

FOREWORD

This wiring diagram manual has been prepared to provide information on the electrical system of the DUTRO.

Applicable models: XZU305, 345, 404, 414, 424, 434

For service specifications and repair procedures of the above models other than those listed in this manual, refer to the following manuals;

Manual Name	Pub. No.
• DUTRO Chassis and Body Workshop Manual	S1-YXZE10A
• S05C-B, S05C-TA, S05C-TB Engine Workshop Manual	S5-YS05E06A
• N04C-TF Engine Workshop Manual	S5-YN04E01A

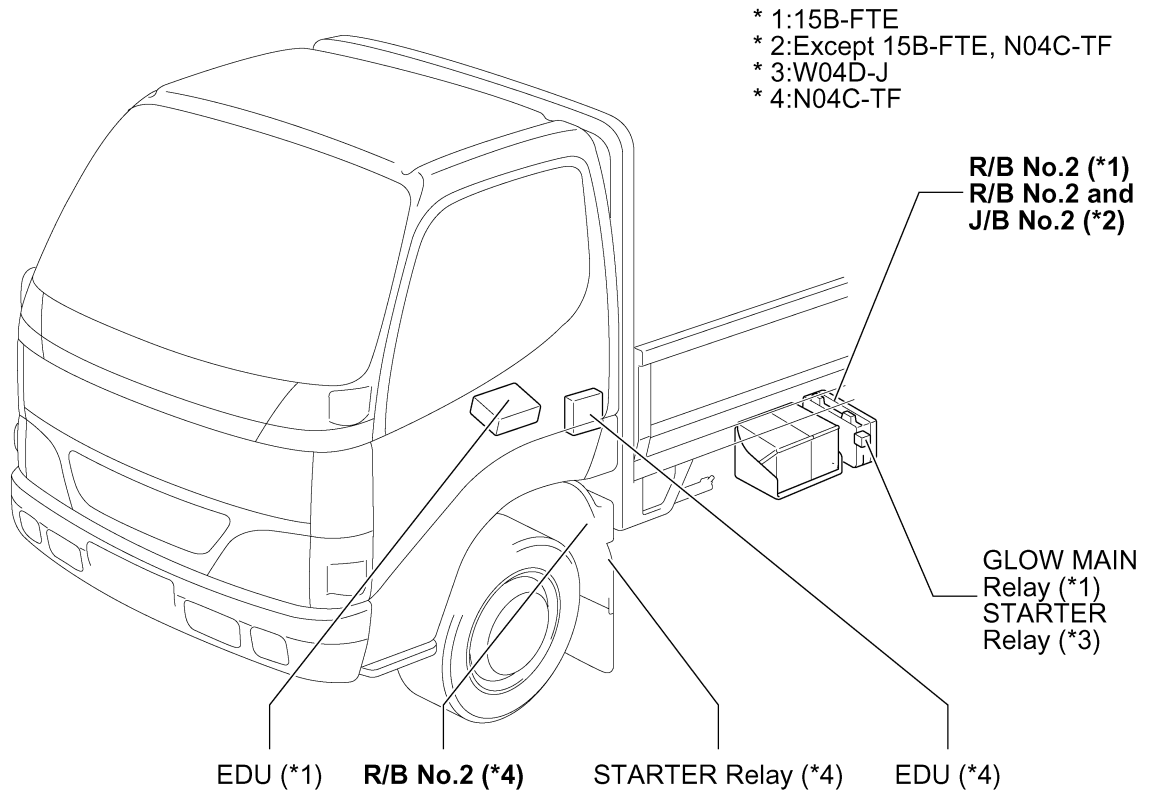
All information in this manual is based on the latest product information at the time of publication. However, specifications and procedures are subject to change without notice.

INDEX

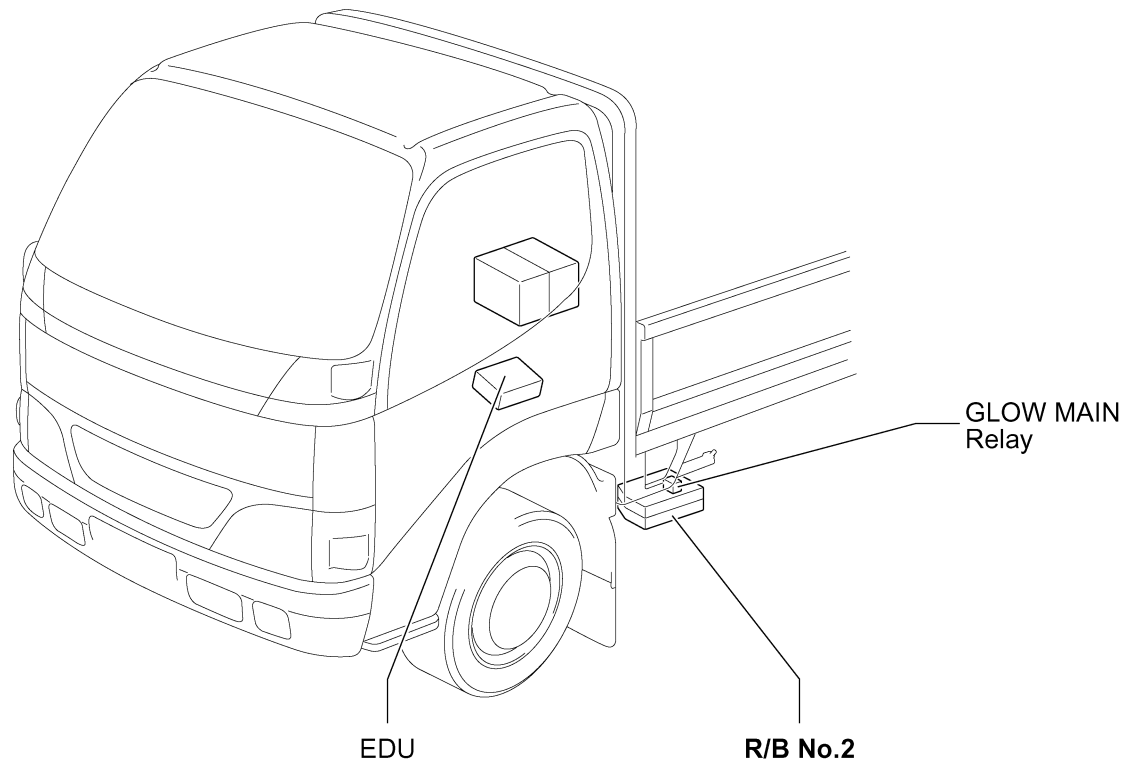
	Page
RELAY LOCATIONS	2
ELECTRICAL WIRING ROUTING	6
CONNECTOR LIST	17
PART NUMBER OF CONNECTORS	27
OVERALL ELECTRICAL WIRING DIAGRAM	31
	Location
ABS (N04C-TF)	34 – 2
Air Conditioner (15B-FTE, S05C-TB, N04C-TF)	31 – 4
Back-Up Light (15B-FTE, S05C-TB, N04C-TF)	14 – 2
Charging (15B-FTE, S05C-TB, N04C-TF)	1 – 4
Cigarette Lighter (15B-FTE, S05C-TB, N04C-TF)	25 – 2
Combination Meter (15B-FTE, S05C-TB, N04C-TF) ..	27 – 2
Condenser Fan (15B-FTE, S05C-TB, N04C-TF)	29 – 2
Door Lock Control	19 – 4
Engine Control (N04C-TF)	33 – 3
ES Starting System (N04C-TF)	34 – 2
Exhaust Brake (N04C-TF)	33 – 3
Front Fog Light (15B-FTE, S05C-TB)	14 – 3
Front Heater (15B-FTE, S05C-TB, N04C-TF)	31 – 2
Headlight (15B-FTE, S05C-TB, N04C-TF)	8 – 2
Horn (15B-FTE, S05C-TB, N04C-TF)	22 – 4
Illumination (15B-FTE, S05C-TB, N04C-TF)	12 – 2
Interior Light (15B-FTE, S05C-TB, N04C-TF)	17 – 8
Power Outlet	24 – 2
Power Source	1~34 – 1
Power Window	19 – 2
PTO (15B-FTE, S05C-TB, N04C-TF)	22 – 2
Radio and Player (15B-FTE, S05C-TB, N04C-TF)	25 – 3
SRS	21 – 2
Starting (15B-FTE, S05C-TB, N04C-TF)	1 – 2
Stop Light (15B-FTE, S05C-TB, N04C-TF)	8 – 4
Tachograph (S05C-TB)	29 – 4
Taillight (15B-FTE, S05C-TB, N04C-TF)	12 – 2
Turn Signal and Hazard Warning Light (15B-FTE, S05C-TB, N04C-TF)	10 – 2
Wiper and Washer (15B-FTE, S05C-TB, N04C-TF) ...	17 – 2

RELAY LOCATIONS

[Engine Compartment] (Standard Cab Except Standard Roof)

