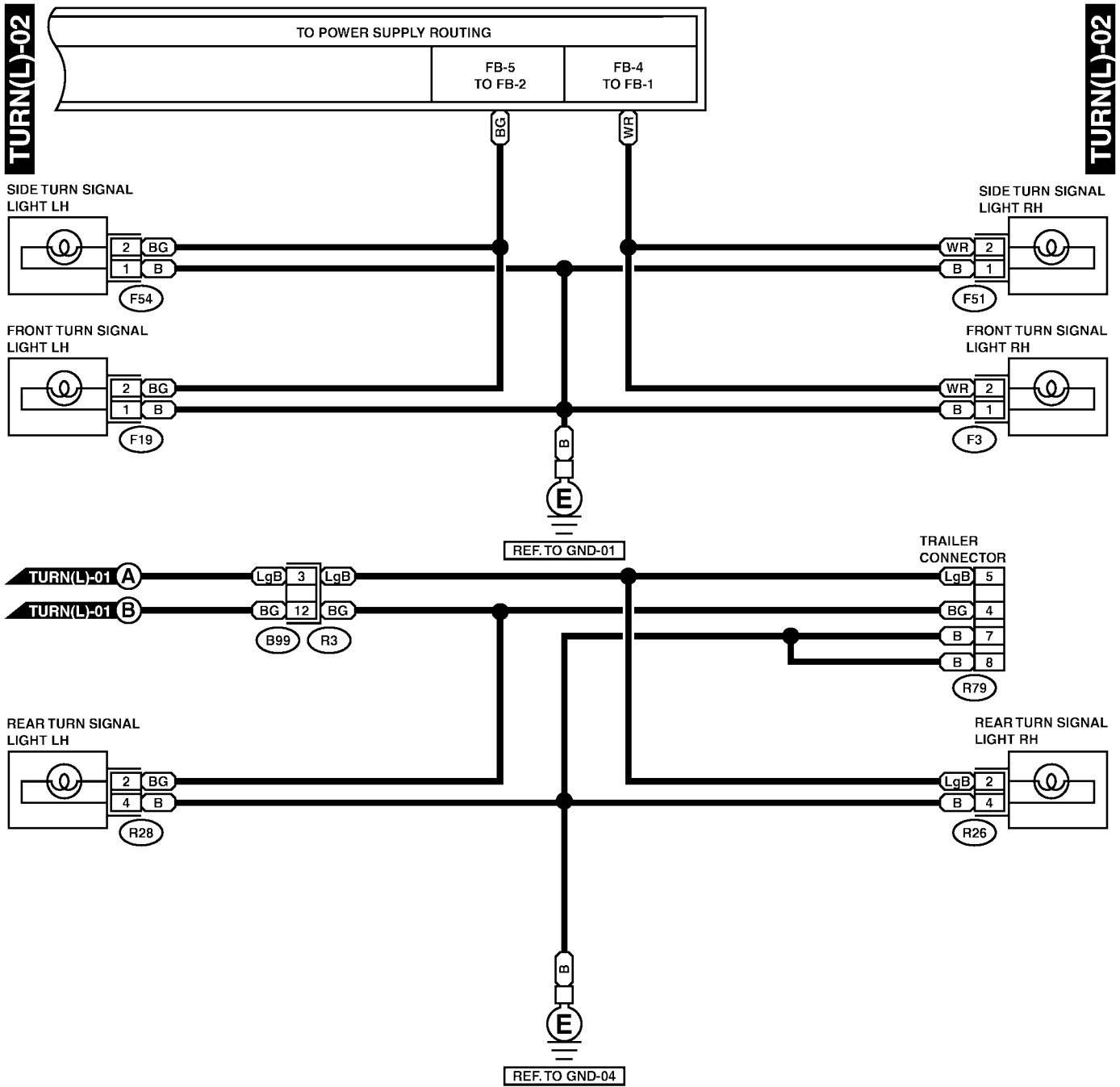


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TURN SIGNAL LIGHT AND HAZARD LIGHT SYSTEM

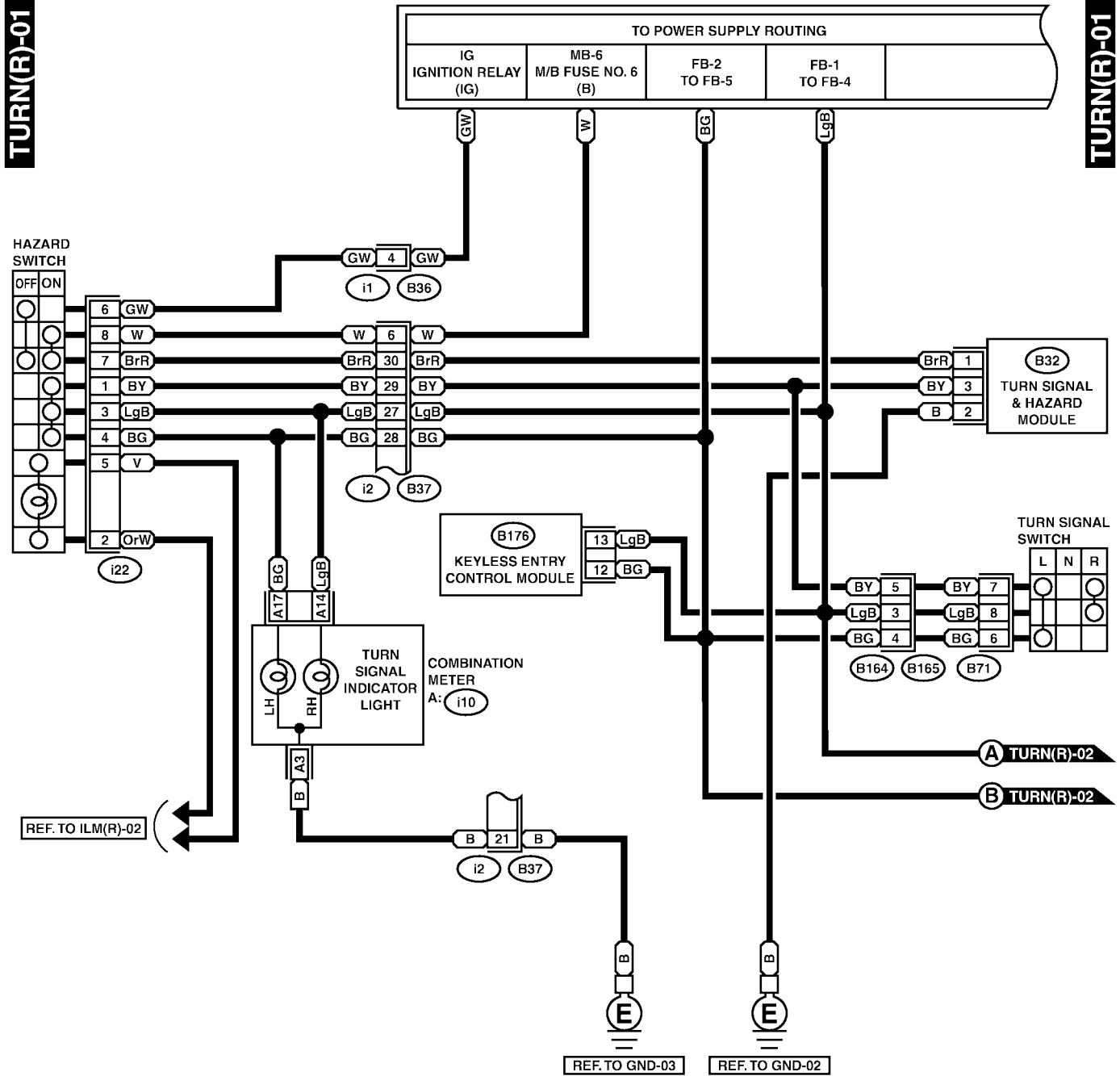
Wiring System



TURN SIGNAL LIGHT AND HAZARD LIGHT SYSTEM

Wiring System

2. RHD MODEL S903481A2102



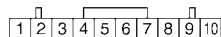
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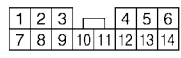
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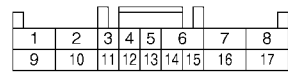
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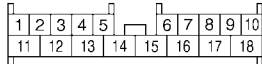
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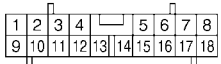
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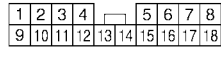
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A: i10 (GREEN)



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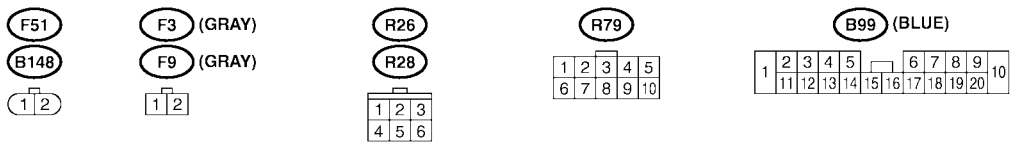
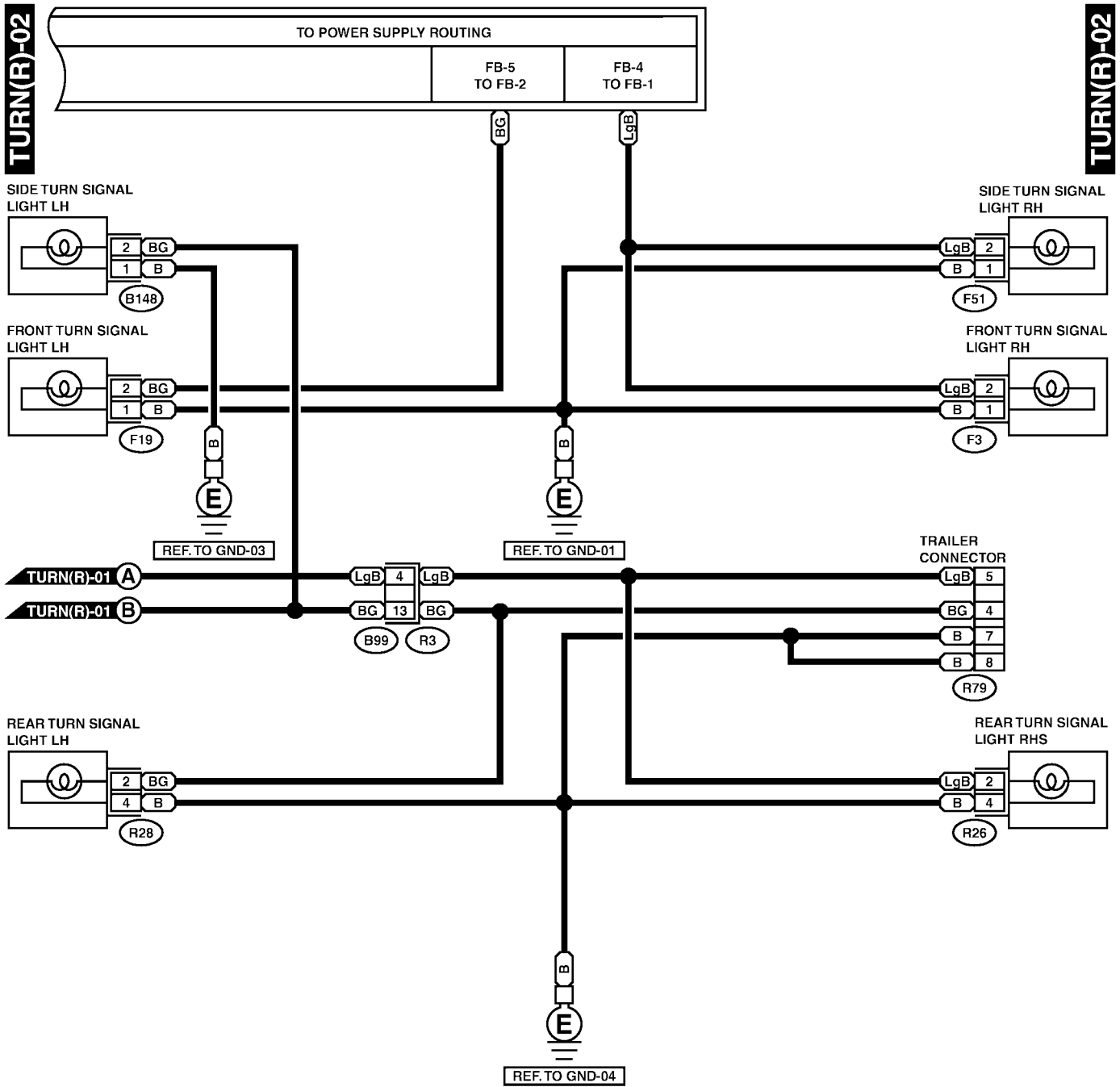


i2



TURN SIGNAL LIGHT AND HAZARD LIGHT SYSTEM

Wiring System



WIPER AND WASHER SYSTEM (FRONT)

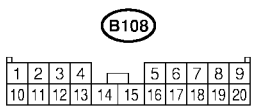
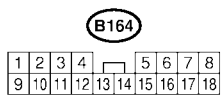
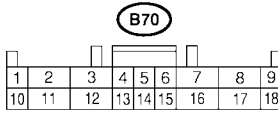
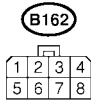
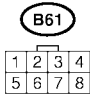
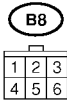
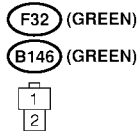
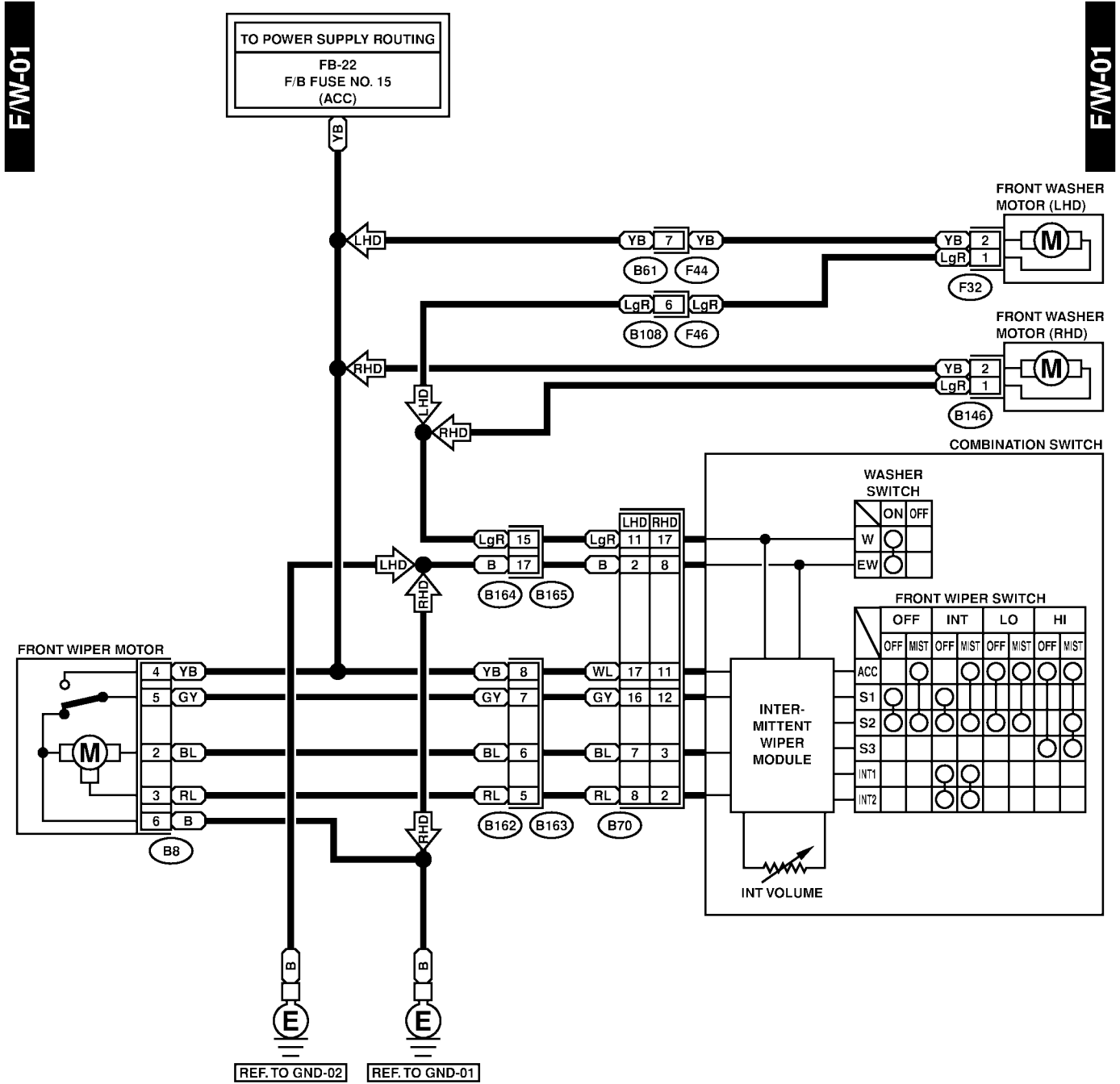
Wiring System

44. Wiper and Washer System (Front)

S903442

A: SCHEMATIC

S903442A21

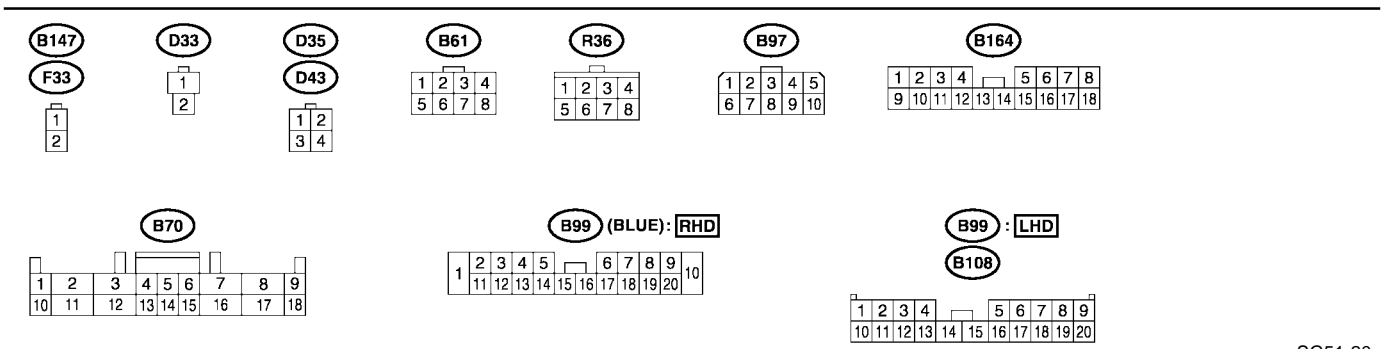
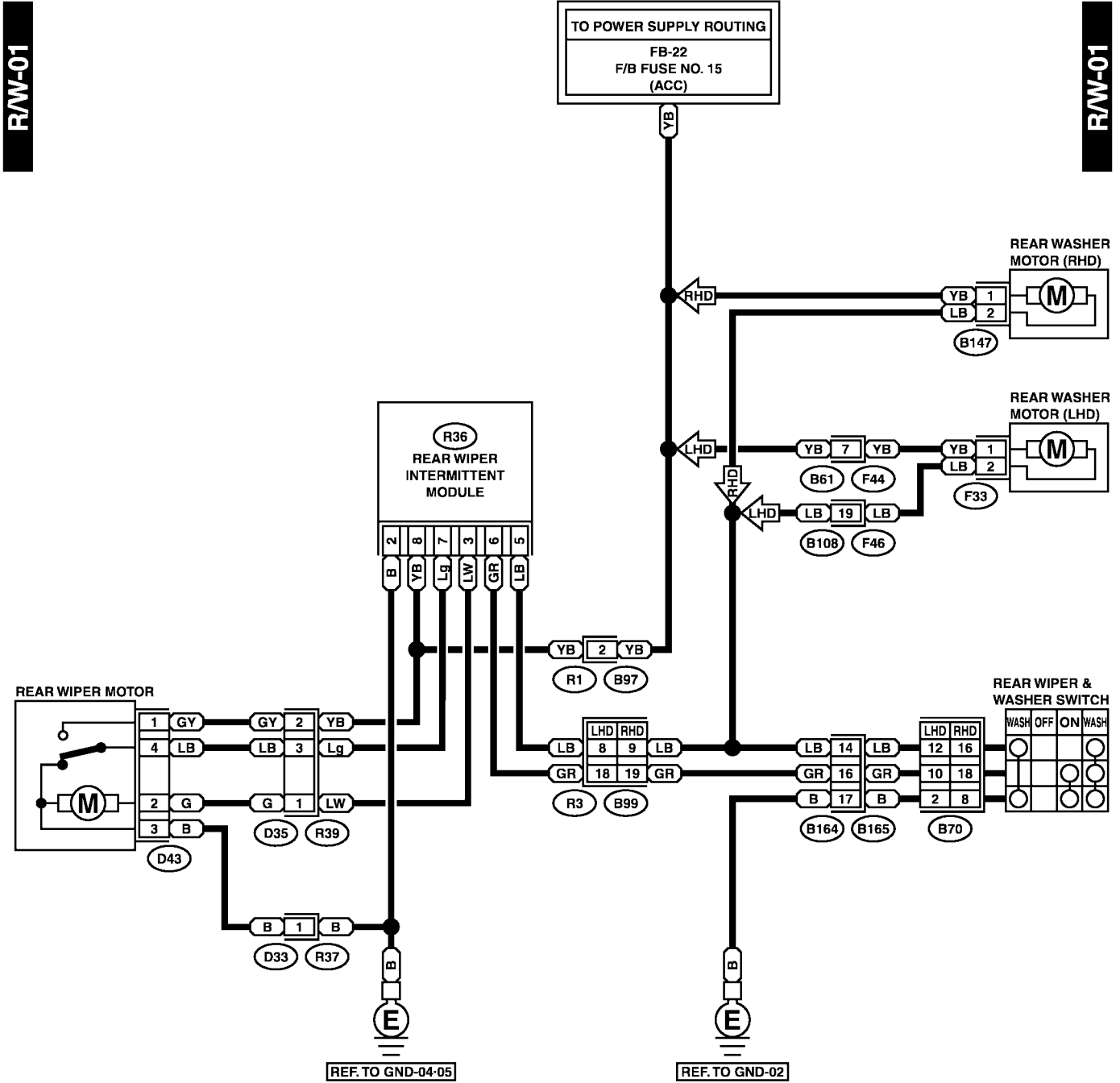


45. Wiper and Washer System (Rear)

S903443

A: SCHEMATIC

S903443A21

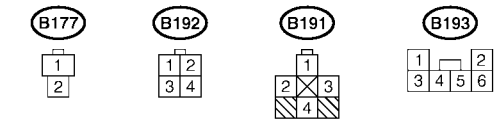
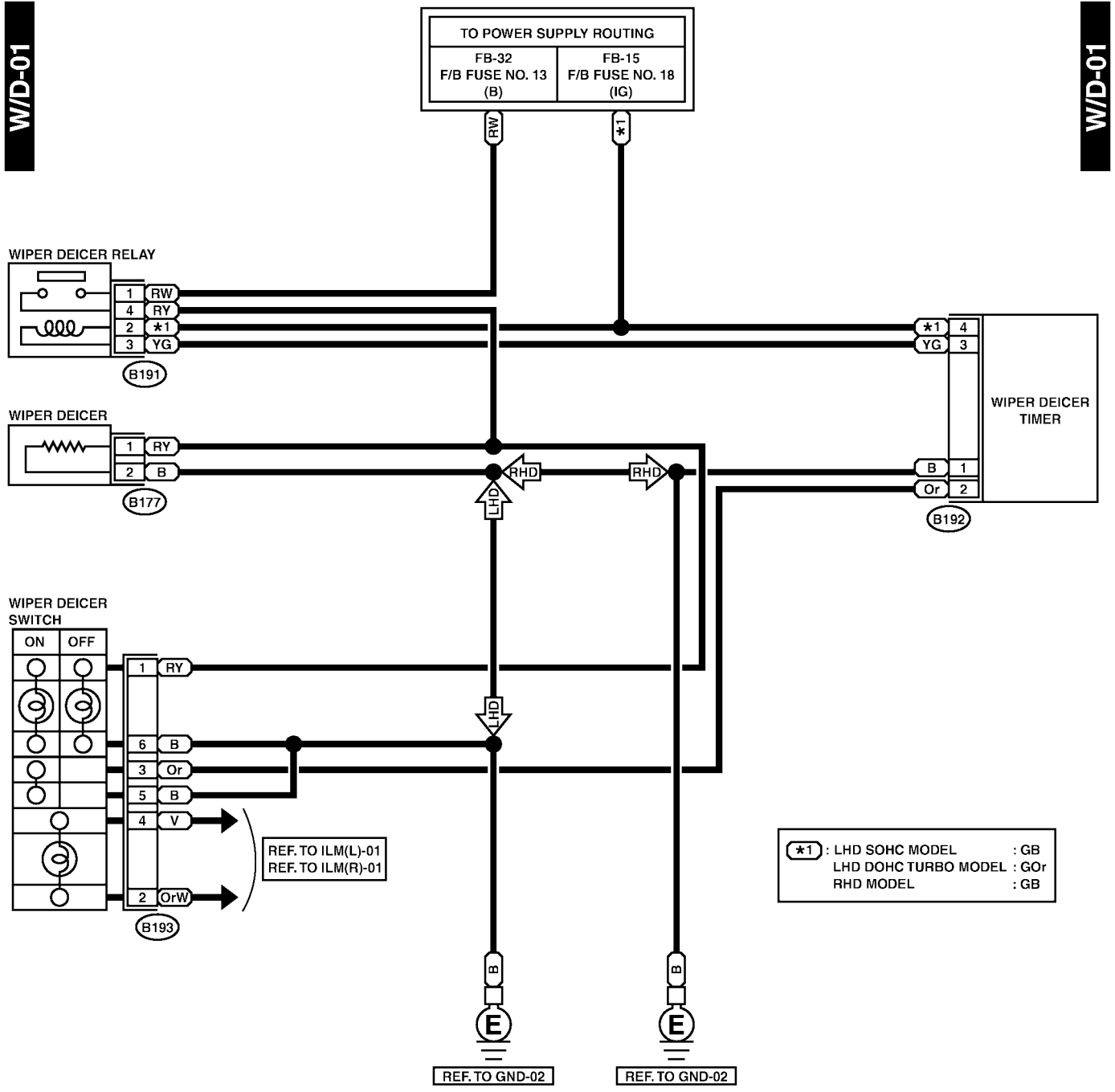


WIPER DEICER SYSTEM

Wiring System

46. Wiper Deicer System S903444

A: SCHEMATIC S903444A21



MEMO:

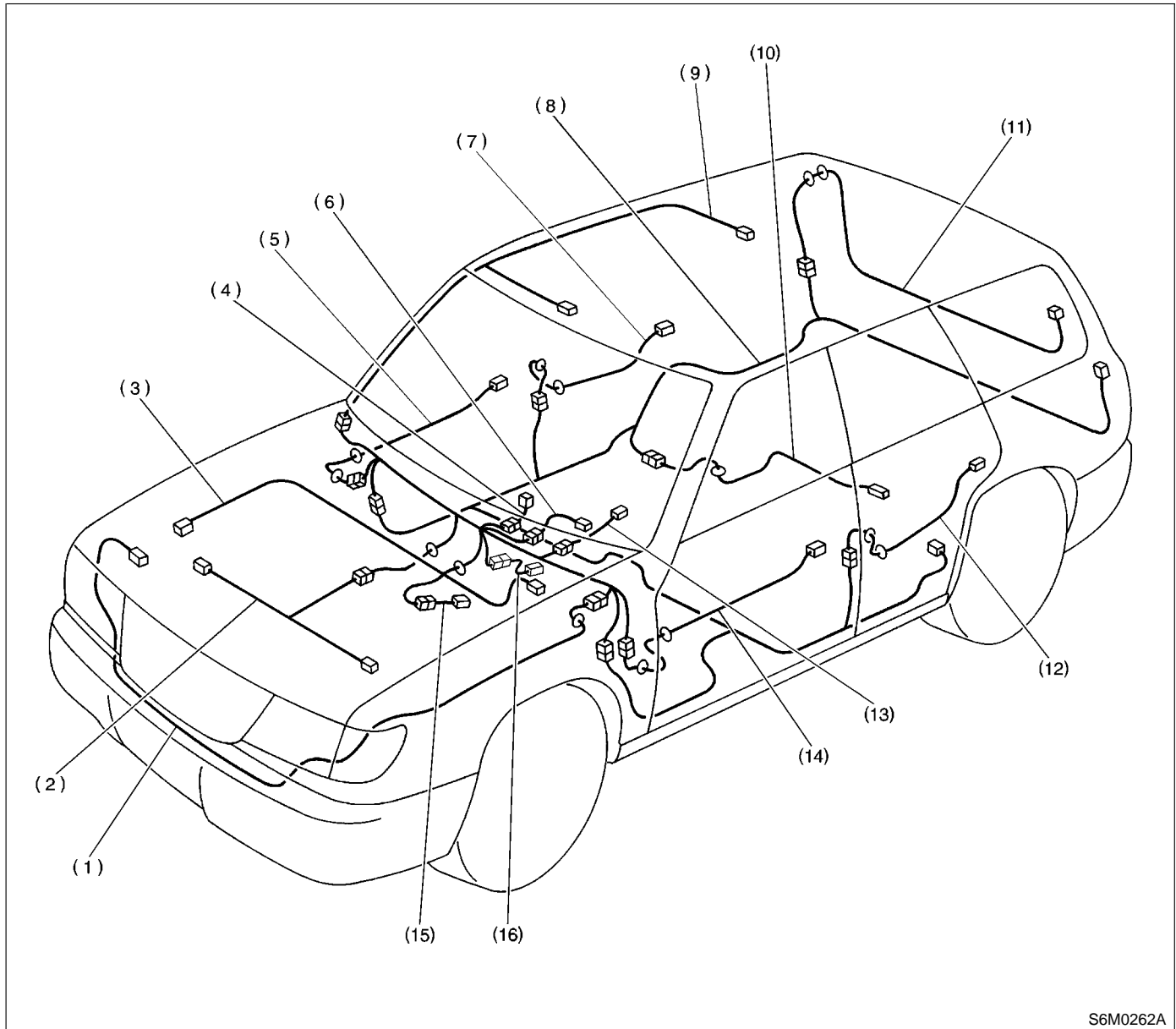
OVERALL SYSTEMS

Wiring System

47. Overall Systems S903672

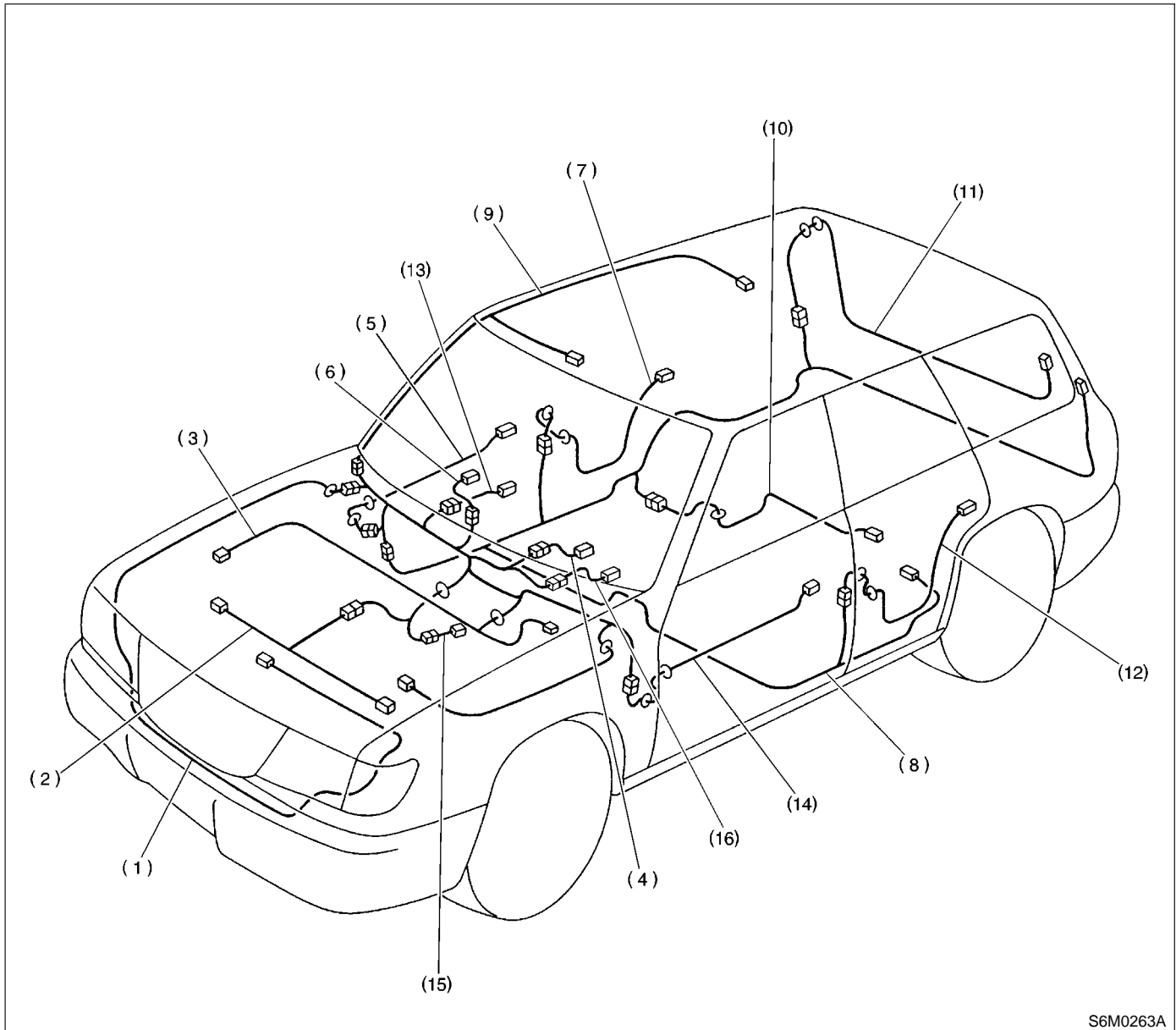
A: LOCATION S903672A13

1. LHD MODEL S903672A1307



- | | | |
|-------------------------------------|-------------------------|------------------------------|
| (1) Front wiring harness | (7) Rear door cord RH | (13) Combination switch cord |
| (2) Engine wiring harness | (8) Rear wiring harness | (14) Front door cord LH |
| (3) Bulkhead wiring harness | (9) Roof cord | (15) Transmission cord |
| (4) Instrument panel center harness | (10) Fuel tank cord | (16) Panel-center harness |
| (5) Front door cord RH | (11) Rear gate cord | |
| (6) Instrument panel meter harness | (12) Rear door cord LH | |

2. RHD MODEL S903672A1308



- | | | |
|-------------------------------------|-------------------------|------------------------------|
| (1) Front wiring harness | (7) Rear door cord RH | (13) Combination switch cord |
| (2) Engine wiring harness | (8) Rear wiring harness | (14) Front door cord LH |
| (3) Bulkhead wiring harness | (9) Roof cord | (15) Transmission cord |
| (4) Instrument panel center harness | (10) Fuel tank cord | (16) Panel-center harness |
| (5) Front door cord RH | (11) Rear gate cord | |
| (6) Instrument panel meter harness | (12) Rear door cord LH | |