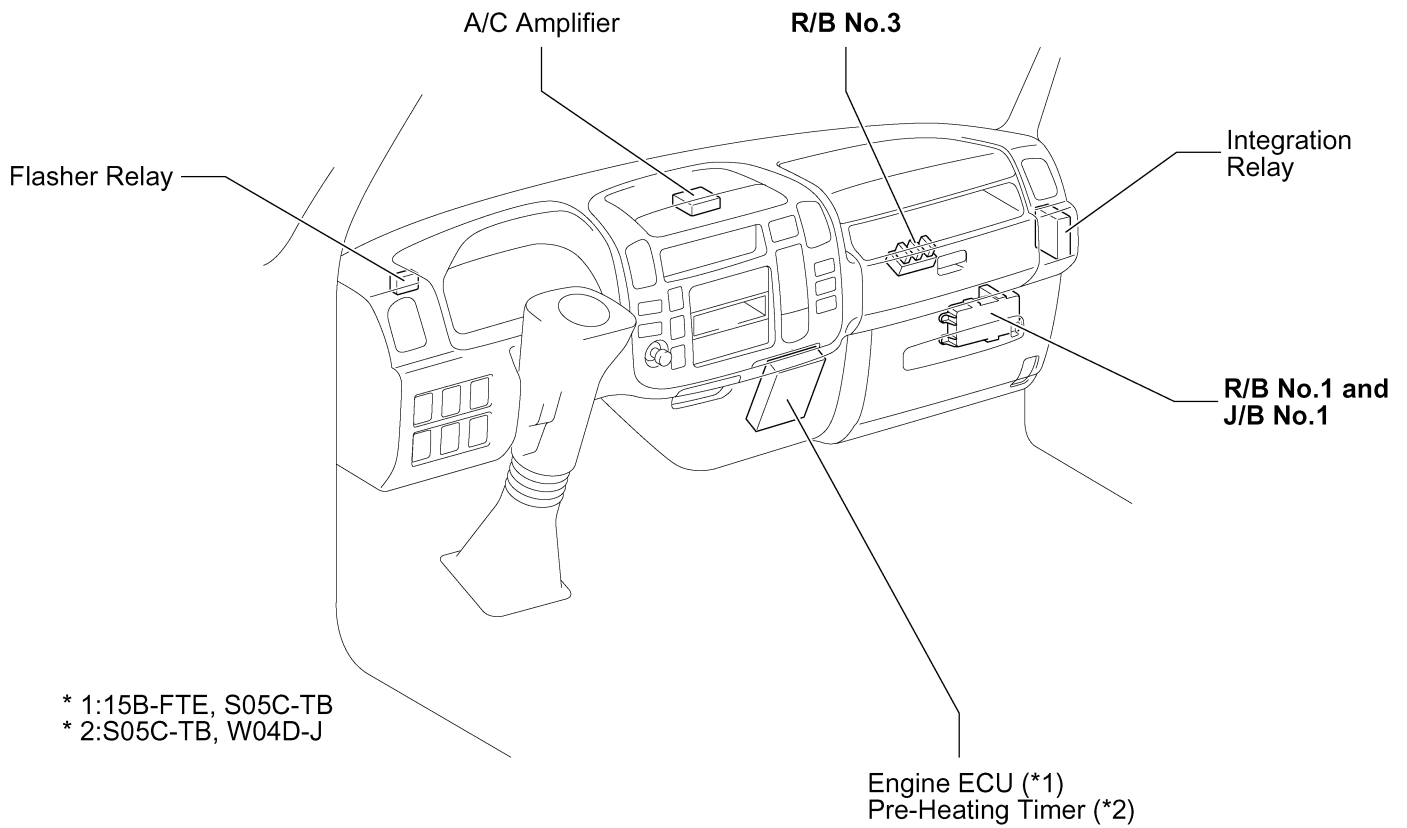


(Standard Cab Standard Roof)

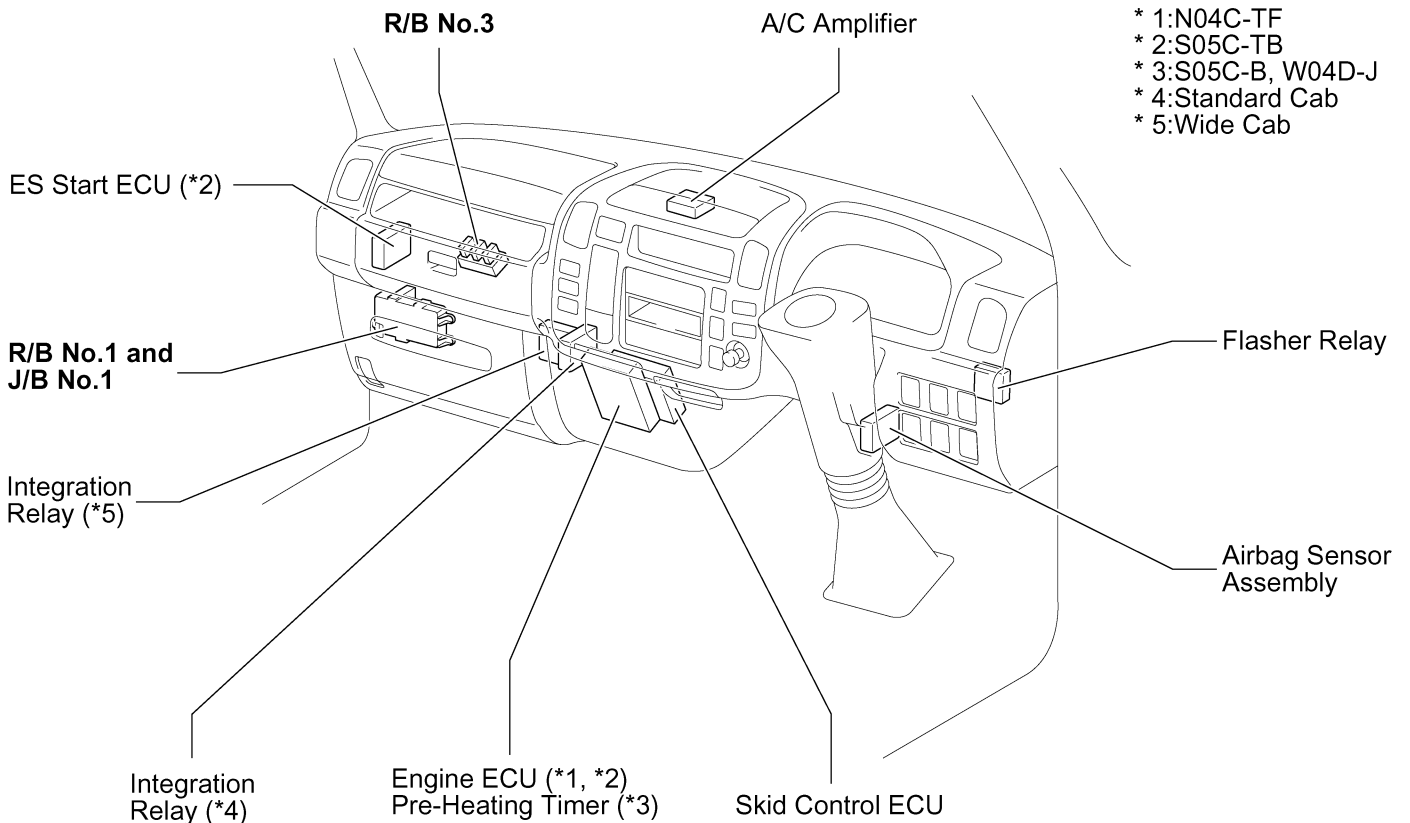


RELAY LOCATIONS

[Instrument Panel] (LHD)