FRONT WIRING HARNESS

Wiring System

48. Front Wiring Harness S903445

A: LOCATION S903445A13

1. LHD MODEL S903445A1302

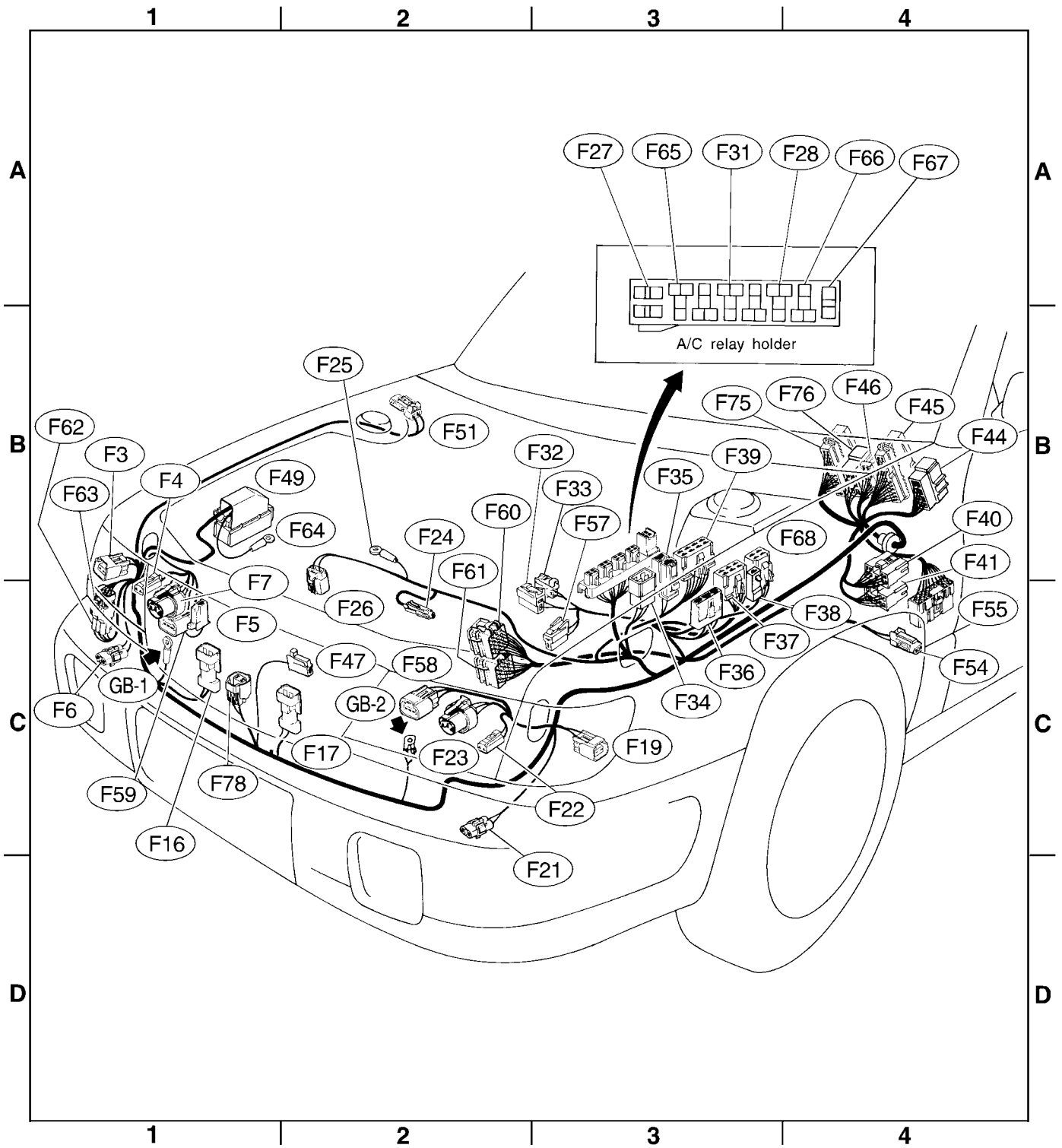
Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
F3	2	Gray	B-1		Front turn signal light RH
F4	2	Black	B-1		Front clearance light RH
F5	1	★	C-1		Horn
F6	2	Black	C-1		Front fog light RH
F7	3	★	C-1		Headlight RH
F16	2	Black	D-1		Sub fan motor
F17	2	Black	C-2		Radiator main fan motor
F19	2	Gray	C-3		Front turn signal light LH
F21	2	Black	D-3		Front fog light LH
F22	2	Black	D-3		Front clearance light LH
F23	3	★	C-2		Headlight LH
F24	1	Black	B-2		A/C compressor
F25	1	★	B-2		Generator
F26	3	Green	C-2		
F27	4	★	A-3		A/C fuse (Relay holder)
F28	4	★	A-4		A/C sub fan relay (Relay holder)
F31	4	★	A-3		A/C relay (Relay holder)
F32	2	Green	B-3		Front washer motor
F33	2	★	B-3		Rear washer motor
F34	4	★	C-3		SBF holder (ABS)
F35	2	★	B-3		M/B
F36	3	★	C-3		
F37	6	Black	C-3		
F38	1	★	C-4		
F39	8	★	B-3		
F40	9	Brown	B-4		F/B
F41	7	Gray	C-4		
F44	8	White	B-4	B61	Bulkhead wiring harness
F45	20	★	B-4	B62	Bulkhead wiring harness (DOHC turbo model)
	16	★	B-4	B62	Bulkhead wiring harness (SOHC model)
F46	20	★	B-4	B108	Bulkhead wiring harness
F47	1	★	C-2		Horn
F49	31	★	B-2		ABS control module
F51	2	★	B-2		Side turn signal light RH

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
F54	2	★	C-4		Side turn signal light LH
F55	12	★	C-4	R48	Rear harness
F57	2	Blue	B-3		Headlight washer motor
F58	3	Black	C-2		Headlight leveler LH
F59	3	Black	D-1		Headlight leveler RH
F60	16	★	B-2	E3	Engine wiring harness (DOHC turbo model)
F61	20	Black	C-2	E2	Engine wiring harness (DOHC turbo model)
F62	6	★	B-1	F63	Shield joint connector (ABS)
F63	6	★	B-1	F62	
F64	1	★	B-2		ABS motor ground
F65	4	★	A-3		Front fog light relay (Relay holder)
F66	4	★	A-4		Radiator main fan relay (Relay holder)
F67	2	★	A-4		FWD switch (Relay holder)
F68	4	Black	B-4		M/B
F75	24	Black	B-3	B209	Bulkhead wiring harness (DOHC turbo model)
F76	6	Black	B-4	B210	Bulkhead wiring harness (DOHC turbo model)
F78	2	Black	D-1		Outside temperature sensor

★: Non-colored

FRONT WIRING HARNESS

Wiring System



S6M0489

FRONT WIRING HARNESS

Wiring System

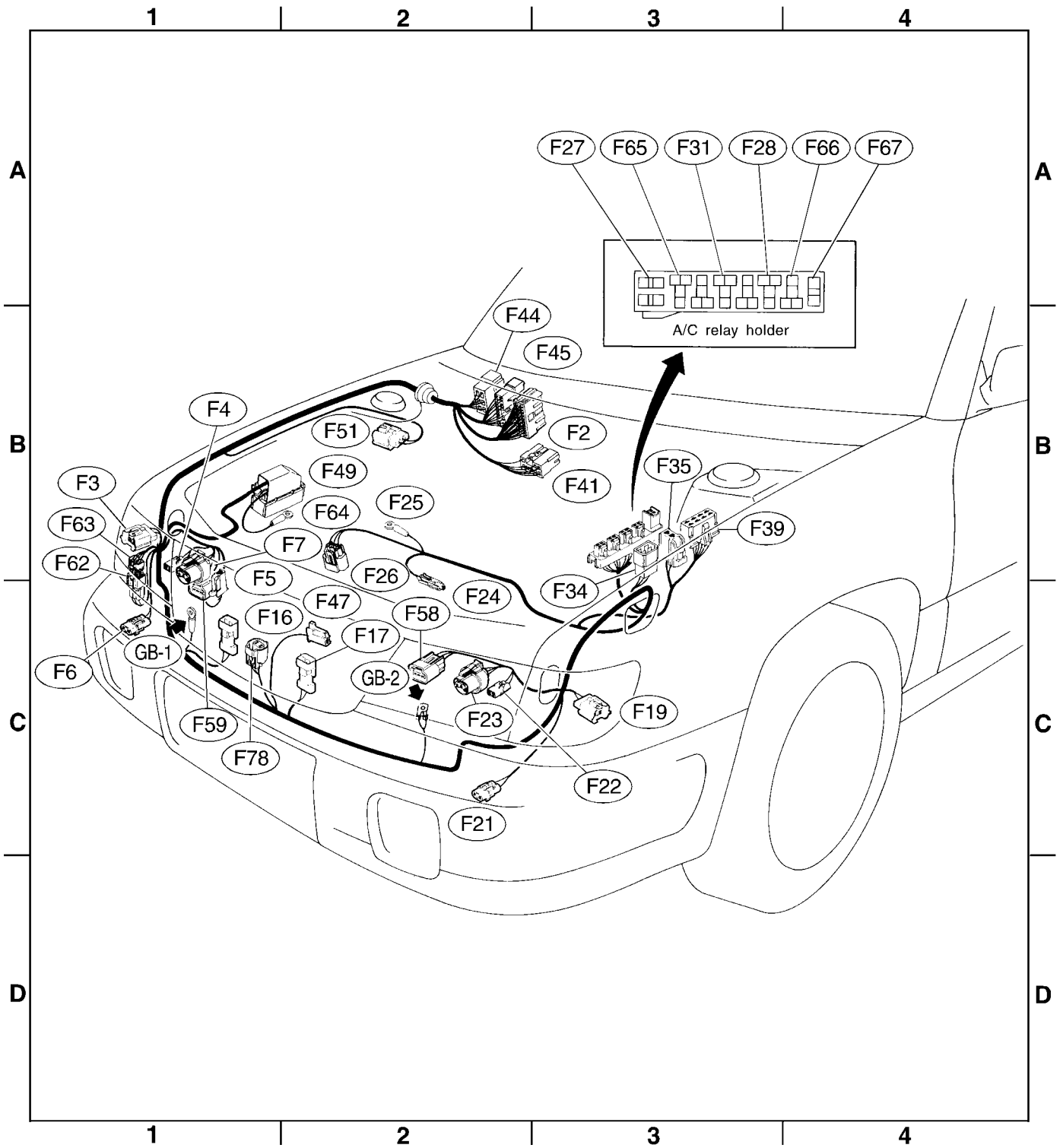
2. RHD MODEL S903445A1303

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
F2	22	Blue	B-3	B100	Bulkhead wiring harness (ABS)
F3	2	Gray	B-1		Front turn signal light RH
F4	2	Black	B-1		Front clearance light RH
F5	1	★	C-1		Horn
F6	2	Black	C-1		Front fog light RH
F7	3	★	C-2		Headlight RH
F16	2	Black	C-1		Sub fan motor
F17	2	Black	C-2		Radiator main fan motor
F19	2	Gray	C-3		Front turn signal light LH
F21	2	Black	D-2		Front fog light LH
F22	2	Black	D-3		Front clearance light LH
F23	3	★	C-2		Headlight LH
F24	1	Black	C-2		A/C compressor
F25	1	★	B-2		Generator
F26	3	Green	C-2		
F27	4	★	A-3		A/C fuse (Relay holder)
F28	4	★	A-3		A/C sub fan relay (Relay holder)
F31	4	★	A-3		A/C relay (Relay holder)
F34	4	★	C-3		SBF holder (ABS)
F35	2	★	B-3		M/B
F39	8	Black	B-3		
F41	7	Gray	B-3		F/B
F44	6	★	B-2	B61	Bulkhead wiring harness
F45	14	★	B-3	B62	
F47	1	★	C-2		Horn
F49	31	★	B-2		ABS control module
F51	2	★	B-2		Side turn signal light RH
F58	3	Black	C-2		Headlight leveler LH
F59	3	Black	C-1		Headlight leveler RH
F62	6	★	C-1	F63	Shield joint connector (ABS)
F63	6	★	B-1	F62	
F64	1	★	B-2		ABS motor ground
F65	4	★	A-3		Front fog light relay (Relay holder)
F66	4	★	A-4		Radiator main fan relay (Relay holder)
F67	2	★	A-4		FWD switch (Relay holder)
F78	2	Black	D-1		Outside temperature sensor

★: Non-colored

FRONT WIRING HARNESS

Wiring System



S6M0490

BULKHEAD WIRING HARNESS (IN ENGINE ROOM)

Wiring System

49. Bulkhead Wiring Harness (In Engine Room) S903438

A: LOCATION S903438A13

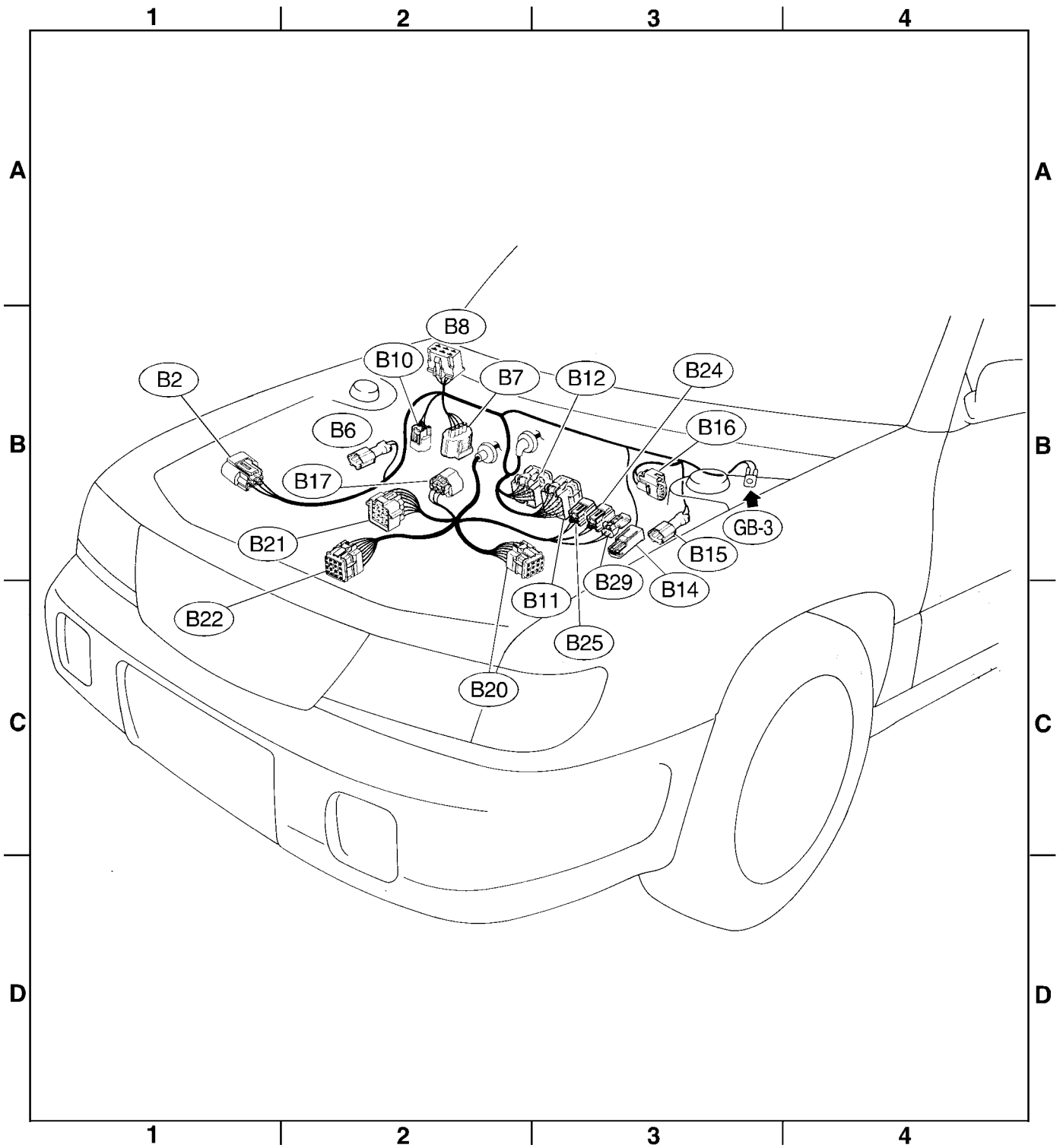
1. LHD NON-TURBO MODEL WITH OBD S903438A1308

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B2	3	Black	B-1		Pressure sensor
B6	2	Brown	B-2		ABS front sensor RH
B7	4	Gray	B-2		Cruise control actuator
B8	6	★	B-2		Front wiper motor
B10	2	Brown	B-2		A/C pressure switch
B11	20	Black	C-3	T4	Transmission (AT)
B12	12	★	B-3	T3	
B14	1	Black	C-3		Starter (Magnet)
B15	2	Brown	B-3		ABS front sensor LH
B16	2	Gray	B-3		Brake fluid level switch
B17	3	Black	B-2		Vehicle speed sensor (MT)
B20	10	Gray	C-3	E1	Engine wiring harness
B21	20	Gray	B-1	E2	Engine wiring harness
B22	16	Brown	C-1	E3	
B24	2	Gray	B-3	T1	Back-up light switch (MT)
B25	2	Brown	C-3	T2	Neutral position switch (MT)
B29	2	Gray	C-3	T8	Lo (AWD) indicator light switch (MT)

★: Non-colored

BULKHEAD WIRING HARNESS (IN ENGINE ROOM)

Wiring System



S6M0491

BULKHEAD WIRING HARNESS (IN ENGINE ROOM)

Wiring System

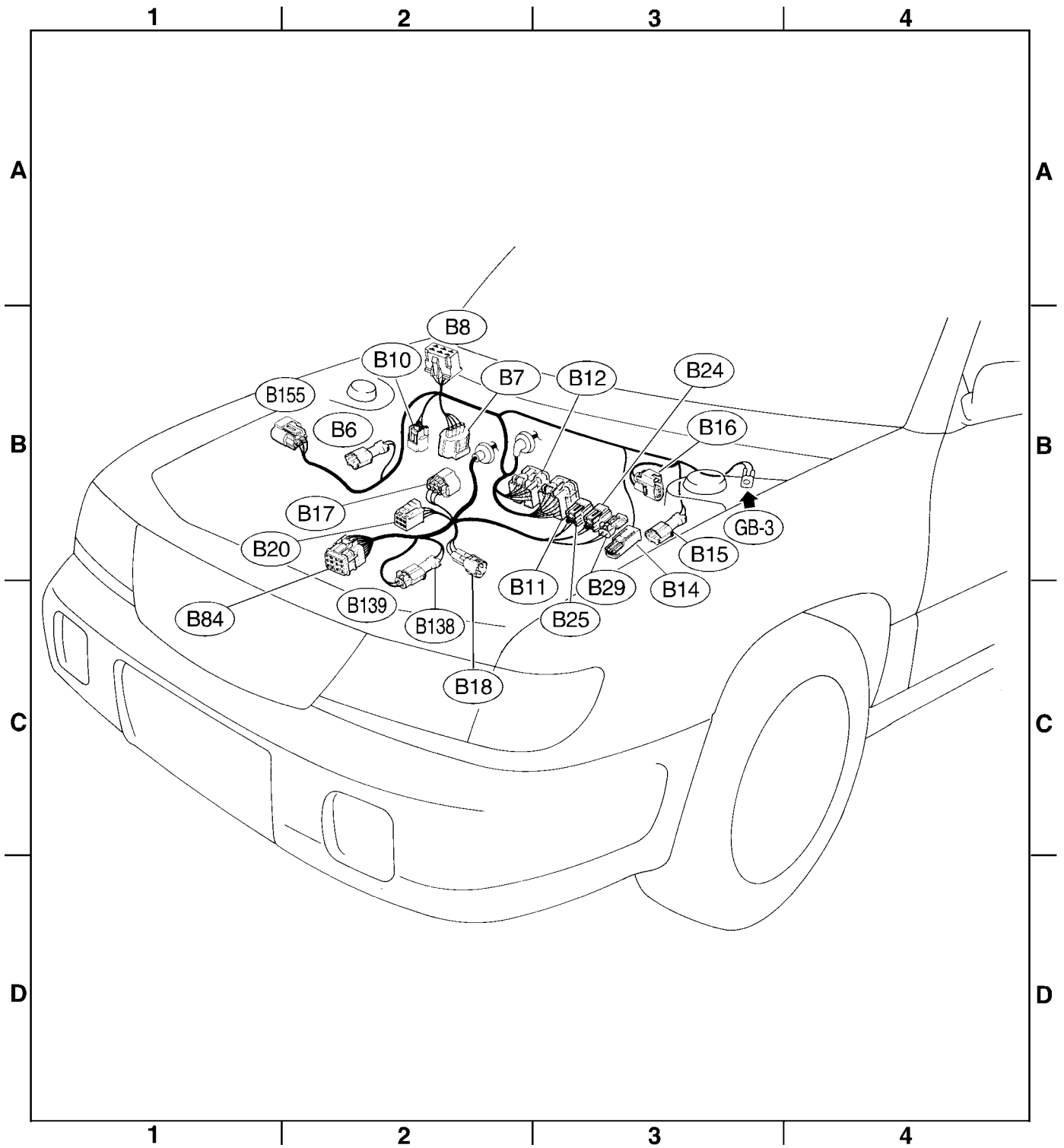
2. LHD NON-TURBO MODEL WITHOUT OBD S903438A1309

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B6	2	Brown	B-2		ABS front sensor RH
B7	4	Gray	B-2		Cruise control actuator
B8	6	★	B-2		Front wiper motor
B10	2	Brown	B-2		A/C pressure switch
B11	20	Black	C-3	T4	Transmission (AT)
B12	12	★	B-3	T3	
B14	1	Black	C-3		Starter (Magnet)
B15	2	Brown	B-3		ABS front sensor LH
B16	2	Gray	B-3		Brake fluid level switch
B17	3	Black	B-2		Vehicle speed sensor (MT)
B18	4	Gray	C-2		Oxygen sensor (Catalytic converter equipped vehicle)
B20	6	Gray	B-1	E1	Engine wiring harness (AT)
B24	2	Gray	B-3	T1	Back-up light switch (MT)
B25	2	Brown	C-3	T2	Neutral position switch (MT)
B29	2	Gray	C-3	T8	Lo (AWD) indicator light switch (MT)
B84	34	Black	C-1		Engine control module
B138	2	Gray	C-2	B139	Joint connector (E/G)
B139	2	Gray	C-2	B138	
B155	3	★	B-2		CO resistor (Catalytic converter equipped vehicle)

★: Non-colored

BULKHEAD WIRING HARNESS (IN ENGINE ROOM)

Wiring System



S6M0492

BULKHEAD WIRING HARNESS (IN ENGINE ROOM)

Wiring System

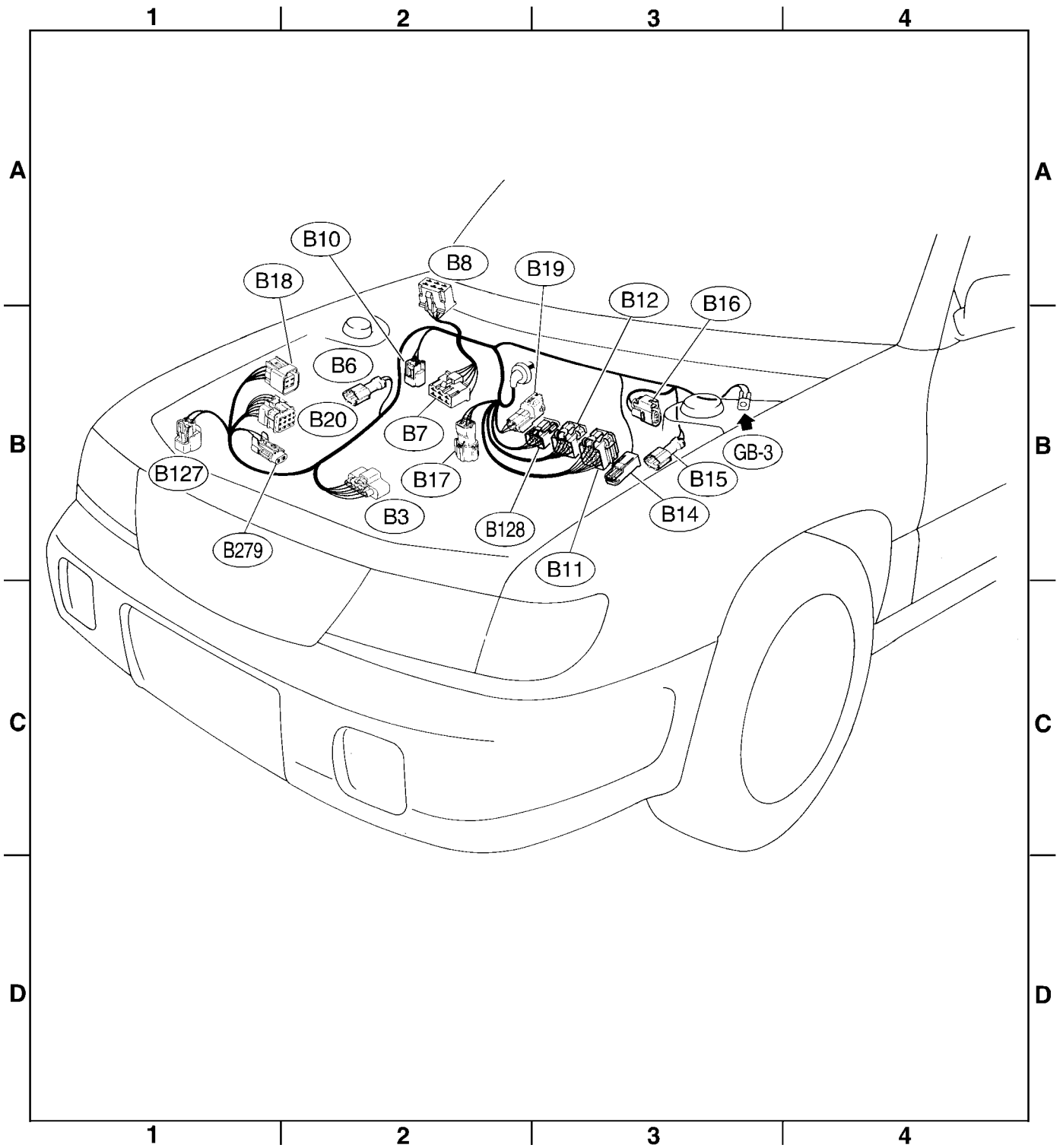
3. LHD TURBO MODEL S903438A1310

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B3	5	Black	B-2		Mass air flow sensor
B6	2	Brown	B-2		ABS front sensor RH
B7	6	Black	B-2		Cruise control actuator
B8	6	★	A-2		Front wiper motor
B10	2	Brown	A-2		A/C pressure switch
B11	20	Black	C-3	T4	Transmission (AT)
B12	12	★	A-3	T3	
B14	1	Black	B-3		Starter (Magnet)
B15	2	Brown	B-3		ABS front sensor LH
B16	2	Gray	A-3		Brake fluid level switch
B17	4	Black	B-2		Vehicle speed sensor (MT)
B18	4	Gray	A-1		Front oxygen (A/F) sensor
B19	4	★	A-3	T5	Oxygen sensor
B20	10	★	B-2	E1	Engine wiring harness
B127	2	Gray	B-1		Wastgate control solenoid valve
B128	4	Gray	B-2	T9	Transmission (MT)
B279	2	Gray	C-1		Exhaust temperature sensor

★: Non-colored

BULKHEAD WIRING HARNESS (IN ENGINE ROOM)

Wiring System



S6M0493

BULKHEAD WIRING HARNESS (IN ENGINE ROOM)

Wiring System

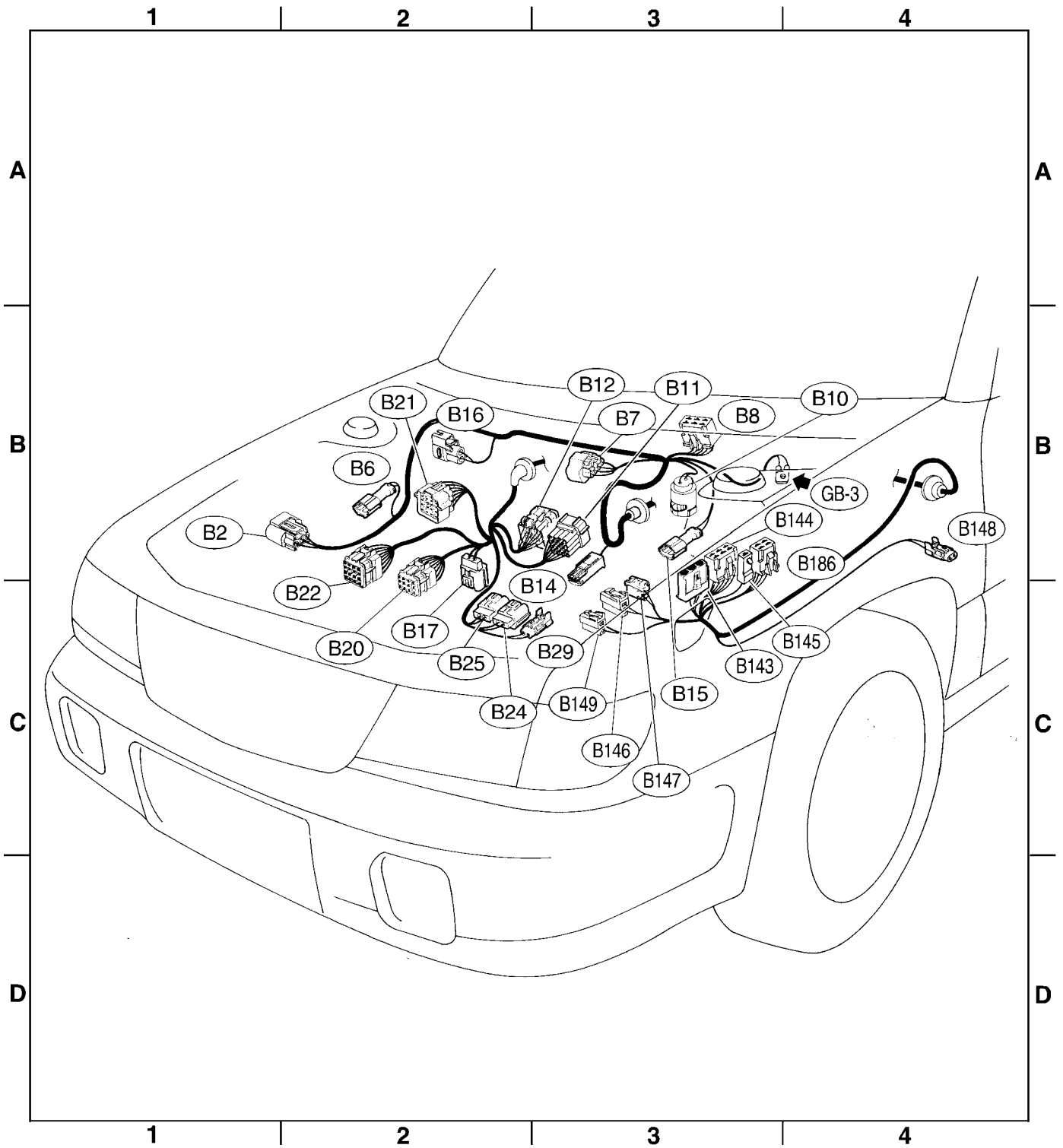
4. RHD NON-TURBO MODEL WITH OBD S903438A1311

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B2	3	Black	B-1		Pressure sensor
B6	2	Brown	B-2		ABS front sensor RH (ABS)
B7	4	Gray	B-3		Cruise control actuator
B8	6	★	B-3		Front wiper motor
B10	2	Brown	B-4		A/C pressure switch
B11	20	Black	B-3	T4	Transmission (AT)
B12	12	★	B-3	T3	
B14	1	Black	B-3		Starter (Magnet)
B15	2	Brown	C-3		ABS front sensor LH (ABS)
B16	2	Gray	B-2		Brake fluid level switch
B17	3	Black	C-2		Vehicle speed sensor (MT)
B20	10	Gray	C-2	E1	Engine wiring harness
B21	20	Gray	B-2	E2	Engine wiring harness
B22	16	Brown	B-2	E3	
B24	2	Gray	C-2	T1	Back-up light switch (MT)
B25	2	Brown	C-2	T2	Neutral position switch (MT)
B29	2	Gray	C-3	T8	Lo (AWD) indicator light switch (MT)
B143	3	★	C-3		M/B
B144	6	Black	B-4		
B145	1	★	C-4		
B146	2	Green	C-3		Front washer motor
B147	2	★	C-3		Rear washer motor
B148	2	★	B-4		Side turn signal light LH
B149	2	Blue	C-3		Headlight washer motor (With OBD)
B186	4	Black	B-4		M/B

★: Non-colored

BULKHEAD WIRING HARNESS (IN ENGINE ROOM)

Wiring System



S6M0494

BULKHEAD WIRING HARNESS (IN ENGINE ROOM)

Wiring System

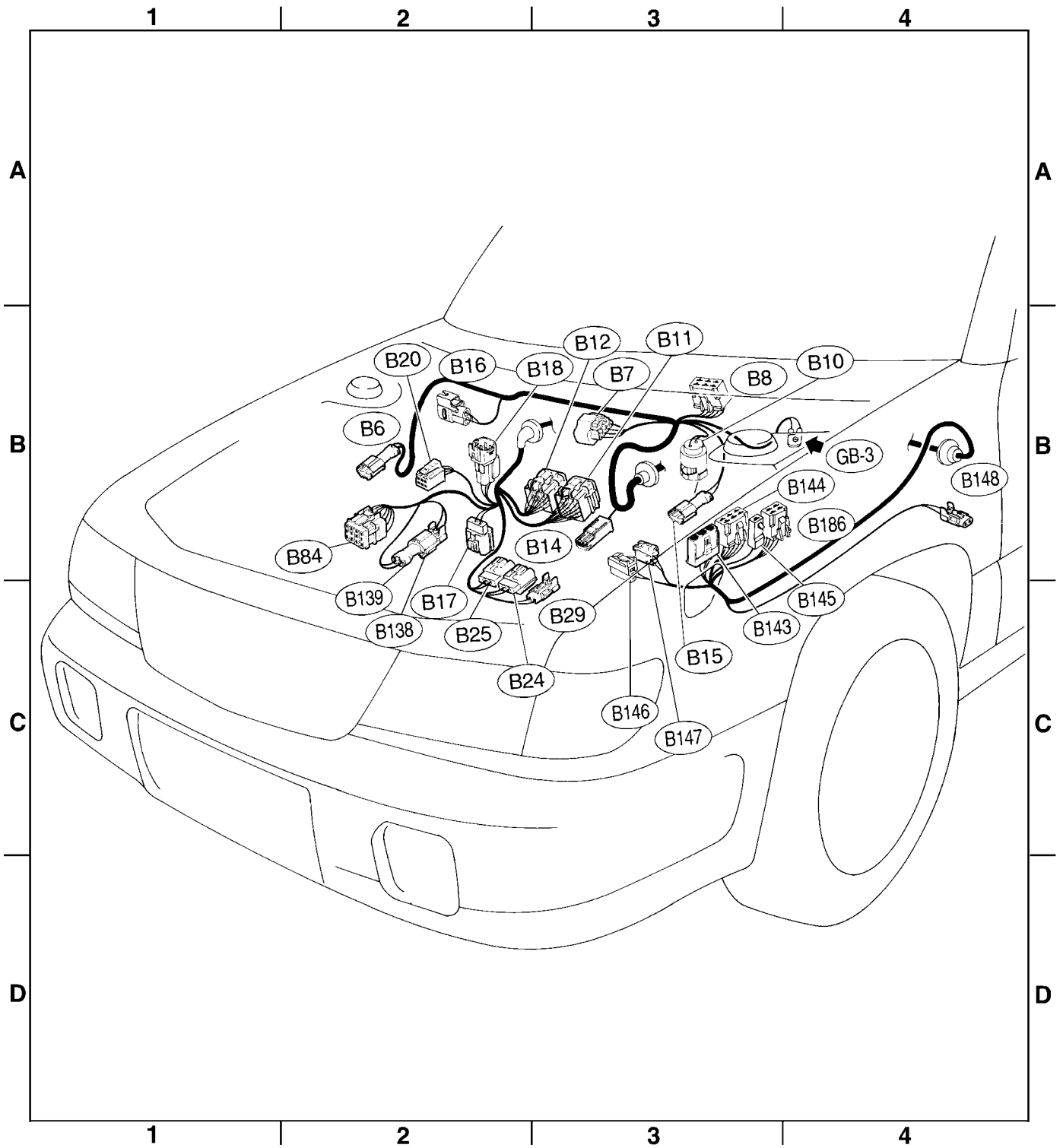
5. RHD NON-TURBO MODEL WITHOUT OBD S903438A1312

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B6	2	Brown	B-2		ABS front sensor RH (ABS)
B7	4	Gray	B-3		Cruise control actuator
B8	6	★	B-3		Front wiper motor
B10	2	Brown	B-4		A/C pressure switch
B11	20	Black	B-3	T4	Transmission (AT)
B12	12	★	B-3	T3	
B14	1	Black	B-3		Starter (Magnet)
B15	2	Brown	C-3		ABS front sensor LH (ABS)
B16	2	Gray	B-2		Brake fluid level switch
B17	3	Black	C-2		Vehicle speed sensor (MT)
B18	4	Gray	B-3		Oxygen sensor (Catalytic converter equipped vehicle)
B20	6	Gray	B-2	E1	Engine wiring harness (AT)
B24	2	Gray	C-2	T1	Back-up light switch (MT)
B25	2	Brown	C-2	T2	Neutral position switch (MT)
B29	2	Gray	C-3	T8	Lo (AWD) indicator light switch (MT)
B84	34	Black	B-2		Engine control module
B138	2	Gray	C-2	B139	Joint connector (E/G)
B139	2	Gray	C-2	B138	
B143	3	★	C-3		M/B
B144	6	Black	B-4		
B145	1	★	C-4		
B146	2	Green	C-3		Front washer motor
B147	2	★	C-3		Rear washer motor
B148	2	★	B-4		Side turn signal light LH
B186	4	Black	B-4		M/B

★: Non-colored

BULKHEAD WIRING HARNESS (IN ENGINE ROOM)

Wiring System



S6M0495

BULKHEAD WIRING HARNESS (IN ENGINE ROOM)