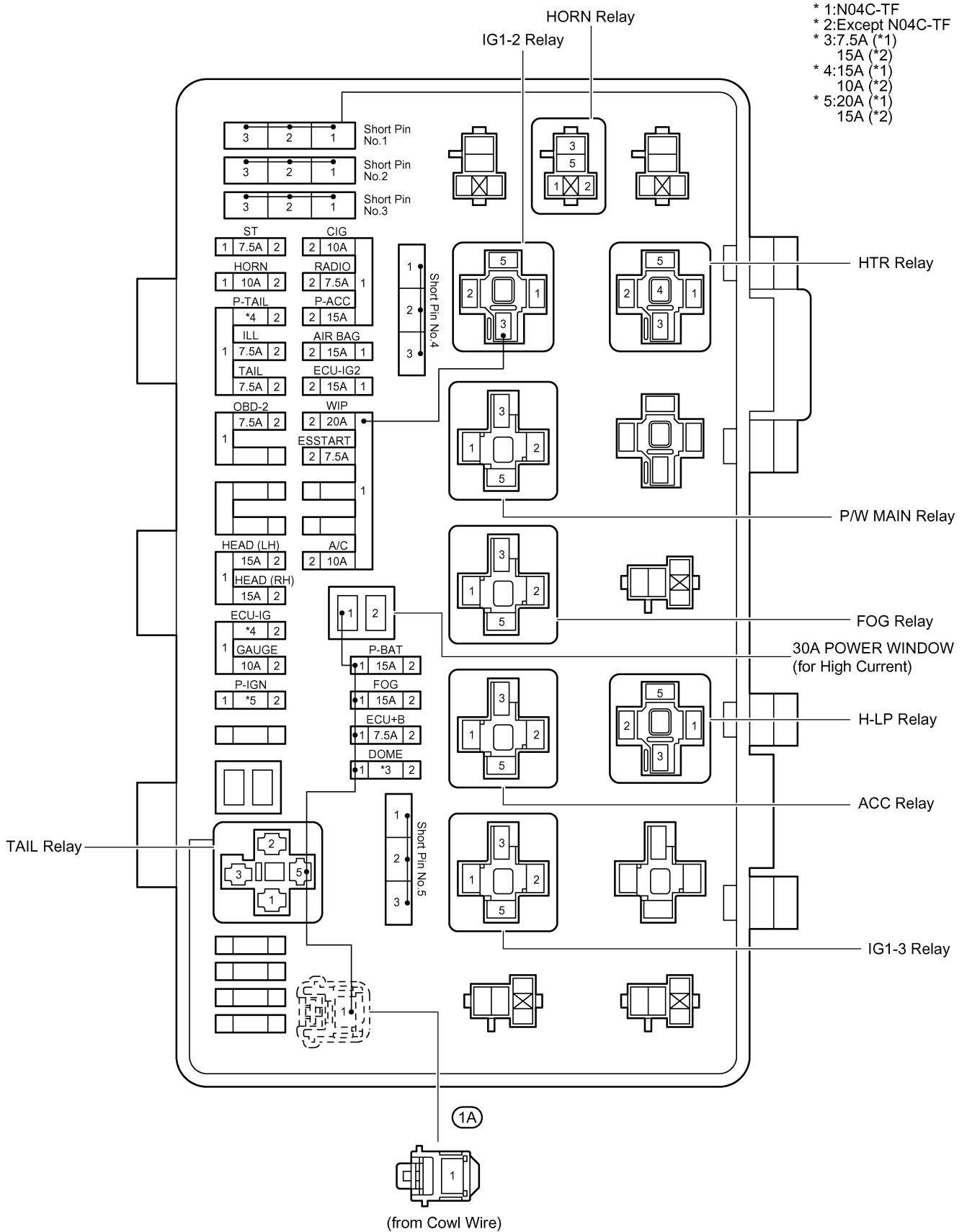


(RHD)



RELAY LOCATIONS

[R/B No.1, J/B No.1]
 (15B-FTE, S05C-TB, N04C-TF)

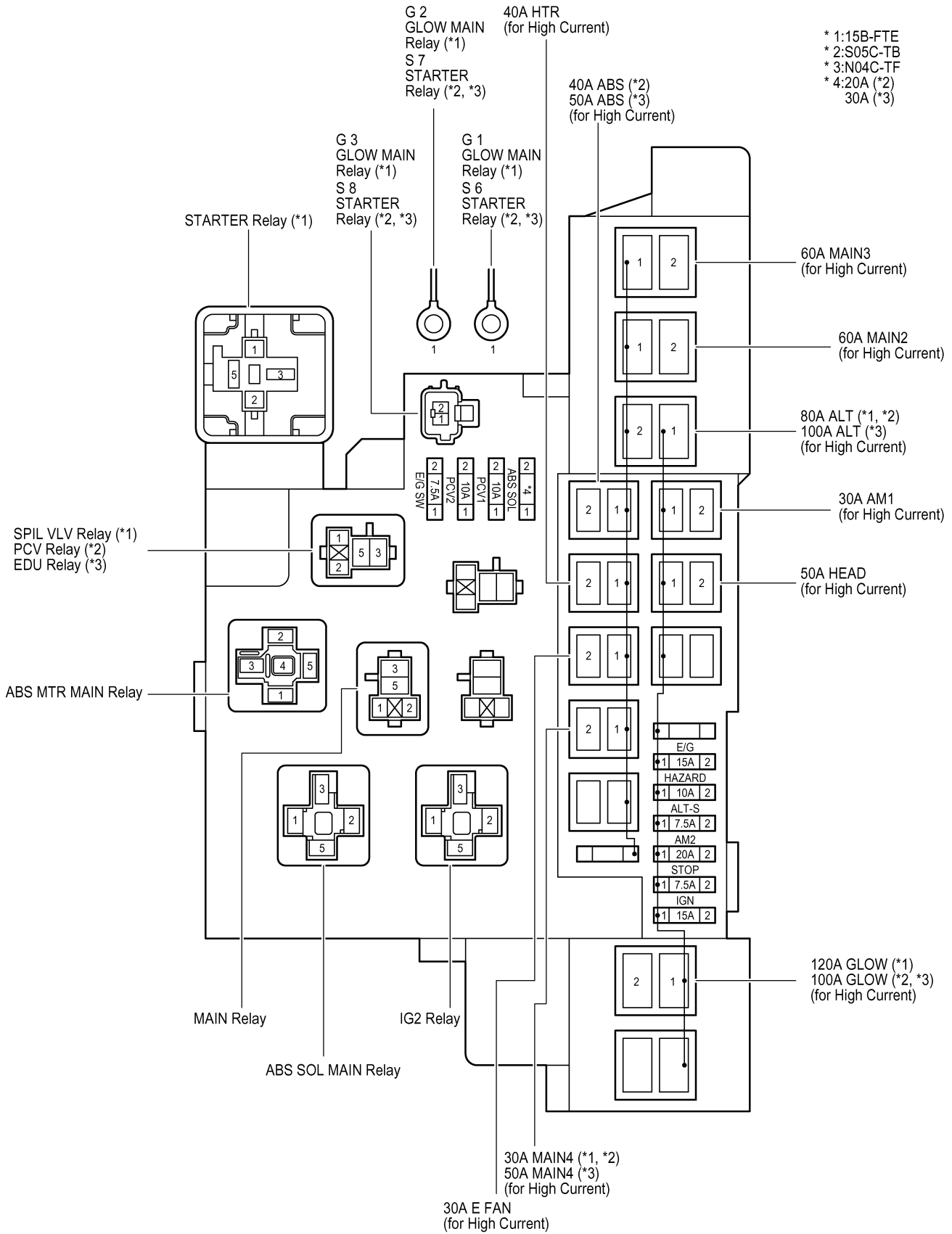


RELAY LOCATIONS

[R/B No.2]

(15B-FTE, S05C-TB, N04C-TF)

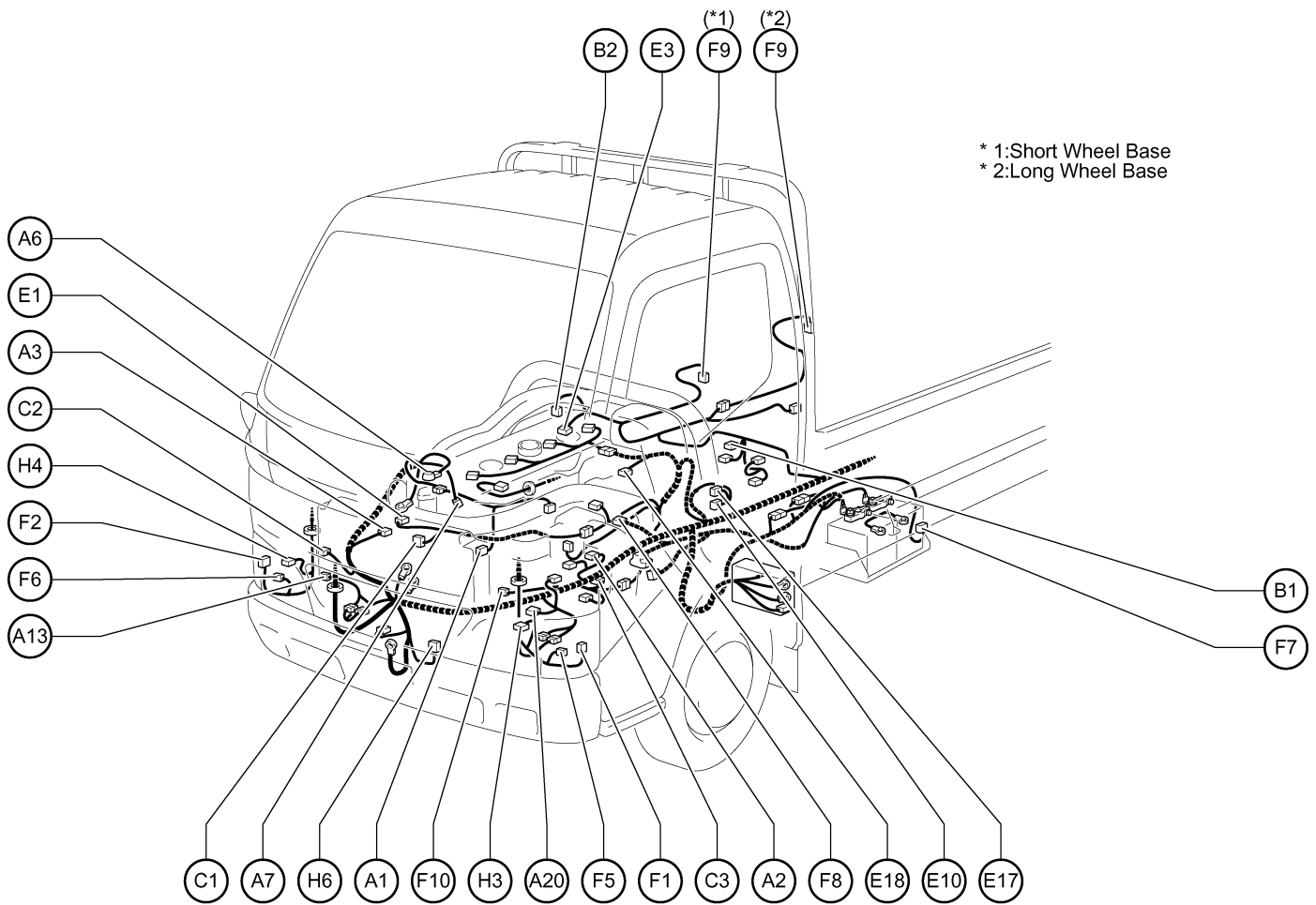
- * 1:15B-FTE
- * 2:S05C-TB
- * 3:N04C-TF
- * 4:20A (*2)
- 30A (*3)



ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[RHD : N04C-TF]



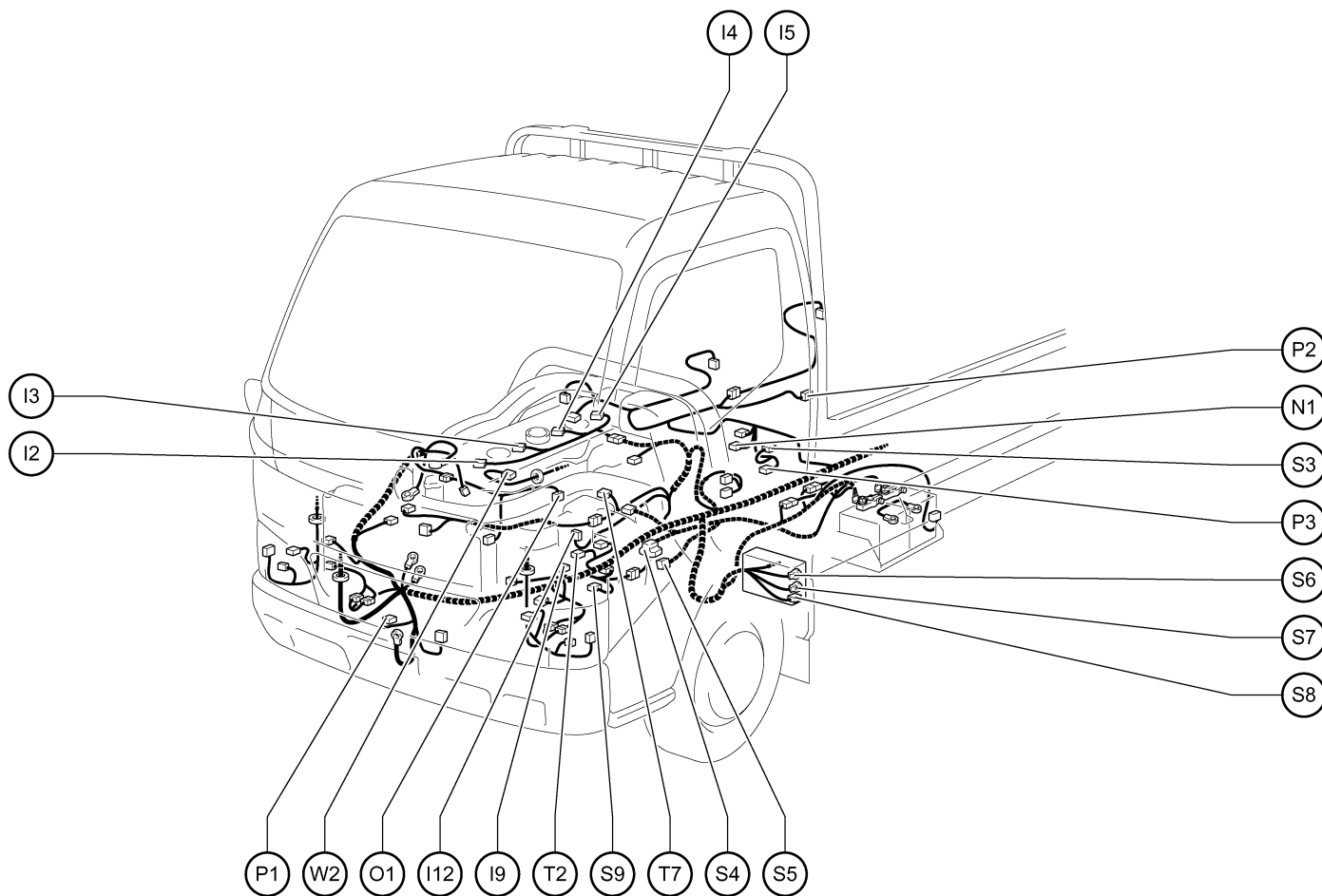
- A 1 A/C Magnetic Clutch
- A 2 ABS Speed Sensor Front LH
- A 3 ABS Speed Sensor Front RH
- A 6 Alternator
- A 7 Alternator
- A 13 ABS Actuator
- A 20 Air Flow Meter
- B 1 Back-Up Light SW
- B 2 Brake Vacuum Warning SW
- C 1 Camshaft Position Sensor
- C 2 Condenser Fan Motor and Resistor
- C 3 Crankshaft Position Sensor
- E 1 EFI Water Temp. Sensor
Water Temp. Sender
- E 3 Exhaust Brake Solenoid
- E 10 EDU
- E 17 EDU
- E 18 EGR Valve Position Sensor

- F 1 Front Clearance Light LH
- F 2 Front Clearance Light RH
- F 5 Front Turn Signal Light LH
- F 6 Front Turn Signal Light RH
- F 7 Fuel Filter Warning SW
- F 8 Fuel Pressure Sensor
- F 9 Fuel Sender
- F 10 Fuel Temp. Sensor
- H 3 Headlight LH
- H 4 Headlight RH
- H 6 Horn (Low)

ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[RHD : N04C-TF]



- I 2 Injector No.1
- I 3 Injector No.2
- I 4 Injector No.3
- I 5 Injector No.4
- I 9 Intake Air Temp. Sensor
- I 12 ISC Valve

N 1 Neutral Position SW

O 1 Oil Pressure SW

P 1 Pressure SW

P 2 PTO Solenoid Valve

P 3 PTO Transmission Neutral Position SW

S 3 Speed Sensor (Combination Meter)

S 4 Starter

S 5 Starter

S 6 STARTER Relay

S 7 STARTER Relay

S 8 STARTER Relay

S 9 Suction Control Valve No.1

T 2 Turbo Pressure Sensor

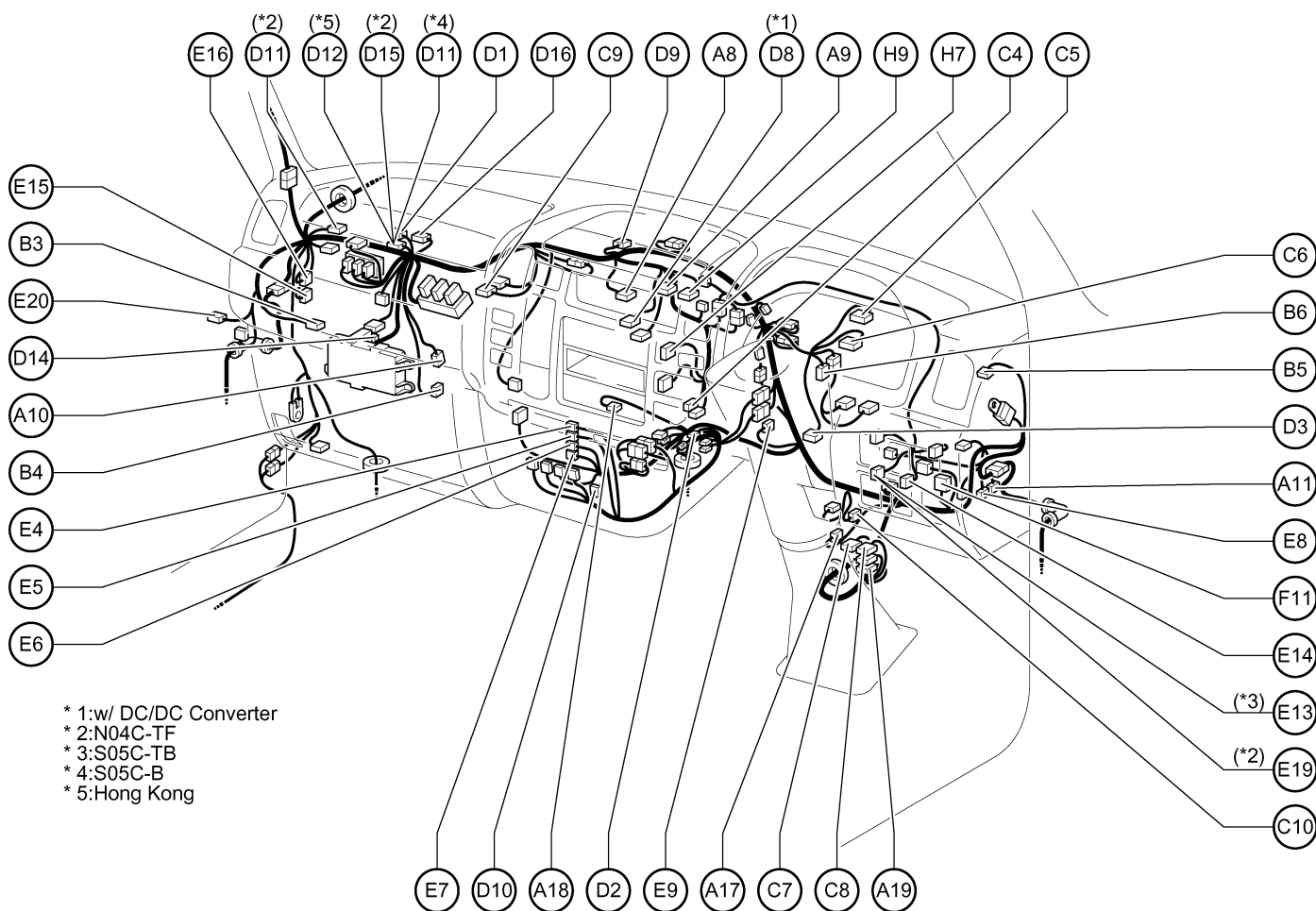
T 7 Throttle Position Sensor

W 2 Wiper Motor

ELECTRICAL WIRING ROUTING

Position of Parts in Instrument Panel

[RHD]