Wiring System

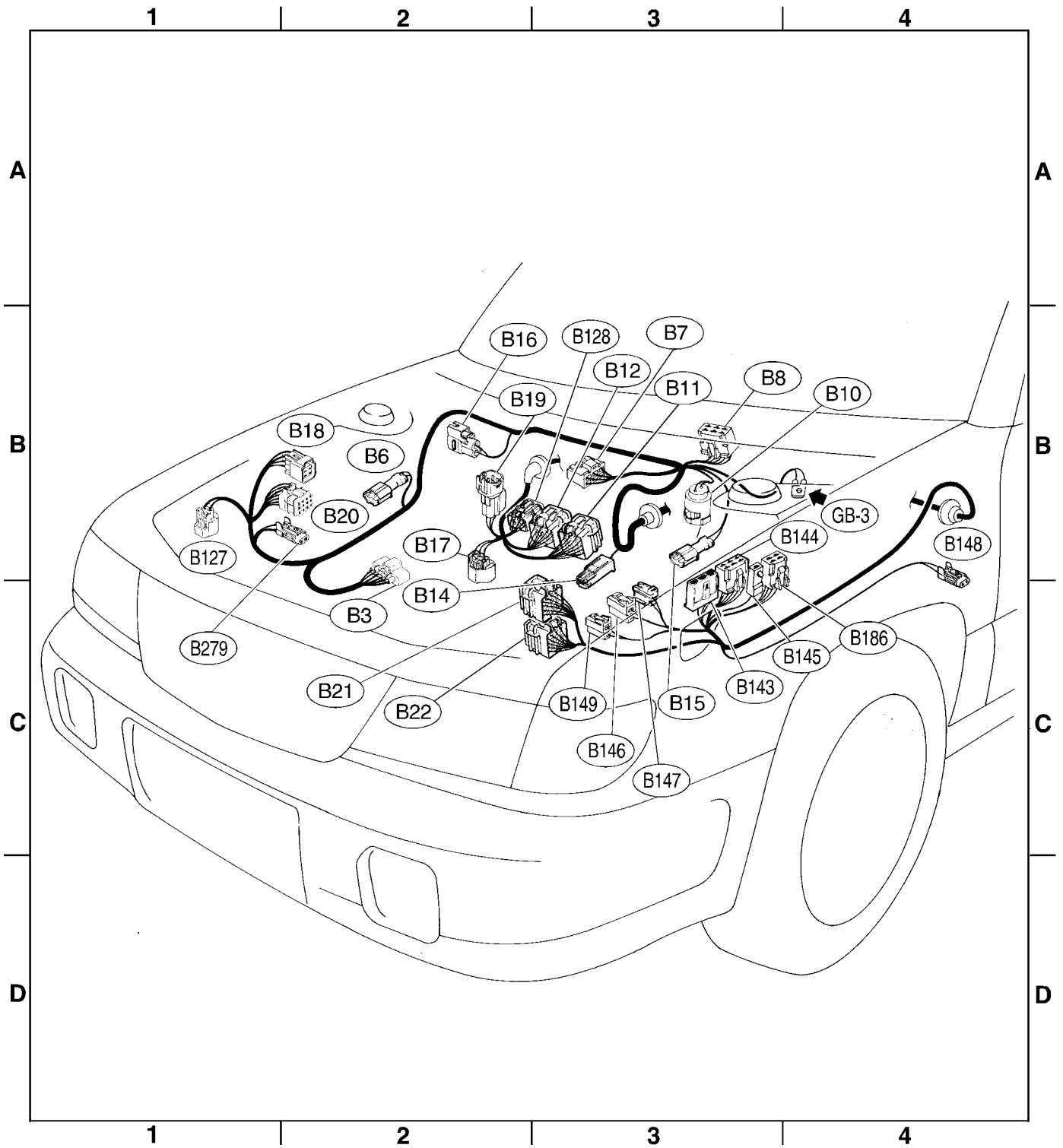
6. RHD TURBO MODEL S903438A1313

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B3	5	Black	B-2		Mass air flow sensor
B6	2	Brown	B-2		ABS front sensor RH
B7	6	Black	B-3		Cruise control actuator
B8	6	★	B-3		Front wiper motor
B10	2	Brown	B-4		A/C pressure switch
B11	20	Black	B-3	T4	Transmission (AT)
B12	12	★	B-3	T3	
B14	1	Black	C-2		Starter (Magnet)
B15	2	Brown	C-3		ABS front sensor LH
B16	2	Gray	B-2		Brake fluid level switch
B17	4	Black	B-2		Vehicle speed sensor (MT)
B18	4	Gray	B-2		Front oxygen (A/F) sensor
B19	4	★	B-2	T5	Oxygen sensor
B20	10	★	B-2	E1	Engine wiring harness
B21	20	★	C-2	E2	Engine wiring harness
B22	16	Brown	C-2	E3	Engine wiring harness
B127	2	Gray	B-1		Wastegate control solenoid valve
B128	4	Gray	B-3	T9	Transmission (MT)
B143	3	★	C-3		M/B
B144	6	Black	B-4		
B145	1	★	C-4		
B146	2	Green	C-3		Front washer motor
B147	2	★	C-3		Rear washer motor
B148	2	★	B-4		Side turn signal light LH
B149	2	Blue	C-3		Headlight washer motor (With OBD)
B186	4	Black	C-4		M/B
B279	2	Gray	C-1		Exhaust temperature sensor

★: Non-colored

BULKHEAD WIRING HARNESS (IN ENGINE ROOM)

Wiring System



S6M0496

BULKHEAD WIRING HARNESS (IN COMPARTMENT)

Wiring System

50. Bulkhead Wiring Harness (In Compartment)

S903446

A: LOCATION

S903446A13

1. LHD MODEL

S903446A1308

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B30	25	★	C-1	D1	Front door cord LH
B31	7	Yellow	C-1	AB1	SRS (Airbag) harness
B32	3	Black	A-2		Turn & hazard module
B36	16	★	B-3	i1	Instrument panel meter harness
B37	24	Black	B-2	i2	
B40	16	Black	D-2		Data link connector
B41	2	★	A-1		Power window circuit breaker
B42	4	Blue	B-1		Power window relay
B43	6	Brown	B-4		Illumination control module
B44	10	★	D-3		Seat belt timer
B46	4	Green	C-1		Fuel pump relay
B47	6	Brown	B-1		Main relay
B50	4	★	B-1		Blower relay
B51	8	Blue	D-2		F/B
B52	12	Blue	C-1		
B53	6	★	B-2		Shield joint connector (AT)
B54	24	★	C-2		Transmission control module (AT)
B55	24	Gray	D-2		
B56	24	Green	D-2		
B61	8	★	B-1	F44	
B62	20	★	B-1	F45	Front wiring harness (DOHC turbo model)
	16	★	B-1	F45	Front wiring harness (SOHC model)
B64	2	Black	A-2		Stop light switch (Without cruise control)
B65	4	Black	A-2		Stop & brake switch (With cruise control)
B68	5	Black	C-2		Cruise control sub switch
B69	4	★	C-2		
B70	18	★	C-2		
B71	17	★	C-2		
B72	4	Blue	C-2		Ignition switch
B74	2	Black	C-2		Key warning switch
B75	2	Green	B-1	B76	Test mode connector
B76	2	Green	A-2	B75	
B79	14	Gray	C-3		Check connector
B81	1 × 2	★	B-2		Diagnosis terminal (Ground)
B82	6	Black	B-2		Diagnosis connector
B83	6	★	D-4		Shield joint connector (SOHCwithOBD)
B84	17	★	C-4		Engine control module (SOHCw/oOBD model)
B85	2	★	A-3		Diode (Lighting) (With OBD)
B86	6	★	A-3		Blower motor resistor
B87	2	★	B-3		Blower motor
B88	3	★	B-4		Evaporator thermoswitch
B90	8	★	A-4	R50	Roof cord
B94	20	★	C-1		Cruise control module
B97	10	Blue	B-4	R1	
B98	12	★	B-4	R2	
B99	20	★	B-4	R3	
B101	25	★	B-4	D11	
B104	4	★	C-1		Seat heater/rear accessory power supply relay

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B107	2	Blue	A-2		Clutch switch (MT)
B108	20	★	B-1	F46	Front wiring harness
B116	4	Black	C-3		Select lever illumination light and power switch (AT)
B118	2	★	D-3		CD player illumination light
B119	1	★	C-3		Cigarette lighter (Power)
B120	14	★	C-3		Radio
B121	1	Black	C-3		Audio ground
B122	6	★	D-4		Sensor ground joint connector (With OBD)
B125	1	Black	A-2	B126	Read memory connector (Without OBD) (*1)
	1	Green	B-4		Line end connector (With OBD) (*2)
B126	1	Black	A-2	B125	Read memory connector (Without OBD) (*1)
	1	Green	B-4		Line end connector (With OBD) (*2)
B129	2	Black	A-2		Kick-down switch (AT)
B131	4	Blue	B-2		Rear fog light relay (With OBD)
B134	22	★	C-4		Engine control module (DOHC turbo model)
	35	Gray	C-3		Engine control module (SOHC model)
B135	28	★	C-4		Engine control module (DOHC turbo model)
	28	Gray	C-3		Engine control module (SOHC model)
B136	24	★	D-4		Engine control module (DOHC turbo model)
	30	Gray	D-3		Engine control module (SOHC model)
B137	31	★	C-4		Engine control module (DOHC turbo model)
B140	6	Black	B-4		Headlight washer module (With OBD)
B141	12	★	D-2		Immobilizer control module (With OBD) (*1)
	15	★	A-2		Immobilizer control module (Without OBD) (*2)
B142	2	★	A-3		Immobilizer antenna
B152	7	★	B-1		F/B
B157	4	Red	B-1		Ignition relay
B158	12	★	B-1		F/B
B159	10	Gray	C-1		F/B
B160	6	Black	D-1		Front fog light switch
B161	6	Brown	D-1		Cruise control main switch
B162	8	★	B-2	B163	Combination switch cord
B164	18	★	C-2	B165	Combination switch cord
B167	3	★	C-3		Cigarette lighter (Ground)
B168	3	★	B-3		A/C switch
B169	6	★	B-3		Blower fan switch
B170	2	★	B-3		Mode control panel illumination light
B171	4	Black	B-4		Mirror heater relay (With OBD)
B173	1	★	D-1		IG power supply connector
B175	2	★	C-3		Ash tray illumination light

BULKHEAD WIRING HARNESS (IN COMPARTMENT)

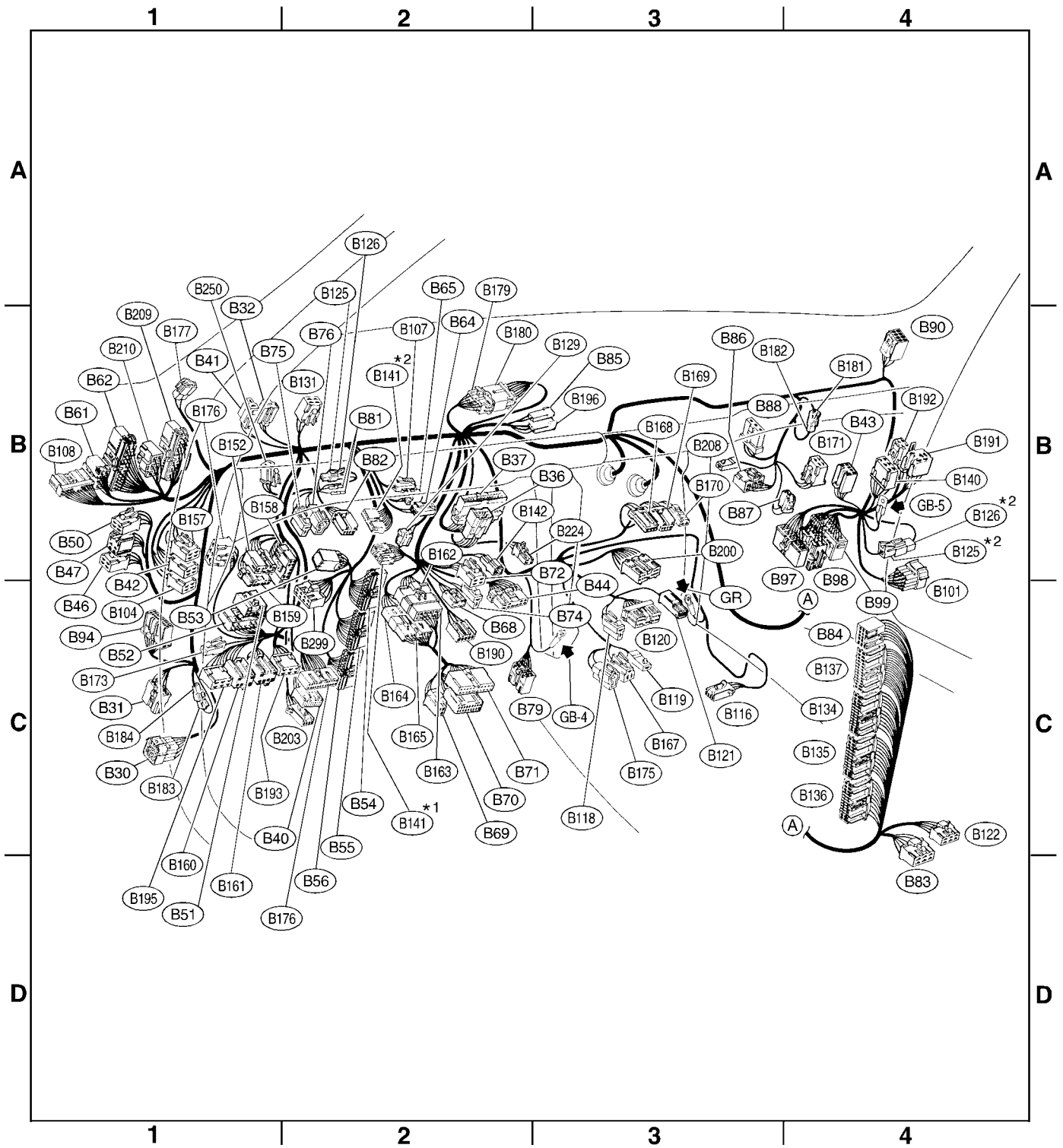
Wiring System

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B176	18	★	D-2		Keyless entry control module
B177	2	★	A-1		Wiper deicer (With OBD)
B179	12	★	A-2	B180	Joint connector (E/G) (SOHC without OBD)
B180	12	★	A-2	B179	
B181	1	★	A-4	B182	Joint connector (E/G) (MT) (SOHC without OBD)
B182	1	★	A-4	B181	
B183	1	★	D-1	B184	Joint connector (Keyless entry)
B184	1	★	C-1	B183	
B190	5	Blue	D-3		Speed alarm (SOHC without OBD)
B191	4	Blue	B-4		Wiper deicer relay (With OBD)
B192	4	★	B-4		Wiper deicer timer (With OBD)
B193	6	Black	C-2		Wiper deicer switch (With OBD)
B195	6	★	D-1		Rear fog light switch (With OBD)
B196	2	★	B-3		Diode (Rear fog light) (With OBD)
B200	14	★	B-3	i4	Panel-center harness (With OBD)
B203	4	★	C-2		Noise FILTER
B208	2	Black	B-3		Glove compartment illumi. light (DOHC turbo model)
B209	24	Black	A-1	F75	Front wiring harness (DOHC turbo model)
B210	6	Black	A-1	F76	
B224	2	★	A-3		Key switch illumination light
B250	3	★	A-2		Flash memory connector (DOHC turbo model)
B299	6	★	C-2		Shield joint connector (AT)

★: Non-colored

BULKHEAD WIRING HARNESS (IN COMPARTMENT)

Wiring System



S6M0497

BULKHEAD WIRING HARNESS (IN COMPARTMENT)

Wiring System

2. RHD MODEL S903446A1309

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B30	25	★	D-4	D1	Front door cord RH
B31	7	Yellow	D-4	AB1	SRS (Airbag) harness
B32	3	Black	B-4		Turn & hazard module
B36	14	Black	A-3	i1	Instrument panel meter harness
B37	32	★	B-2	i2	
B40	16	★	D-3		Data link connector
B41	2	★	A-4		Power window circuit breaker
B42	4	Blue	C-4		Power window relay
B43	6	Black	B-1		Illumination control module
B46	4	Green	C-4		Fuel pump relay
B47	6	Brown	C-4		Main relay
B50	4	★	B-4		Blower relay
B51	8	Blue	C-4		
B52	12	Blue	C-4		F/B
B53	6	★	B-3		Shield joint connector (AT)
B54	24	White	B-2		
B55	24	Gray	B-2		Transmission control module (AT)
B56	24	Green	C-2		
B61	6	White	B-4	F44	
B62	14	★	B-4	F45	Front wiring harness
B64	2	Black	A-3		Stop light switch (Without cruise control)
B65	4	Black	A-3		Stop & brake switch (With cruise control)
B68	5	Black	C-2		Cruise control sub switch
B69	4	★	C-2		
B70	18	★	C-2		Combination switch
B71	17	★	C-2		
B72	4	Blue	C-3		Ignition switch
B74	2	Black	D-2		Key warning switch
B75	2	Green	A-2	B76	
B76	2	Green	A-2	B75	Test mode connector
B79	14	Gray	C-2		Check connector
B81	1 × 2	★	A-2		Diagnosis terminal (Ground)
B82	6	Black	A-2		Diagnosis connector
B83	12	Blue	D-1		Shield joint connector (SOHC model)
B84	17	★	C-1		Engine control module (SOHCw/oOBD model)
B85	2	★	A-4		Diode (Rear fog light) (With OBD)
B87	6	White	B-1		Blower motor
B88	3	★	B-1		Evaporator theroswitch
B90	8	★	B-4	R50	Roof cord
B94	20	Black	C-1		Cruise control module (DOHC turbo model)
	20	★	C-1		Cruise control module (SOHC model)
B97	10	White	C-4	R1	
B98	18	★	C-4	R2	Rear wiring harness
B99	20	Blue	C-4	R3	
B100	22	Blue	B-4	F2	Front wiring harness (With ABS model)
B101	25	★	C-1	D11	Front door cord LH
B104	4	★	C-4		Seat heater/rear accessory power supply relay
B107	2	Blue	C-3		Clutch switch (MT)
B116	4	Black	C-2		Select lever illumination light and power switch (AT)

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B118	2	★	C-1		CD player illumination light
B119	1	★	D-2		Front accessory power supply (Power)
B120	14	★	C-1		Radio
B121	1	Black	D-2		Audio ground
B122	6	Gray	D-1		Sensor ground joint connector (DOHC turbo model)
B125	1	Black	A-2	B126	Read memory connector (Without OBD)
	1	Green	C-1	B126	Line end connector (With OBD) (*1)
B126	1	Black	A-2	B125	Read memory connector (With OBD)
	1	Green	C-1	B125	Line end connector (With OBD) (*1)
B129	2	Black	B-3		Kick-down switch (AT)
B131	4	Blue	A-4		Rear fog light relay (With OBD)
B134	35	Gray	D-1		Engine control module (Non-turbo model with OBD)
	22	★	D-1		Engine control module (DOHC turbo model)
B135	28	Gray	D-1		Engine control module (Non-turbo model with OBD)
	28	★	D-1		Engine control module (DOHC turbo model)
B136	30	Gray	D-1		Engine control module (Non-turbo model with OBD)
	24	★	D-1		Engine control module (DOHC turbo model)
B137	31	★	C-1		Engine control module (DOHC turbo model)
B140	6	Black	B-1		Headlight washer module (With OBD)
B141	15	★	C-3		Immobilizer control module (Without OBD)
	12	★	C-3		Immobilizer control module (With OBD)
B142	2	★	D-2		Immobilizer antenna
B152	7	★	B-3		F/B
B157	4	Red	B-4		Ignition relay
B158	12	★	C-4		F/B
B159	10	Gray	C-3		F/B
B160	6	Black	D-4		Front fog light switch
B161	6	Brown	D-4		Cruise control main switch
B162	8	White	D-3	B163	Combination switch cord
B164	18	★	D-3	B165	Combination switch cord
B167	3	★	C-2		Cigarette lighter (Ground)
B168	3	White	B-2		A/C switch
B169	6	White	B-2		Blower fan switch
B170	2	White	B-2		Mode control panel illumination light
B171	4	★	C-1		Mirror heater relay
B173	1	★	D-3		IG power supply connector
B175	2	★	D-2		Ash tray illumination light
B176	18	★	B-4		Keyless entry control module
B177	2	★	A-1		Wiper deicer
B179	8	★	A-3	B180	Joint connector (E/G) (SOHC model without OBD)
B180	8	★	A-3	B179	