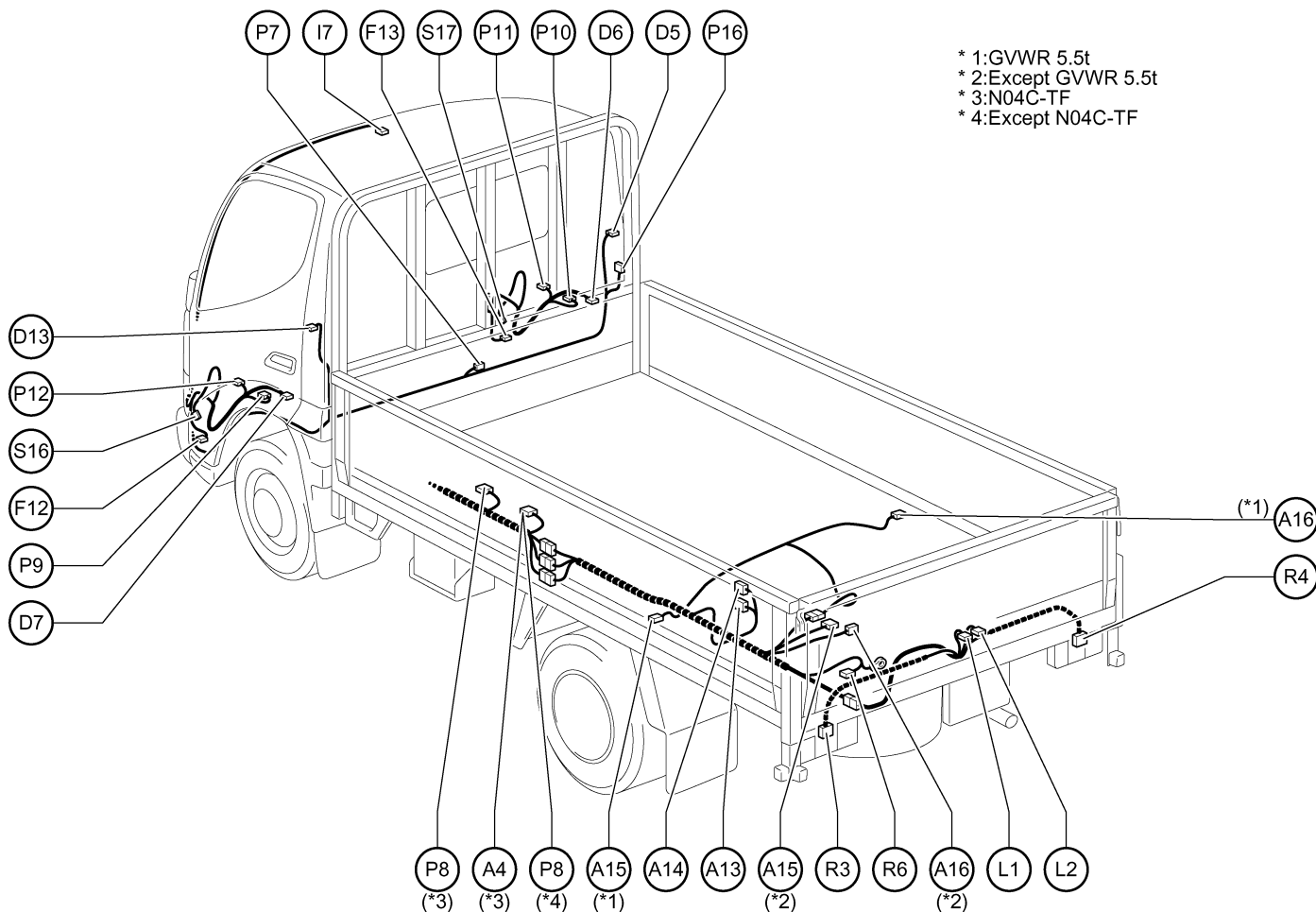
- * 1:w/ DC/DC Converter
- * 2:N04C-TF
- * 3:S05C-TB
- * 4:S05C-B
- * 5:Hong Kong

- | | |
|---------------------------------------|--|
| A 8 A/C Amplifier | D 9 Diode (A/C No.2) |
| A 9 A/C SW | D10 Diode (ES Start) |
| A10 A/C Thermistor | D11 Diode (Parking Brake) |
| A11 Accelerator Pedal Position Sensor | D12 Diode (Stop) |
| A17 Airbag Sensor Assembly | D14 Diode (Parking) |
| A18 Airbag Sensor Front | D15 Diode (Stop 1) |
| A19 Airbag Squib (Steering Wheel Pad) | D16 Diode (Stop 2) |
| B 3 Blower Motor | E 4 Engine ECU |
| B 4 Blower Resistor | E 5 Engine ECU |
| B 5 Brake Fluid Level Warning SW | E 6 Engine ECU |
| B 6 Brake Vacuum Warning Buzzer | E 7 Engine ECU |
| C 4 Cigarette Lighter | E 8 Exhaust Brake Accelerator Pedal SW |
| C 5 Combination Meter | E 9 Exhaust Brake Clutch SW |
| C 6 Combination Meter | E13 ES Start Main SW |
| C 7 Combination SW | E14 ES Start Timing SW |
| C 8 Combination SW | E15 ES Start ECU |
| C 9 Condenser Fan Fuse | E16 ES Start ECU |
| C10 Clutch Pedal Stroke Sensor | E19 ES Start Main SW |
| D 1 Diode (A/C No.1) | E20 ES Starting System Warning Buzzer |
| D 2 Diode (Pressure Charge Valve) | F 11 Flasher Relay |
| D 3 DLC3 | H 7 Hazard SW |
| D 8 DC/DC Converter | H 9 Heater Control SW |

ELECTRICAL WIRING ROUTING

Position of Parts in Body

[RHD]



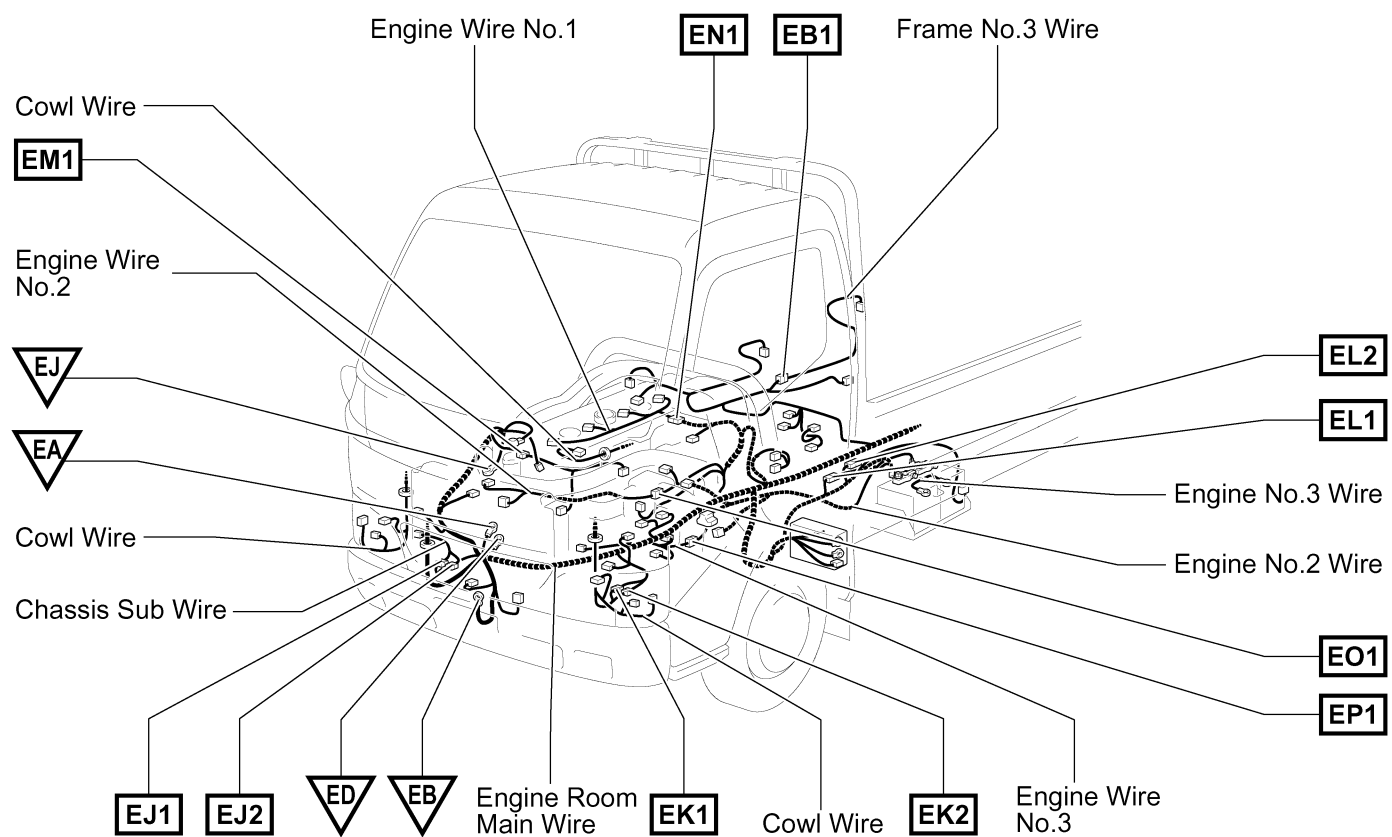
* 1:GVWR 5.5t
 * 2:Except GVWR 5.5t
 * 3:N04C-TF
 * 4:Except N04C-TF

- | | |
|--|--|
| A 4 Accel Position Sensor | P 7 Parking Brake SW |
| A 13 ABS Actuator | P 8 Power Outlet |
| A 14 ABS Actuator | P 9 Power Window Control SW (Passenger's Side) |
| A 15 ABS Speed Sensor Rear LH | P 10 Power Window Master SW |
| A 16 ABS Speed Sensor Rear RH | P 11 Power Window Motor (Driver's Side) |
| | P 12 Power Window Motor (Passenger's Side) |
| D 5 Door Courtesy SW (Driver's Side) | P 16 Pretensioner (Driver's Side) |
| D 6 Door Lock Control SW | |
| D 7 Door Lock Motor (Passenger's Side) | R 3 Rear Combination Light LH |
| D 13 Door Courtesy SW (Passenger's Side) | R 4 Rear Combination Light RH |
| | R 6 Reverse Warning Buzzer |
| F 12 Front Side Turn Signal Light LH | |
| F 13 Front Side Turn Signal Light RH | S 16 Speaker LH |
| | S 17 Speaker RH |
| I 7 Interior Light | |
| L 1 License Plate Light LH | |
| L 2 License Plate Light RH | |

ELECTRICAL WIRING ROUTING

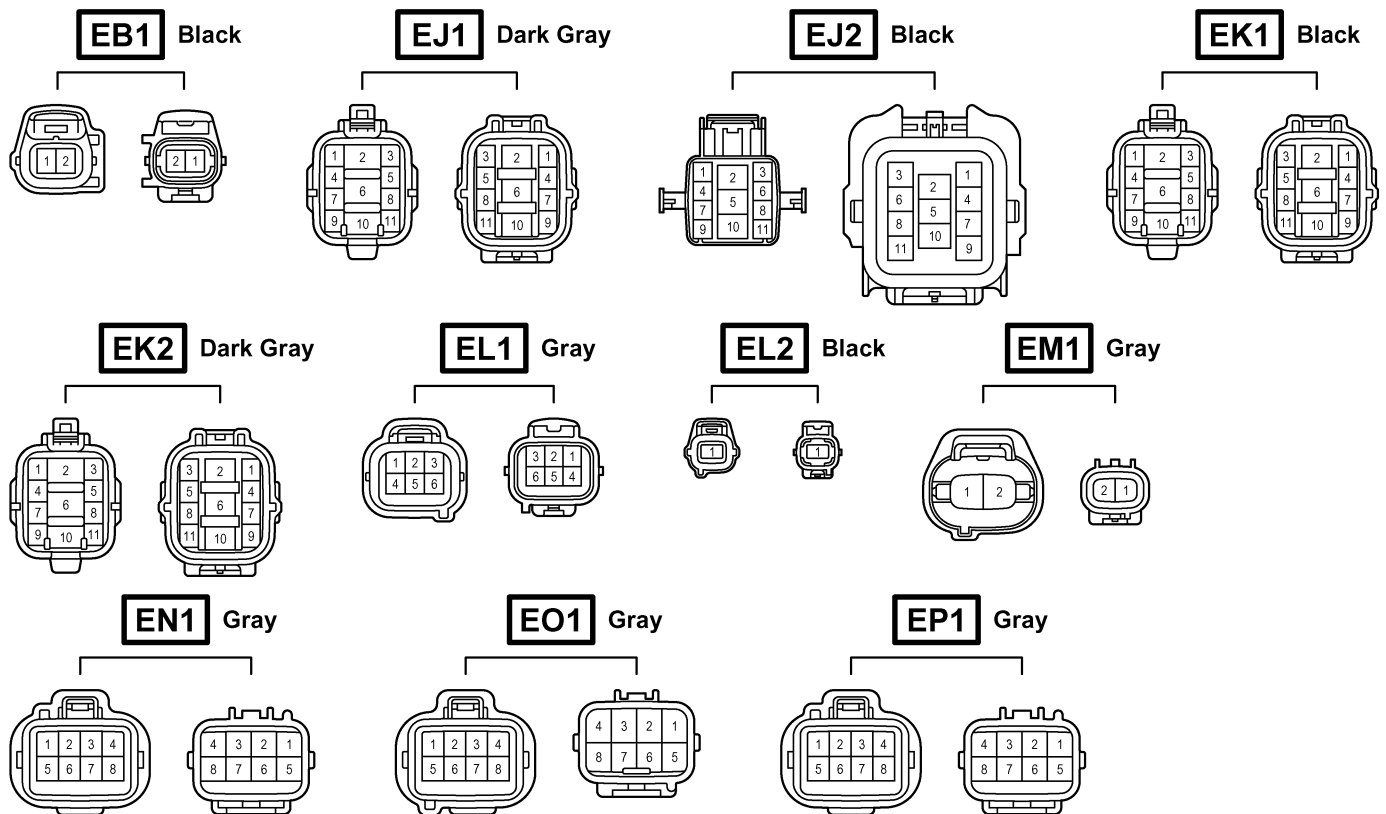
- : Location of Connector Joining Wire Harness and Wire Harness
- ▽ : Location of Ground Points

[RHD : N04C-TF]