BULKHEAD WIRING HARNESS (IN COMPARTMENT)

Wiring System

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
B181	1	★	B-1	B182	Joint connector (E/G) (SOHC model without OBD)
B182	1	★	B-2	B181	
B183	1	★	D-4	B184	Joint connector (Keyless entry)
B184	1	★	D-4	B183	
B187	9	Brown	C-3		F/B
B191	4	Blue	B-1		Wiper deicer relay
B192	4	White	C-1		Wiper deicer timer
B193	6	Black	D-3		Wiper deicer switch
B195	6	★	D-4		Rear fog light switch (With OBD)
B196	2	★	A-4		Diode (Rear fog light) (With OBD)
B198	1	★	B-3	B199	Joint connector (Ground)
B199	1	★	A-2	B198	
B200	14	★	C-2	i4	Panel-center harness (With OBD)
B203	4	★	D-3		Noise FILTER
B208	2	Black	B-2		Glove compartment illumi. light (DOHC turbo model)
B224	2	★	D-3		Key switch illumination light
B250	3	★			Flash memory connector (DOHC turbo model)
B299	8	★	C-2		Shield joint connector (AT)

★: Non-colored

ENGINE WIRING HARNESS AND TRANSMISSION CORD

Wiring System

51. Engine Wiring Harness and Transmission Cord S903447

A: LOCATION S903447A13

1. NON-TURBO MODEL WITH OBD S903447A1308

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
E2	20	Light gray	A-2	B21	Bulkhead wiring harness
E3	16	Brown	A-2	B22	Bulkhead wiring harness
E4	2	Black	A-2		Purge control solenoid valve
E5	2	Light gray	B-1		Injector #1
E6	2	Light gray	A-1		Injector #3
E7	6	Black	A-3		Idle air control solenoid valve
E8	3	Light gray	B-2		Engine coolant temperature sensor and thermometer
E10	2	Light gray	B-2		Crankshaft position sensor
E11	1	★	B-2		Oil pressure switch
E12	4	Dark gray	A-2		Ignition coil
E13	4	Dark gray	A-2		Throttle position sensor
E14	2	★	A-3		Knock sensor
E15	2	Black	B-3		Camshaft position sensor
E16	2	Light gray	B-3		Injector #2
E17	2	Light gray	B-4		Injector #4
E19	1	★	B-2		Power steering oil pressure switch
E20	4	Black	A-3		Pressure sensor and intake air temperature sensor
E42	2	Purple	A-2		Air assist solenoid valve

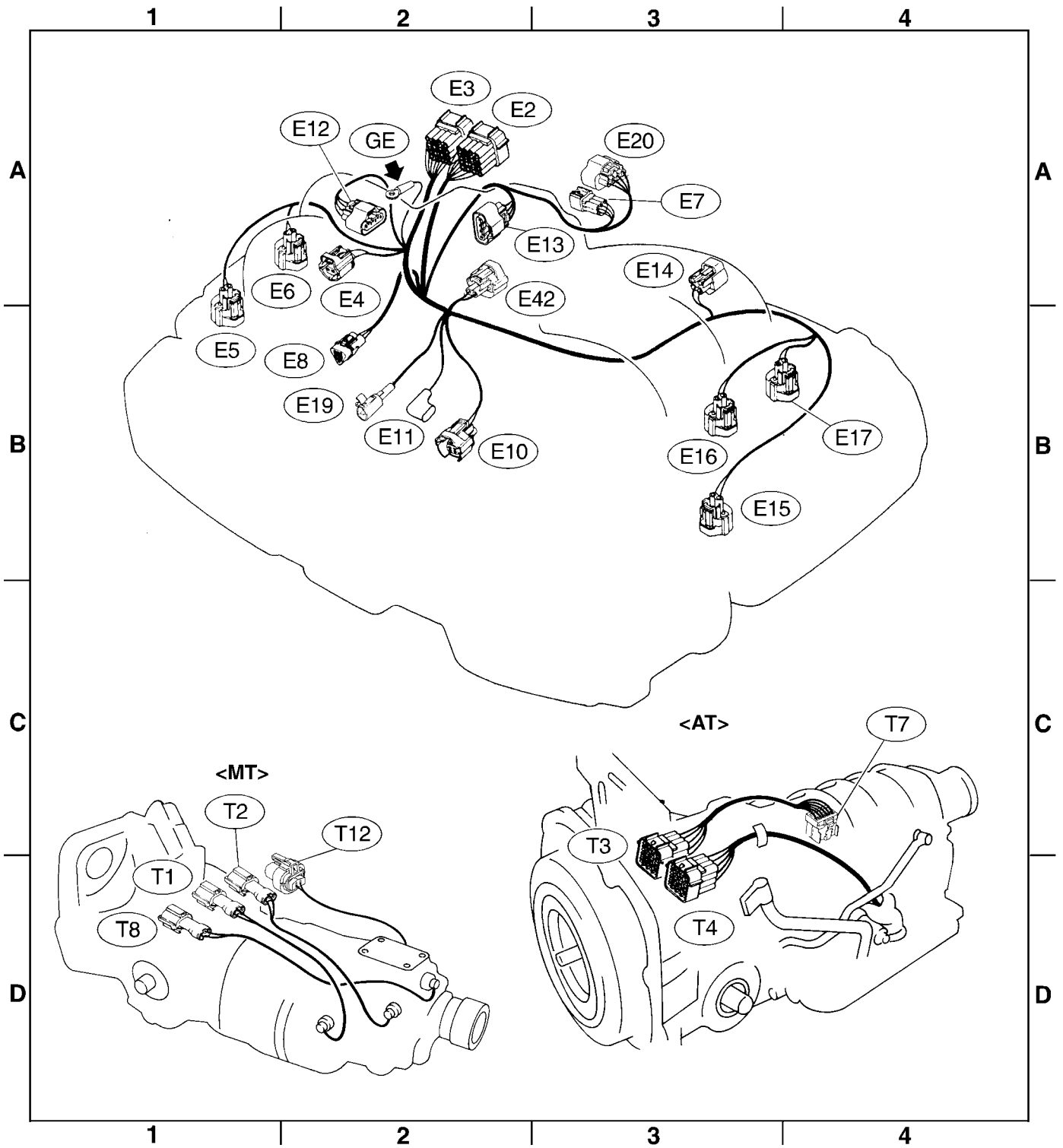
★: Non-colored

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
T1	2	Gray	D-1	B24	Bulkhead wiring harness (MT)
T2	2	Brown	D-1	B25	
T3	12	Black	D-3	B12	Bulkhead wiring harness (AT)
T4	20	Black	D-3	B11	
T7	12	Black	C-4		Inhibitor switch (AT)
T8	2	Gray	D-1	B29	Bulkhead wiring harness (MT)
T12	3	Black	D-2	B17	Bulkhead wiring harness (MT)

★: Non-colored

ENGINE WIRING HARNESS AND TRANSMISSION CORD

Wiring System



S6M0500

ENGINE WIRING HARNESS AND TRANSMISSION CORD

Wiring System

2. NON-TURBO MODEL WITHOUT OBD S903447A1309

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
E1	6	Yellow	A-3	B20	Bulkhead wiring harness
E4	2	Black	A-2		Purge control solenoid valve
E5	2	Dark gray	A-2		Injector #1
E6	2	Dark gray	A-2		Injector #3
E7	3	Light gray	A-3		Idle air control solenoid valve
E8	3	Gray	A-3		Engine coolant temperature sensor & thermometer
E10	2	Gray	B-3		Crankshaft position sensor
E11	1	★	B-3		Oil pressure switch
E12	4	Gray	A-3		Ignition coil
E13	3	Black	A-3		Throttle position sensor
E14	2	★	A-3		Knock sensor
E16	2	Dark gray	B-4		Injector #2
E17	2	Dark gray	B-4		Injector #4
E19	1	★	B-3		Power steering oil pressure switch
E20	2	Black	A-3		Intake air temperature sensor
E21	3	Black	A-3		Pressure sensor
E22	26	Black	A-3		Engine control module

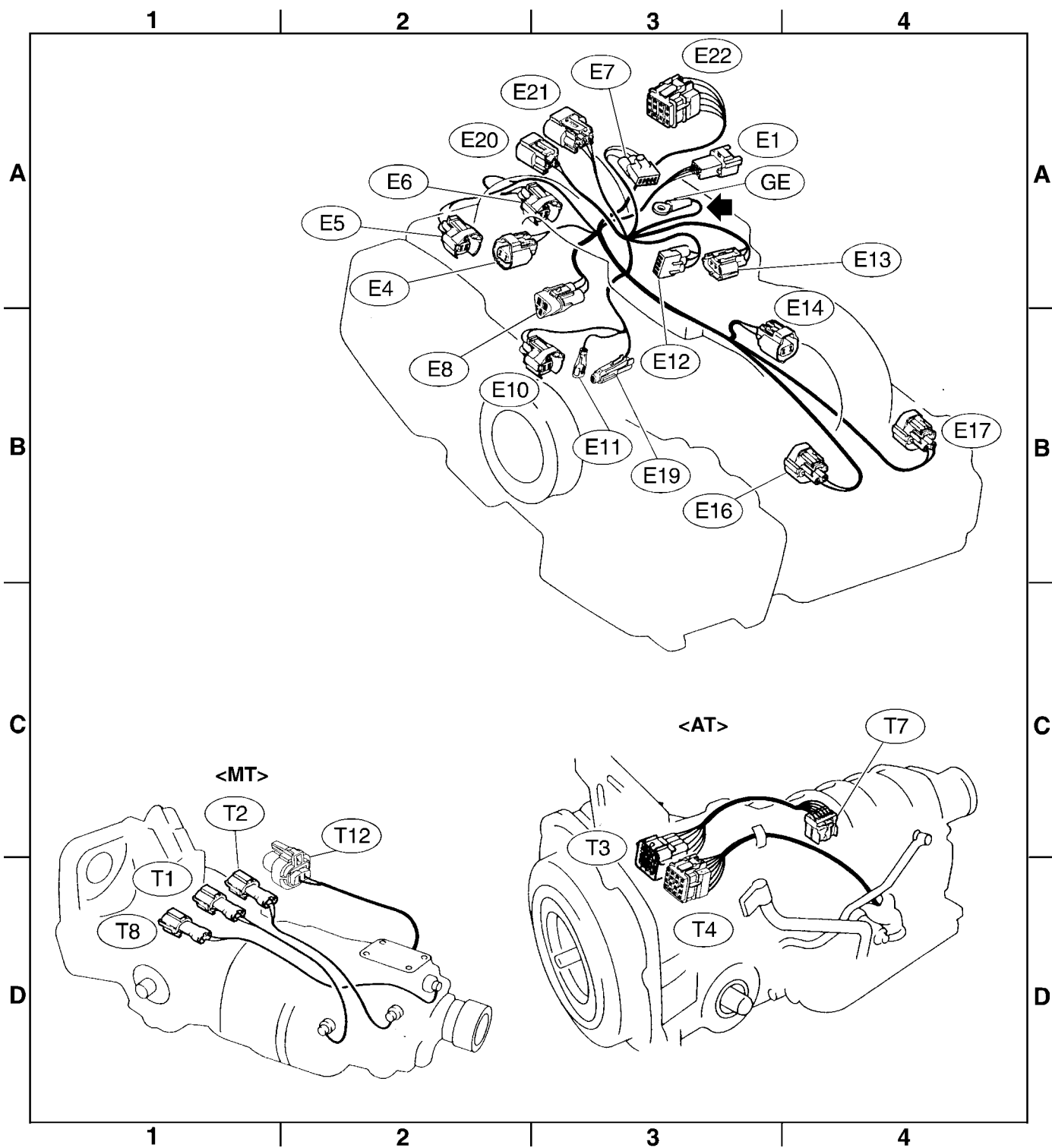
★: Non-colored

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
T1	2	Gray	D-1	B24	Bulkhead wiring harness (MT)
T2	2	Brown	D-1	B25	
T3	12	Black	D-3	B12	Bulkhead wiring harness (AT)
T4	20	Black	D-3	B11	
T7	12	Black	C-4		Inhibitor switch (AT)
T8	2	Gray	D-1	B29	Bulkhead wiring harness (MT)
T12	3	Black	D-2	B17	Bulkhead wiring harness (MT)

★: Non-colored

ENGINE WIRING HARNESS AND TRANSMISSION CORD

Wiring System



S6M0499

ENGINE WIRING HARNESS AND TRANSMISSION CORD

Wiring System

3. TURBO MODEL S903447A1310

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
E1	10	Light gray	A-1	B20	Bulkhead wiring harness
E2	20	Black	B-3	F61	Front wiring harness (LHD model)
				B21	Bulkhead wiring harness (RHD model)
E3	16	Brown	B-3	F60	Front wiring harness (LHD model)
				B22	Bulkhead wiring harness (RHD model)
E4	2	Black	A-2		Purge control solenoid valve
E5	2	Dark gray	A-1		Injector #1
E6	2	Dark gray	A-2		Injector #3
E7	3	Black	A-2		Idle air control solenoid valve
E8	3	Light gray	A-2		Engine coolant temperature sensor & thermometer
E10	2	Light gray	B-2		Crankshaft position sensor
E11	1	★	A-2		Oil pressure switch
E13	3	Black	A-2		Throttle position sensor
E14	2	Gray	A-2		Knock sensor
E15	2	Light gray	B-3		Camshaft position sensor
E16	2	Dark gray	B-3		Injector #2
E17	2	Dark gray	B-3		Injector #4
E19	2	★	A-2		Power steering oil pressure switch
E21	3	Black	A-2		Pressure sensor
E31	3	★	A-1		Ignition coil #1
E32	3	★	B-3		Ignition coil #2
E33	3	Black	A-2		Ignition coil #3
E34	3	Black	B-3		Ignition coil #4
E50	3	Black	B-3		TGV angle sensor LH
E51	2	Black	B-3		TGV LH
E54	3	Black	A-1		TGV angle sensor RH
E55	2	Black	A-2		TGV RH

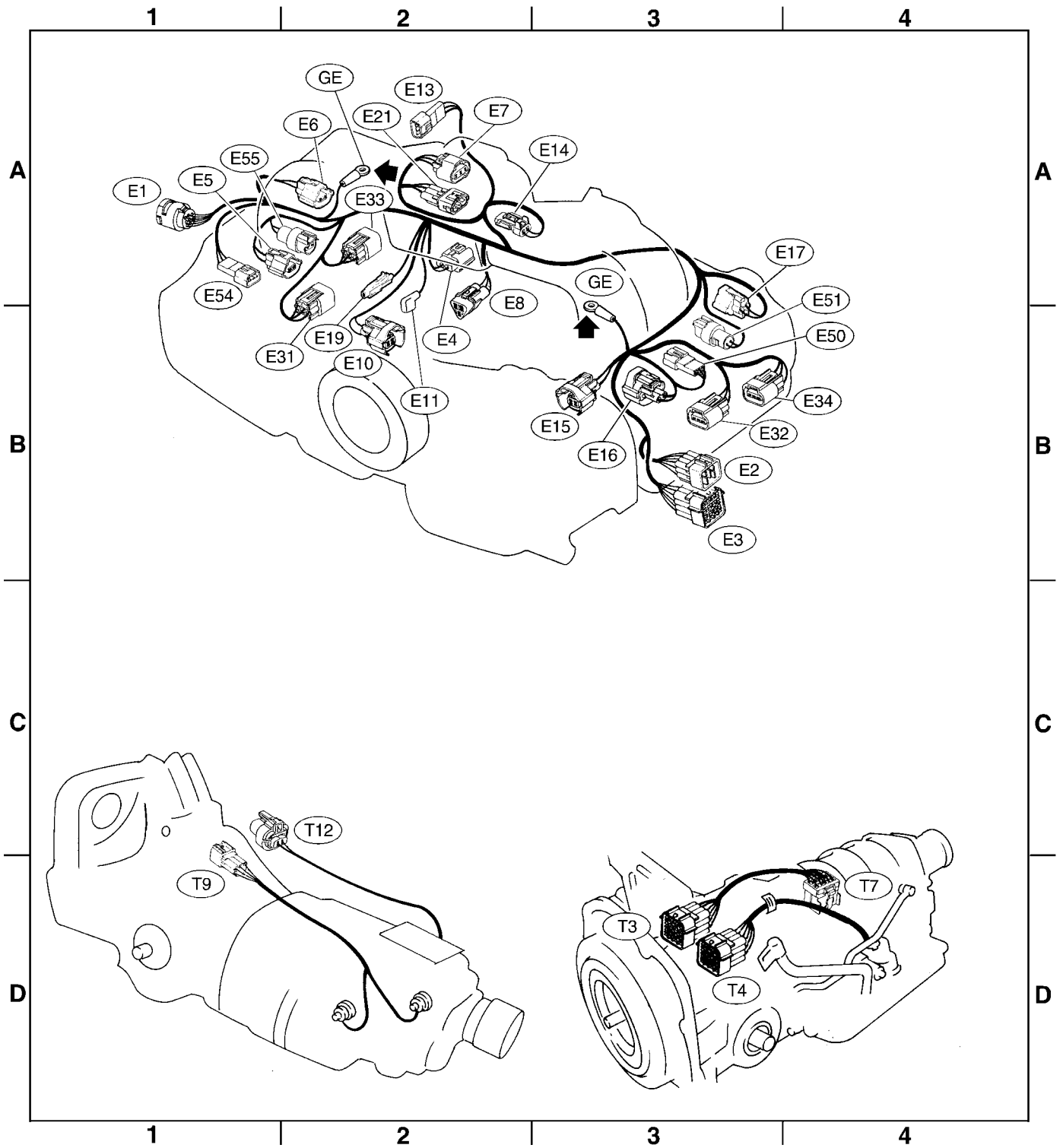
★: Non-colored

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
T3	12	Black	D-3	B12	Bulkhead wiring harness (AT)
T4	20	Black	D-3	B11	
T7	12	Black	D-4		Inhibitor switch (AT)
T9	4	Gray	C-1	B128	Bulkhead wiring harness (MT)
T12	4	Black	C-1	B17	Bulkhead wiring harness (MT)