ELECTRICAL WIRING ROUTING

Connector Joining Wire Harness and Wire Harness

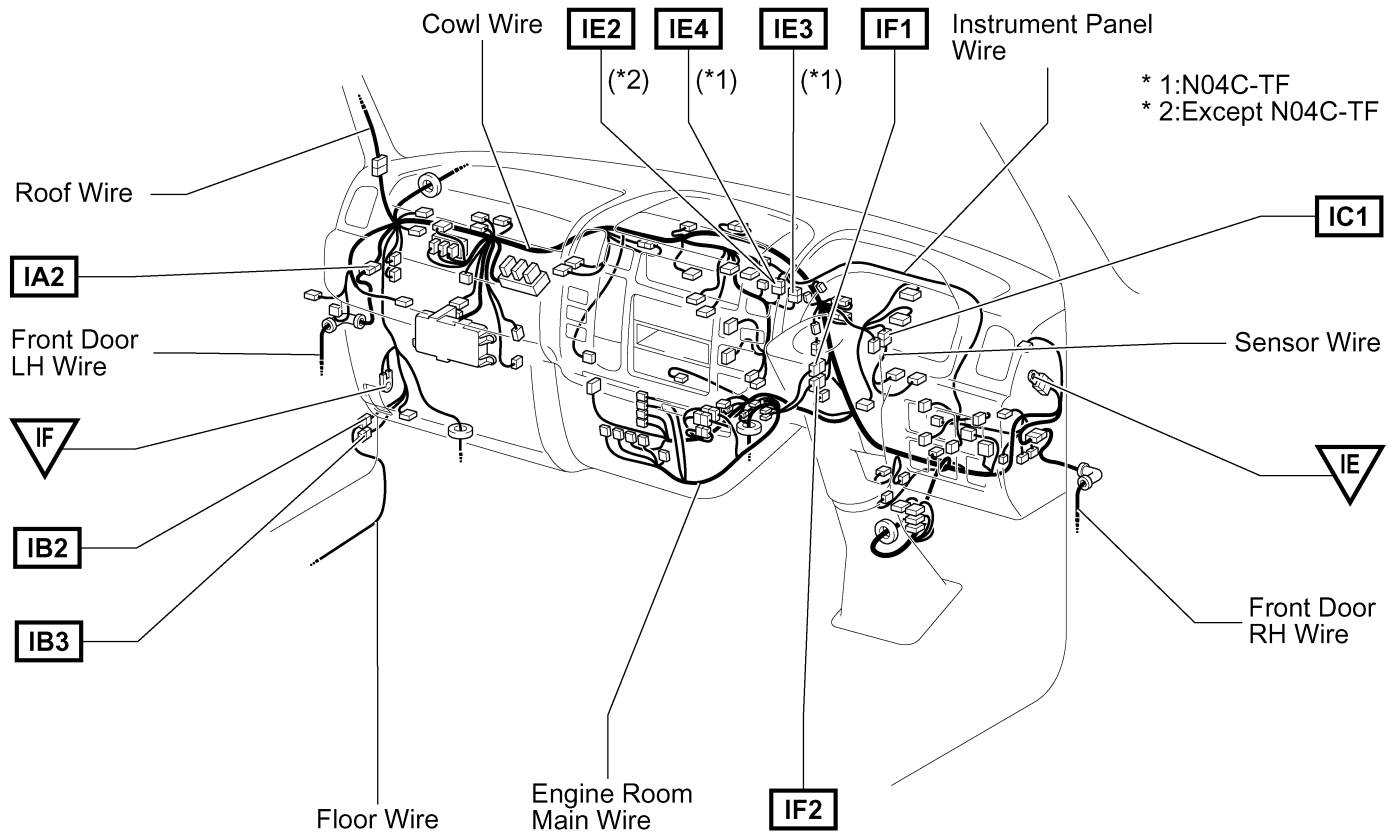


Code	Joining Wire Harness and Wire Harness (Connector Location)
EB1	Frame No.3 Wire and Engine Room Main Wire (Right Side of the No.3 Crossmember)
EJ1	Engine Room Main Wire and Chassis Sub Wire (Front Side of the No.2 Crossmember)
EJ2	Engine Room Main Wire and Chassis Sub Wire (Front Side of the No.2 Crossmember)
EK1	Cowl Wire and Engine Room Main Wire (Left Side of the No.2 Crossmember)
EK2	Cowl Wire and Engine Room Main Wire (Left Side of the No.2 Crossmember)
EL1	Engine Room Main Wire and Engine No.2 Wire (Left Side of the No.3 Crossmember)
EL2	Engine Room Main Wire and Engine No.2 Wire (Left Side of the No.3 Crossmember)
EM1	Engine Room Main Wire and Oil Pressure SW Wire (Front Side of the Alternator)
EN1	Engine Room Main Wire and Engine Wire No.1 (Rear Upper Side of the Engine Unit)
EO1	Engine Room Main Wire and Engine Wire No.2 (Left Side of the Engine Unit)
EP1	Engine Room Main Wire and Engine Wire No.3 (Left Side of the Engine Unit)

ELECTRICAL WIRING ROUTING

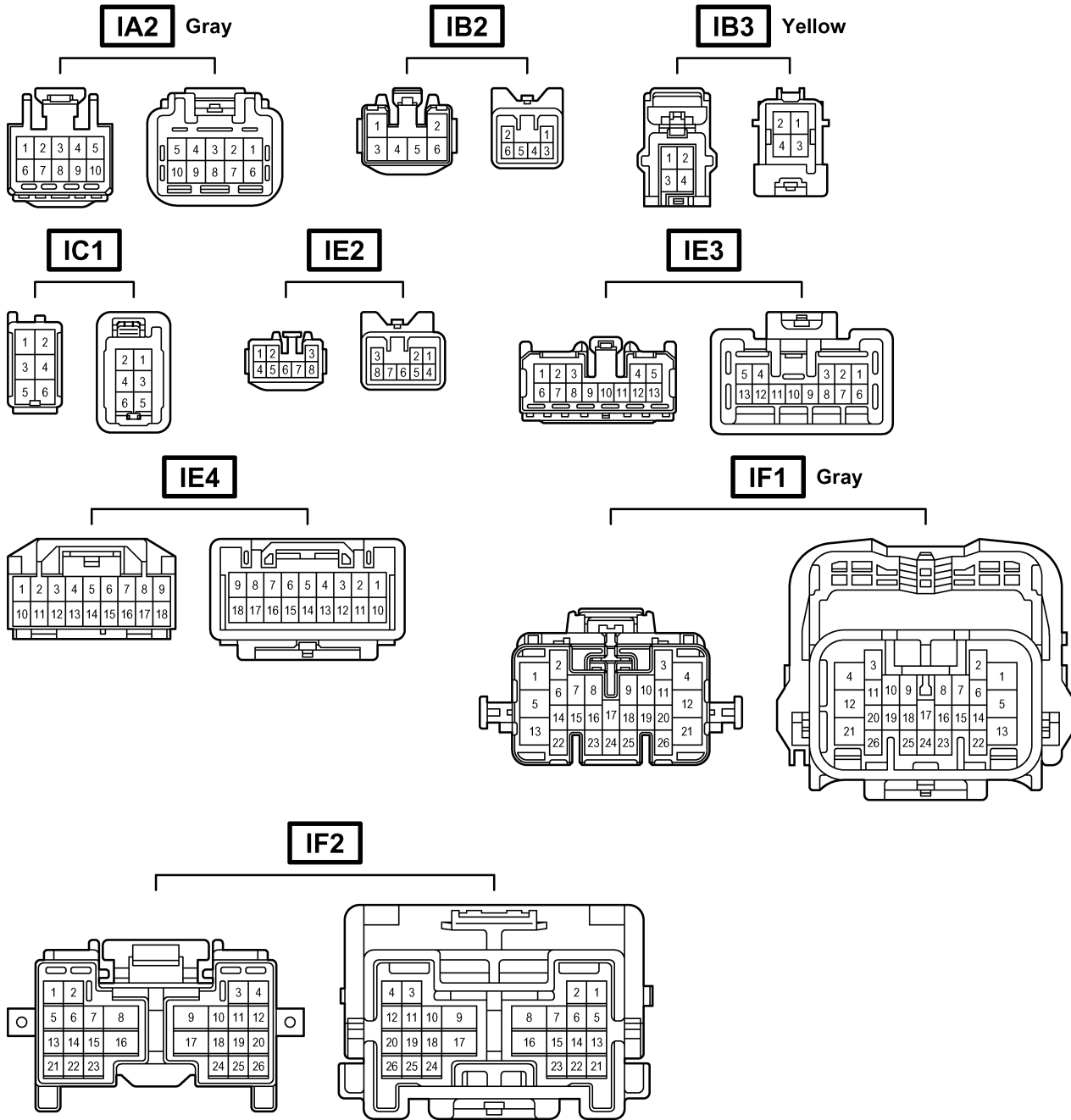
□	: Location of Connector Joining Wire Harness and Wire Harness
▽	: Location of Ground Points

[RHD]



ELECTRICAL WIRING ROUTING

Connector Joining Wire Harness and Wire Harness

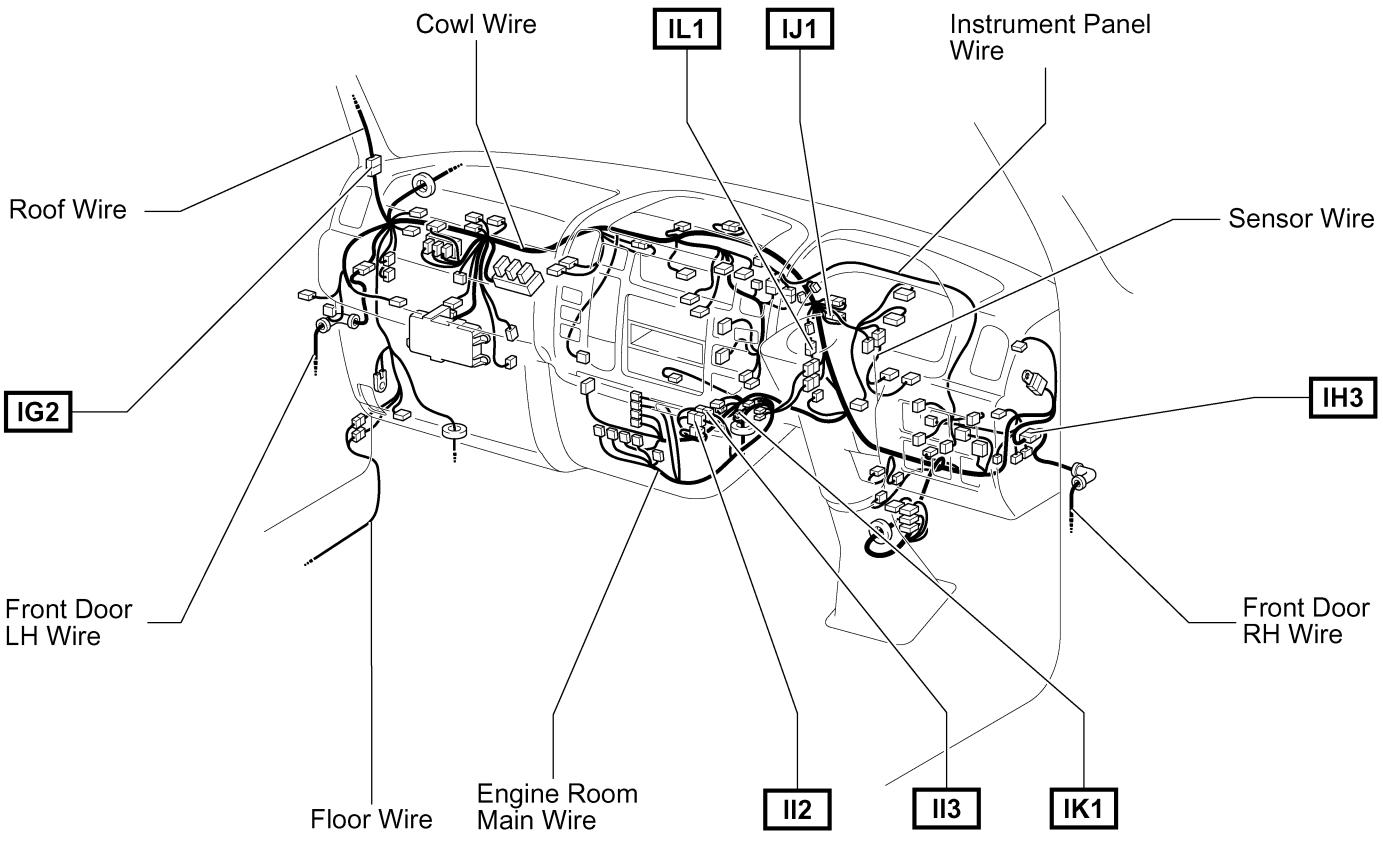


Code	Joining Wire Harness and Wire Harness (Connector Location)
IA2	Front Door LH Wire and Cowl Wire (Cowl Side Panel LH)
IB2	Floor Wire and Cowl Wire (Cowl Side Panel LH)
IB3	
IC1	Cowl Wire and Sensor Wire (Behind the Combination Meter)
IE2	Instrument Panel Wire and Cowl Wire (Instrument Panel Brace RH)
IE3	
IE4	
IF1	Engine Room Main Wire and Cowl Wire (Left Side of the Clutch Pedal)
IF2	

ELECTRICAL WIRING ROUTING

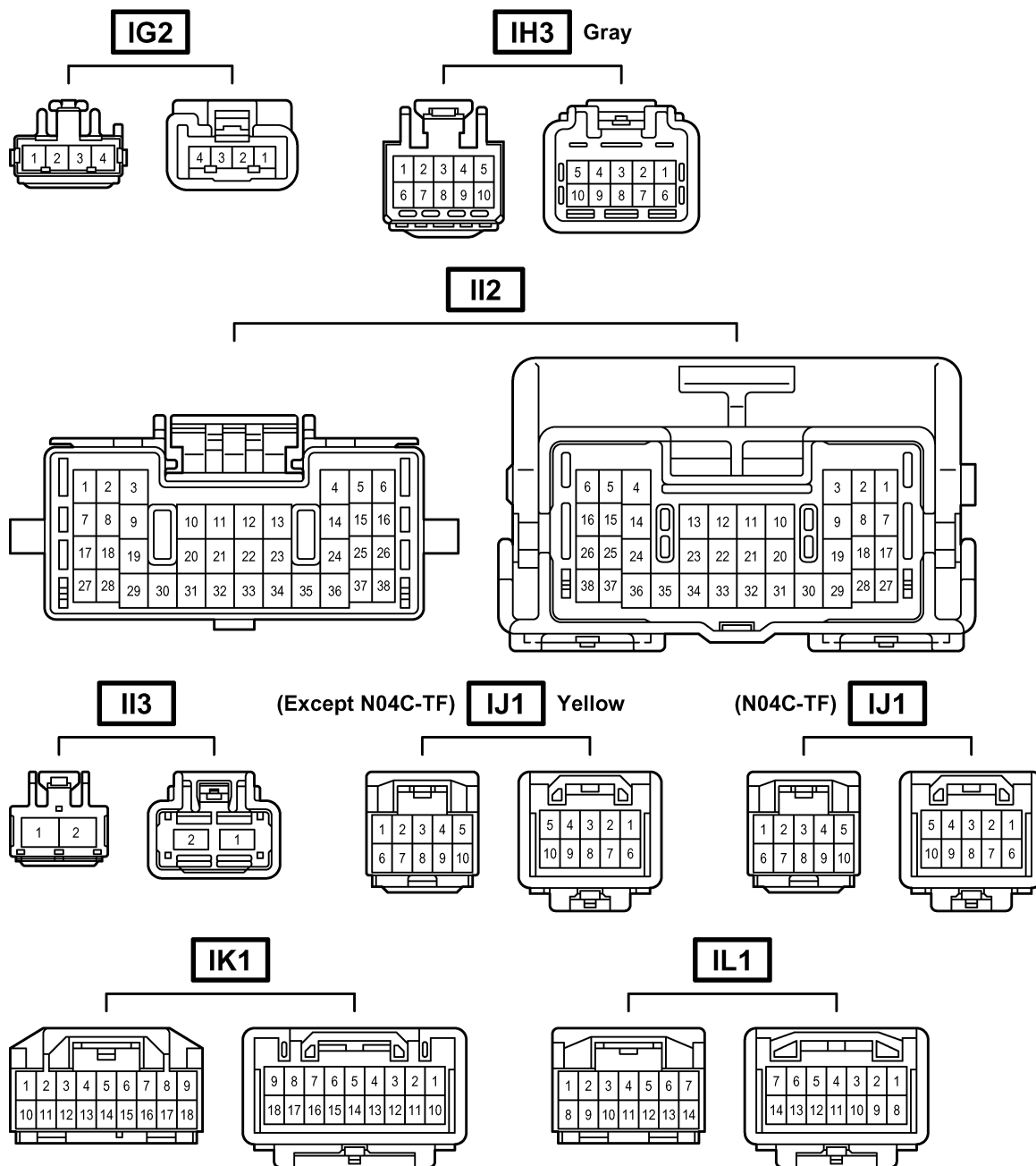
□ : Location of Connector Joining Wire Harness and Wire Harness

[RHD]



ELECTRICAL WIRING ROUTING

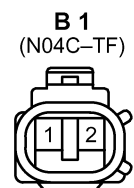
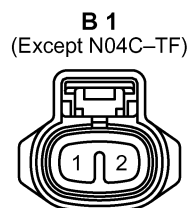
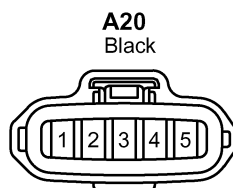
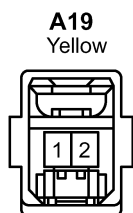
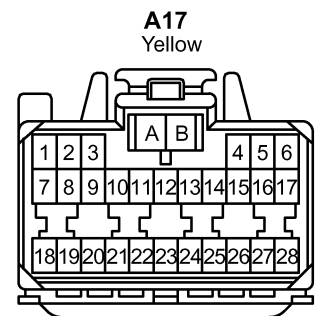
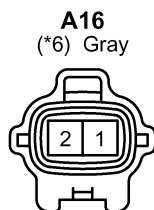
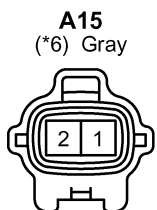
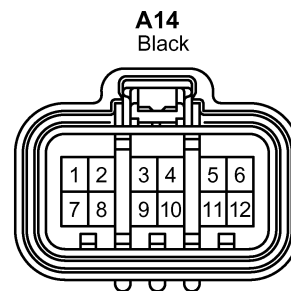
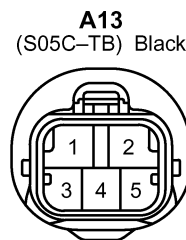
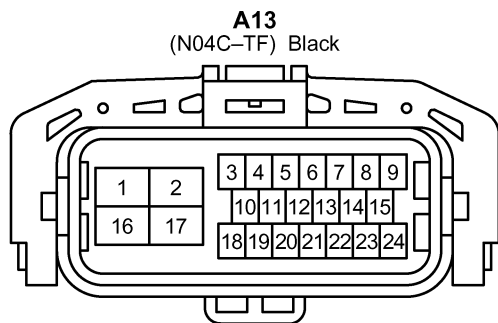
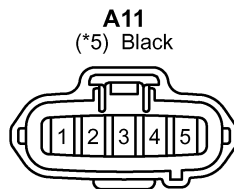
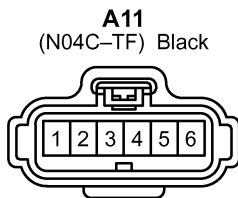
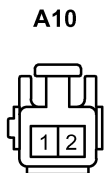
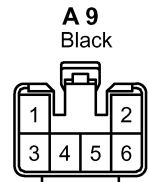
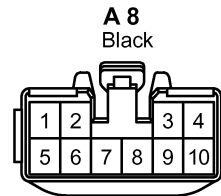
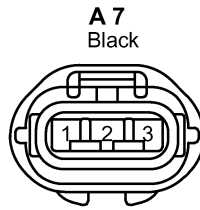
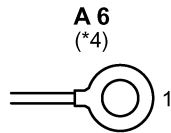
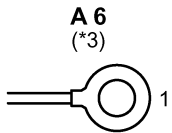
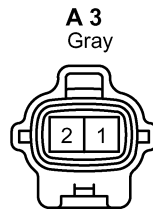
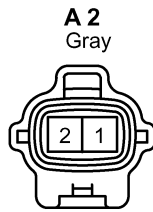
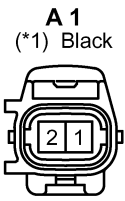
Connector Joining Wire Harness and Wire Harness



Code	Joining Wire Harness and Wire Harness (Connector Location)
IG2	Roof Wire and Cowl Wire