★: Non-colored

ENGINE WIRING HARNESS AND TRANSMISSION CORD

Wiring System



S6M0501

INSTRUMENT PANEL WIRING HARNESS

Wiring System

52. Instrument Panel Wiring Harness S903435

A: LOCATION S903435A13

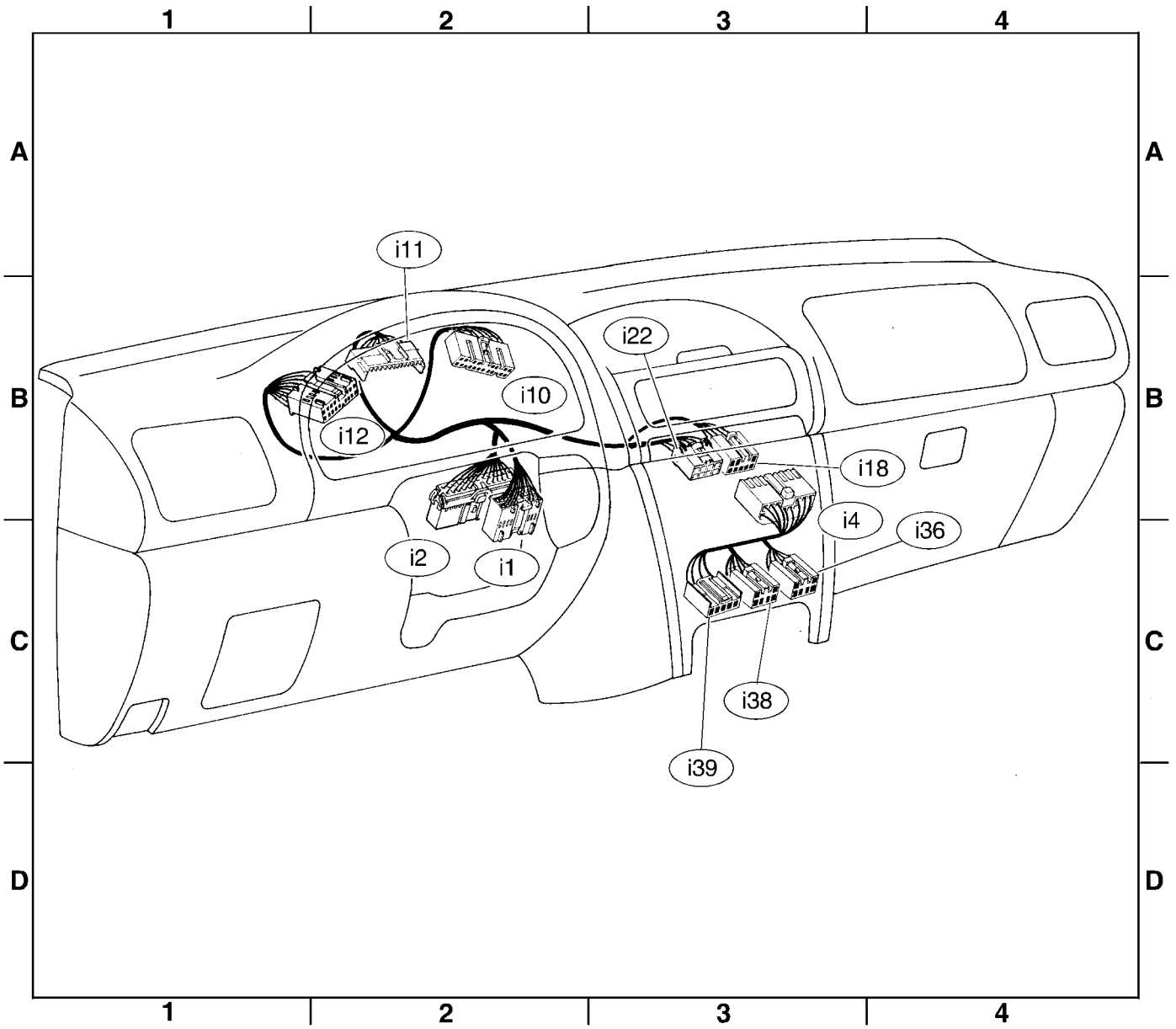
1. LHD MODEL S903435A1302

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
i1	16	★	B-2	B36	Bulkhead wiring harness
i2	24	Black	B-2	B37	
i4	14	★	C-3	B200	
i10	18	Green	B-2		Combination meter
i11	10	Green	B-2		
i12	16	Green	B-2		
i18	8	★	B-3		Rear defogger switch
i22	8	★	B-3		Hazard switch
i36	6	Gray	C-3		Headlight washer switch
i38	6	Black	C-3		Bright switch
i39	6	★	C-3		Headlight leveling switch

★: Non-colored

INSTRUMENT PANEL WIRING HARNESS

Wiring System



S6M0502

INSTRUMENT PANEL WIRING HARNESS

Wiring System

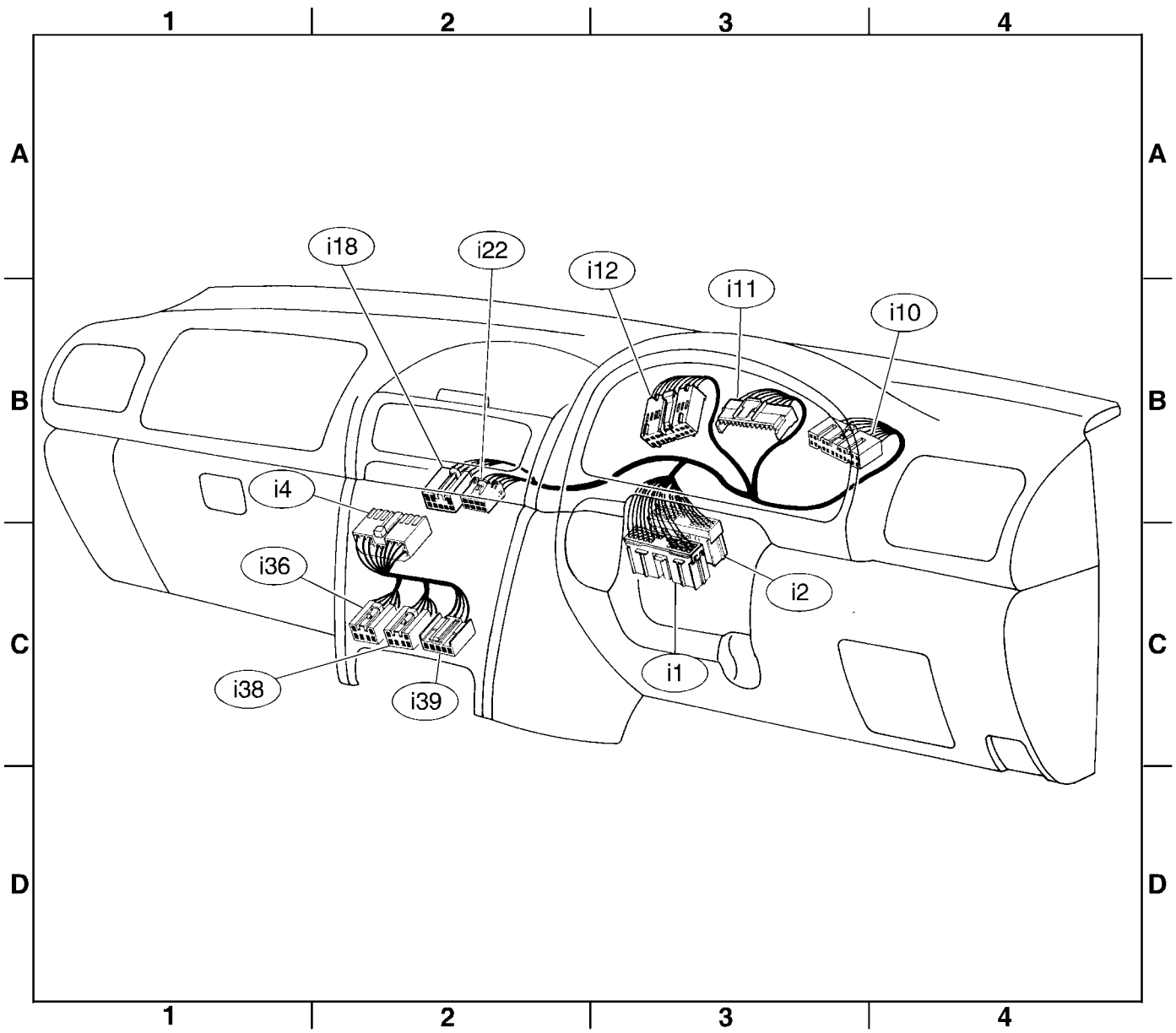
2. RHD MODEL S903435A1301

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
i1	14	Black	C-3	B36	Bulkhead wiring harness
i2	32	★	C-3	B37	
i4	14	★	C-2	B200	
i10	18	Green	B-3		Combination meter
i11	10	Green	B-3		
i12	16	Green	B-3		
i18	8	★	B-2		Rear defogger switch
i22	8	★	B-2		Hazard switch
i36	6	Gray	C-2		Headlight washer switch
i38	6	Black	C-2		Bright switch
i39	6	★	C-2		Headlight leveling switch

★: Non-colored

INSTRUMENT PANEL WIRING HARNESS

Wiring System



S6M0503

REAR WIRING HARNESS

Wiring System

53. Rear Wiring Harness S903431

A: LOCATION S903431A13

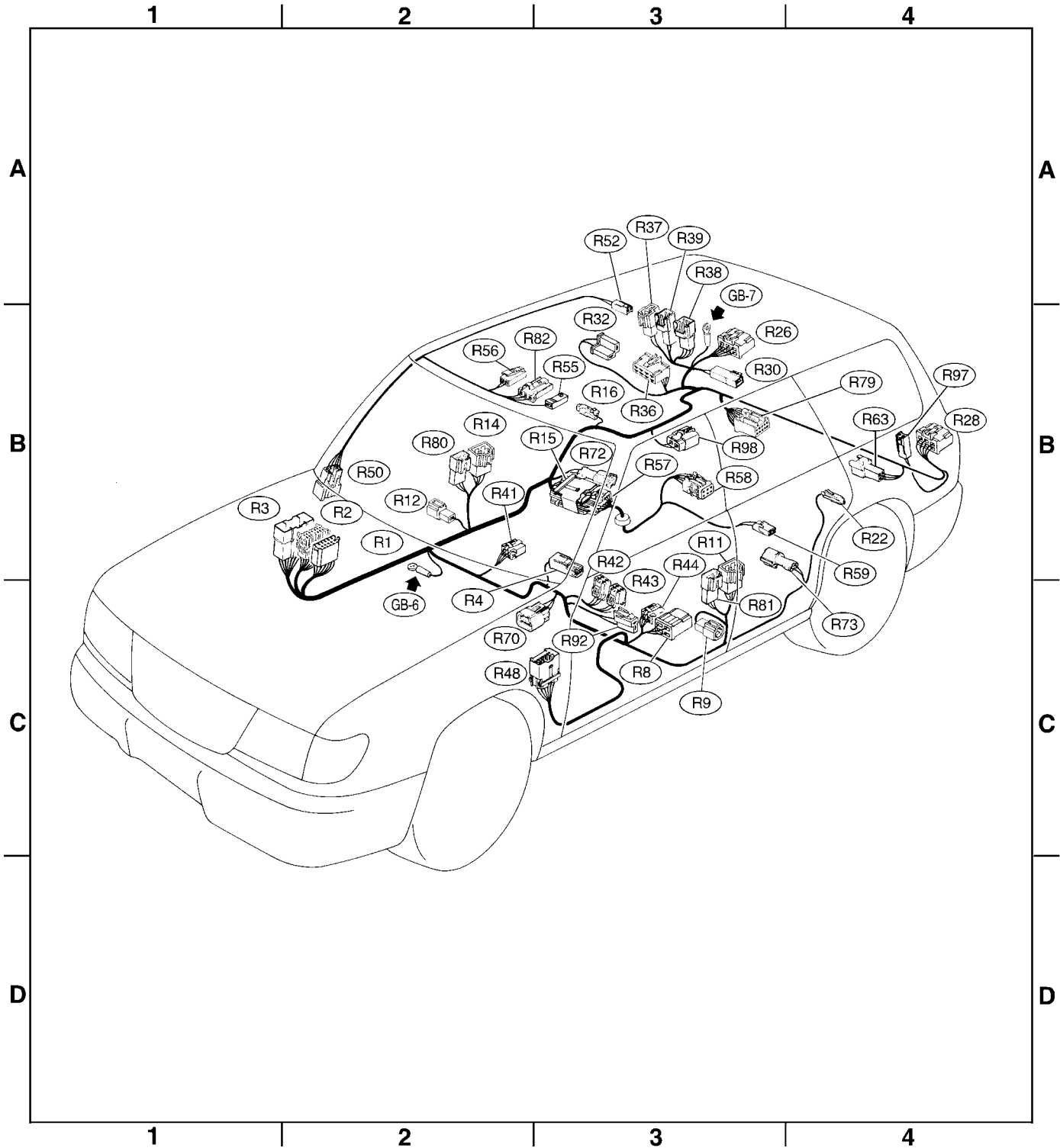
1. LHD MODEL S903431A1306

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
R1	10	★	C-2	B97	Bulkhead wiring harness
R2	12	★	C-2	B98	
R3	20	★	C-2	B99	
R4	1	★	C-3		Parking brake switch
R8	4	★	C-3		Seat belt switch
R9	1	★	C-3		Front door switch LH
R11	4	★	C-3	D21	Rear door cord LH
R12	1	★	B-2		Front door switch RH
R14	4	★	B-2	D27	Rear door cord RH
R15	6	Black	B-3	R57	Fuel tank cord
R16	1	Brown	B-3		Rear door switch RH
R22	1	Brown	B-4		Rear door switch LH
R26	6	★	B-3		Rear combination light RH
R28	6	★	B-4		Rear combination light LH
R30	2	★	B-3		Diode (Luggage room light)
R32	2	★	B-3		Rear accessory power supply
R36	8	★	B-3		Rear wiper intermittent module
R37	2	★	B-3	D33	Rear gate cord
R38	6	★	B-3	D34	
R39	4	★	B-3	D35	
R41	4	Blue	C-2		Seat heater RH
R42	4	★	C-3		Seat heater switch RH
R43	4	Blue	C-3		Seat heater switch LH
R44	4	Blue	C-3		Seat heater LH
R48	12	★	C-3	F55	Front wiring harness (ABS)
R50	8	★	B-2	B90	Bulkhead wiring harness
R52	*	★	A-3		Room light
R55	1	★	B-3		Sunroof motor
R56	2	★	B-2		Spot light
R57	8	★	B-3	R15	Rear wiring harness
R58	6	★	B-3		Fuel gauge module & fuel pump assembly
R59	2	★	C-3		Fuel gauge sub module
R63	4	★	B-4		License plate light
R70	3	★	C-2		ABS G sensor
R72	2	★	B-3		Rear ABS sensor RH
R73	2	★	C-3		Rear ABS sensor LH
R79	10	★	B-3		Trailer connector
R80	3	★	B-2	D64	Rear door cord RH
R81	3	★	C-3	D63	Rear door cord LH
R82	4	★	B-2		Clock
R92	2	★	C-3		Hold mode switch (AT)
R97	2	Brown	B-4		Antenna amplifier
R98	2	★	B-3		Rear differential oil temp switch (Turbo model for Europe)

REAR WIRING HARNESS

Wiring System

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
★: Non-colored					
* With sunroof models: 2					
Without sunroof models: 3					



S6M0504

REAR WIRING HARNESS

Wiring System

2. RHD MODEL S903431A1301

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
R1	10	★	B-2	B97	Bulkhead wiring harness
R2	18	★	B-2	B98	
R3	20	Blue	B-2	B99	
R4	1	★	C-3		Parking brake switch
R8	4	★	C-3		Seat belt switch
R9	1	★	C-3		Front door switch LH
R11	4	★	C-3	D21	Rear door cord LH
R12	1	★	B-2		Front door switch RH
R14	4	★	B-2	D27	Rear door cord RH
R15	6	Black	B-3	R57	Fuel tank cord
R16	1	Brown	B-3		Rear door switch RH
R22	1	Brown	B-4		Rear door switch LH
R26	6	★	B-3		Rear combination light RH
R28	6	★	B-4		Rear combination light LH
R30	2	★	B-3		Diode (Luggage room light)
R32	2	★	B-3		Rear accessory power supply
R36	8	★	B-3		Rear wiper intermittent module
R37	2	★	A-3	D33	Rear gate cord
R38	6	★	B-3	D34	
R39	4	★	B-3	D35	
R41	4	Blue	B-2		Seat heater RH
R42	4	★	C-3		Seat heater switch RH
R43	4	Blue	C-3		Seat heater switch LH
R44	4	Blue	C-3		Seat heater LH
R50	8	★	B-2	B90	Bulkhead wiring harness
R52	*	★	A-3		Room light
R55	1	★	B-3		Sunroof motor
R56	2	★	B-2		Spot light
R57	8	★	B-3	R15	Rear wiring harness
R58	6	★	B-3		Fuel gauge module & fuel pump assembly
R59	2	★	B-3		Fuel gauge sub module
R63	4	★	B-4		License plate light
R70	3	★	C-3		ABS G sensor
R72	2	★	B-3		Rear ABS sensor RH
R73	2	★	C-3		Rear ABS sensor LH
R79	10	★	B-3		Trailer connector
R80	3	★	B-2	D64	Rear door cord RH
R81	3	★	C-3	D63	Rear door cord LH
R82	4	★	B-3		Clock
R92	2	★	C-3		Hold mode switch (AT)
R97	2	Brown	B-4		Antenna amplifier
R98	2	★	B-3		Rear differential oil temp switch (Turbo model for Europe)

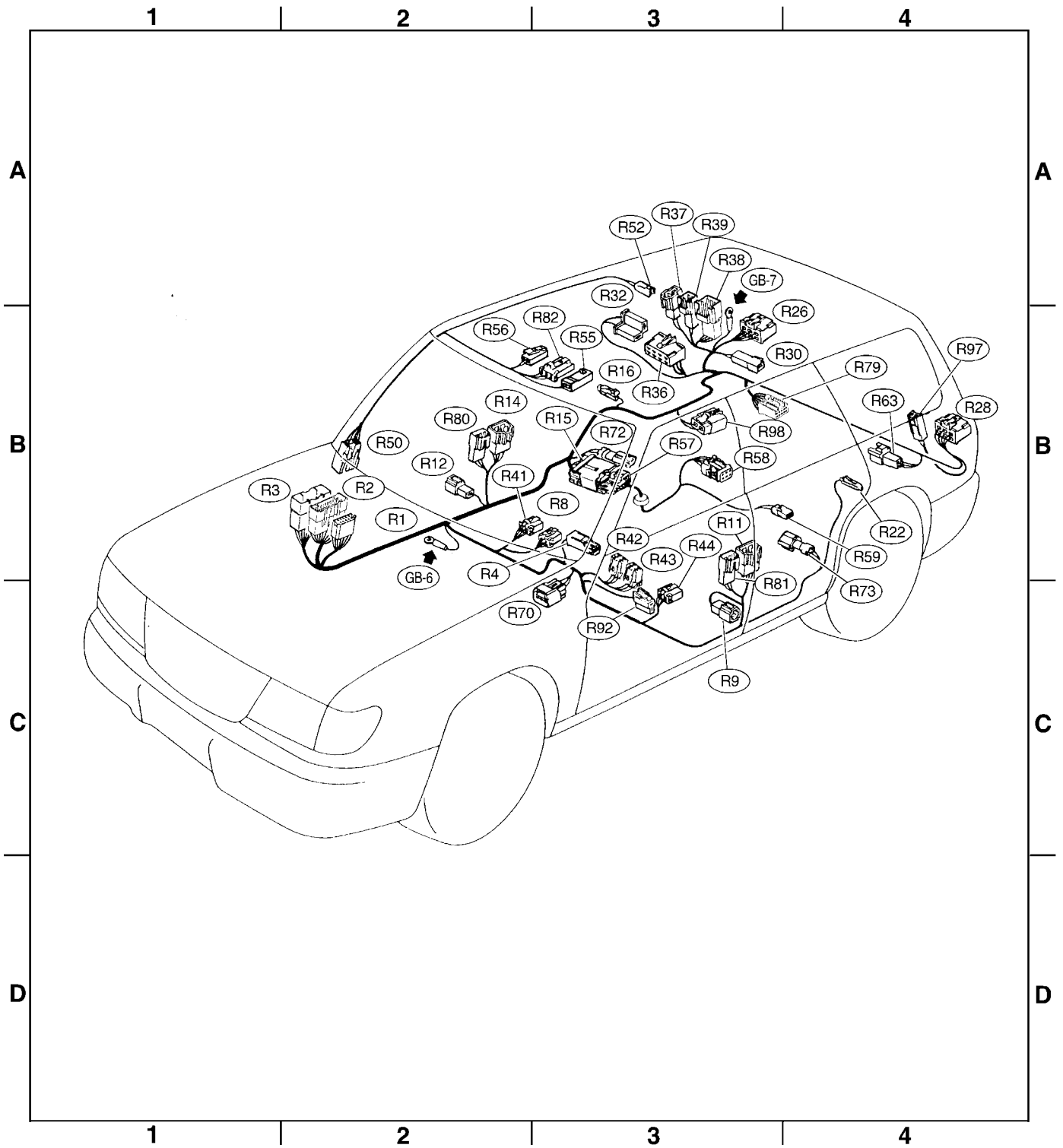
★: Non-colored

* With sunroof models: 2

Without sunroof models: 3

REAR WIRING HARNESS

Wiring System



S6M0505

DOOR CORD

Wiring System

54. Door Cord S903432

A: LOCATION S903432A13

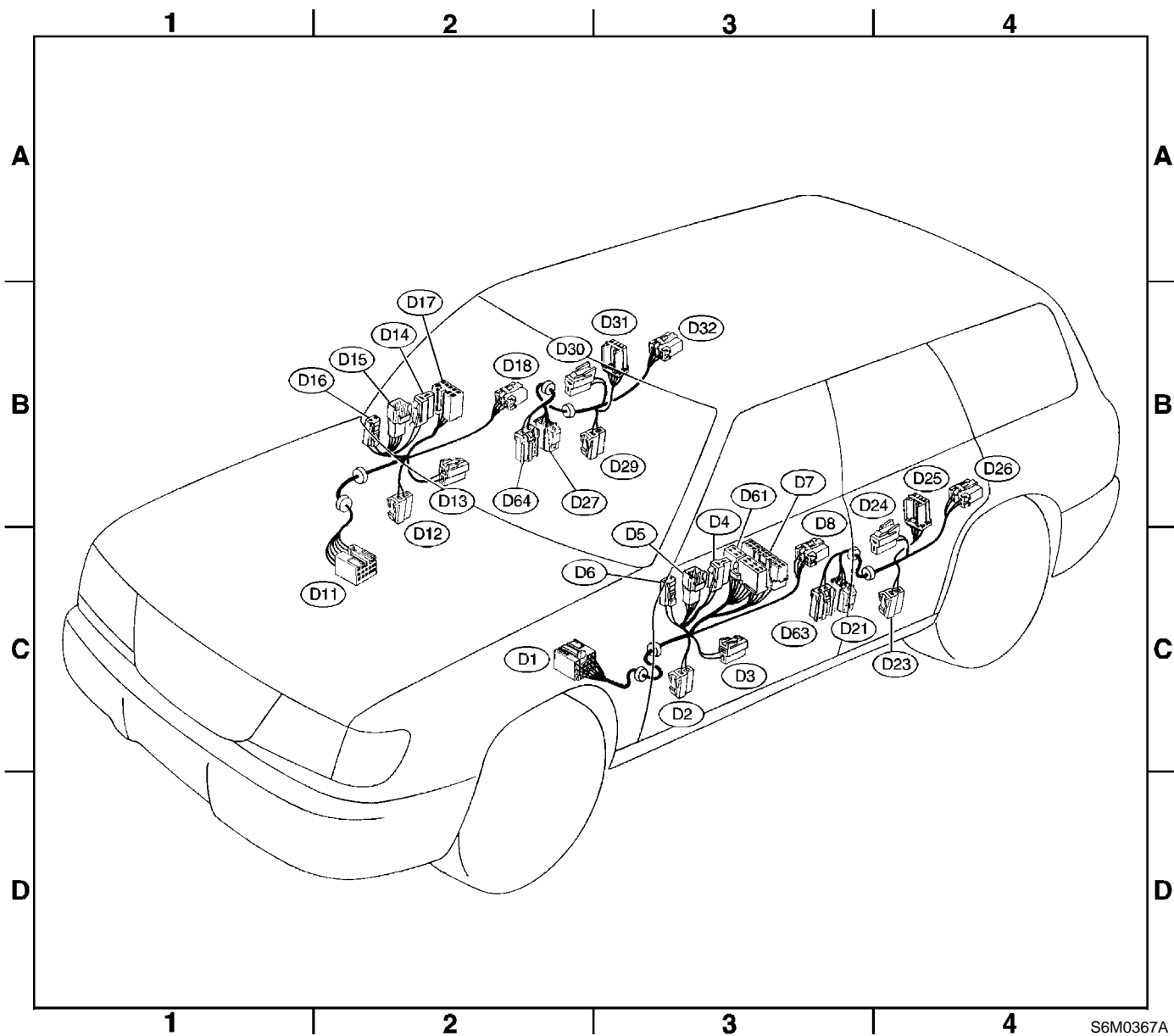
1. LHD MODEL S903432A1302

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
D1	25	★	C-2	B30	Bulkhead wiring harness
D2	2	★	C-3		Front door speaker LH
D3	2	Blue	C-3		Front power window motor LH
D4	2	Black	C-3		Front door tweeter LH
D5	6	★	C-3		Remote control rearview mirror LH
D6	2	★	C-3		Mirror heater LH
D7	16	★	C-3		Power window main switch
D8	4	Gray	C-3		Front door lock actuator LH
D11	25	★	C-2	B101	Bulkhead wiring harness
D12	2	★	B-2		Front door speaker RH
D13	2	Blue	B-2		Front power window motor RH
D14	2	Black	B-2		Front door tweeter RH
D15	6	★	B-2		Remote control rearview mirror RH
D16	2	★	B-2		Mirror heater RH
D17	8	★	B-2		Front power window sub switch RH
D18	4	★	B-2		Front door lock actuator RH
D21	4	★	C-3	R11	Rear wiring harness
D23	2	★	C-4		Rear door speaker LH
D24	2	Blue	C-4		Rear power window motor LH
D25	6	★	B-4		Rear power window sub switch LH
D26	4	★	B-4		Rear door lock actuator LH
D27	4	★	B-2	R14	Rear wiring harness
D29	2	★	B-3		Rear door speaker RH
D30	2	Blue	B-2		Rear power window motor RH
D31	6	★	B-3		Rear power window sub switch RH
D32	4	★	B-3		Rear door lock actuator RH
D61	10	★	B-3		Remote control rearview mirror switch
D63	3	★	C-3	R81	Rear wiring harness
D64	3	★	B-2	R80	Rear wiring harness

★: Non-colored

DOOR CORD

Wiring System



S6M0367A

DOOR CORD

Wiring System

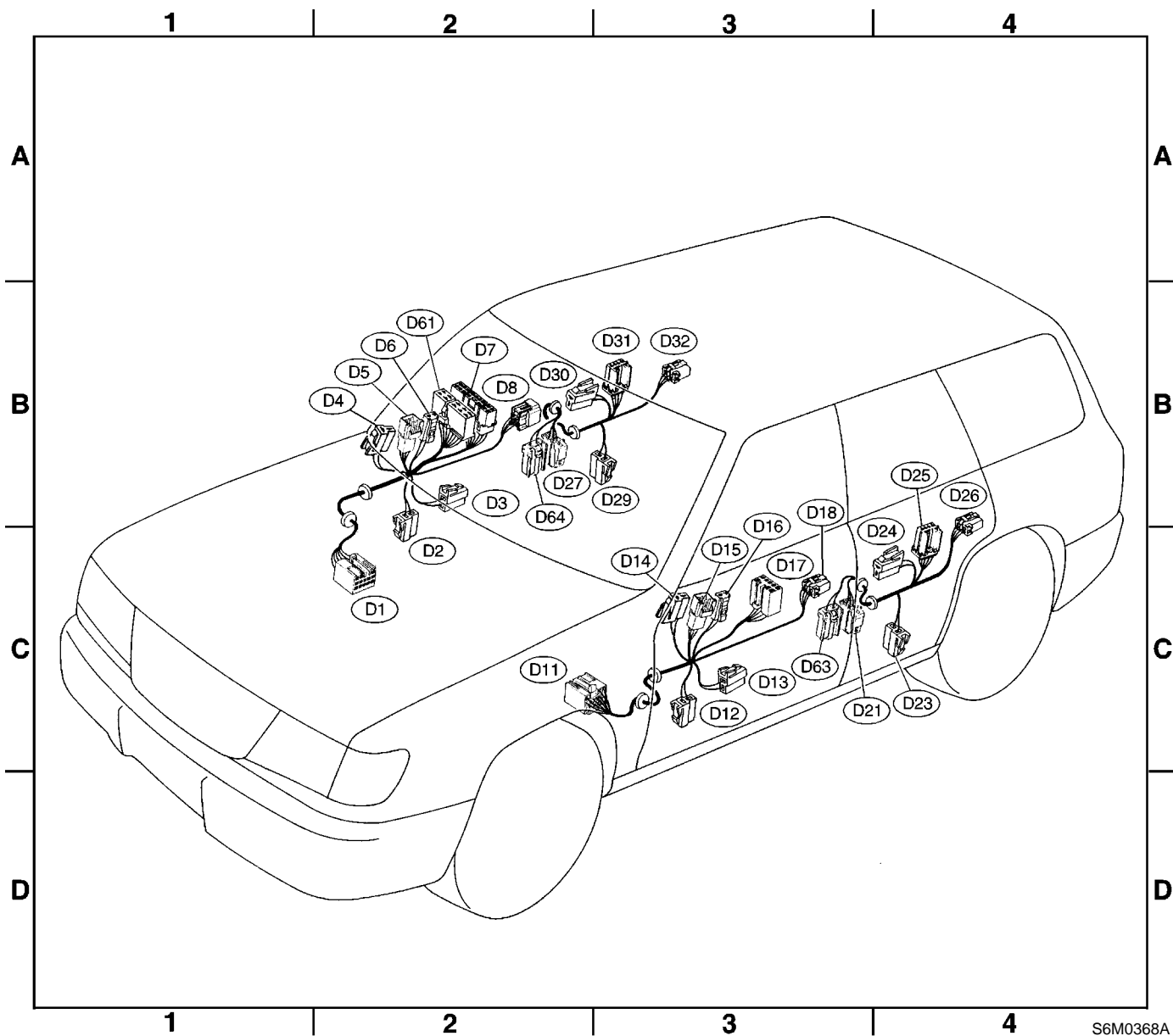
2. RHD MODEL S903432A1301

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
D1	25	★	C-2	B30	Bulkhead wiring harness
D2	2	★	C-2		Front door speaker RH
D3	2	Blue	B-2		Front power window motor RH
D4	2	Black	B-2		Front door tweeter RH
D5	6	★	B-2		Remote control rearview mirror RH
D6	2	★	B-2		Mirror heater RH
D7	16	★	B-2		Power window main switch
D8	4	Gray	B-2		Front door lock actuator RH
D11	25	★	C-2	B101	Bulkhead wiring harness
D12	2	★	C-3		Front door speaker LH
D13	2	Blue	C-3		Front power window motor LH
D14	2	Black	C-3		Front door tweeter LH
D15	6	★	C-3		Remote control rearview mirror LH
D16	2	★	C-3		Mirror heater LH
D17	8	★	C-3		Front power window sub switch LH
D18	4	★	C-3		Front door lock actuator LH
D21	4	★	C-3	R11	Rear wiring harness
D23	2	★	C-4		Rear door speaker LH
D24	2	Blue	C-4		Rear power window motor LH
D25	6	★	C-4		Rear power window sub switch LH
D26	4	★	B-4		Rear door lock actuator LH
D27	4	★	B-2	R14	Rear wiring harness
D29	2	★	B-3		Rear door speaker RH
D30	2	Blue	B-2		Rear power window motor RH
D31	6	★	B-3		Rear power window sub switch RH
D32	4	★	B-3		Rear door lock actuator RH
D61	10	★	B-2		Remote control rearview mirror switch
D63	3	★	C-3	R81	Rear wiring harness
D64	3	★	B-2	R80	Rear wiring harness

★: Non-colored

DOOR CORD

Wiring System



S6M0368A

REAR GATE CORD

Wiring System

55. Rear Gate Cord S903748

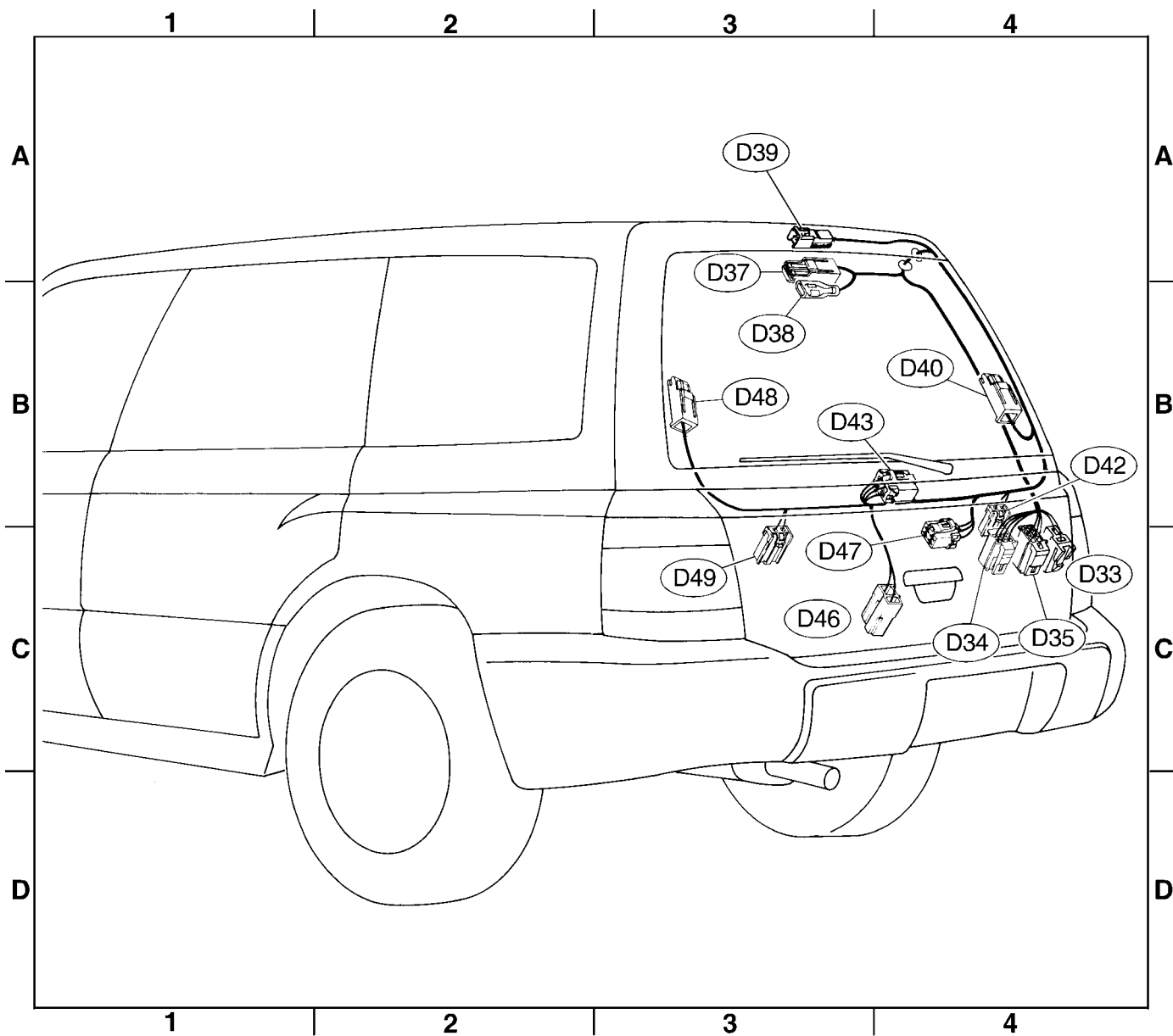
A: LOCATION S903748A13

Connector				Connecting to	
No.	Pole	Color	Area	No.	Name
D33	2	★	C-4	R37	Rear wiring harness
D34	6	★	C-4	R38	
D35	4	★	C-4	R39	
D37	1	Black	A-3		Luggage room light (Power)
D38	1	★	B-3		Luggage room light
D39	2	Black	A-3		High-mount stop light
D40	1	Black	B-4		Rear defogger (Power)
D42	3	★	B-4		Rear finisher light RH
D43	4	★	B-3		Rear wiper motor
D46	2	Black	B-3		Rear gate latch switch
D47	4	★	C-4		Rear gate lock actuator
D48	1	Black	B-3		Rear defogger (Ground)
D49	3	★	C-3		Rear finisher light LH

★: Non-colored

REAR GATE CORD

Wiring System



S6M0449A

REAR GATE CORD

Wiring System

MEMO: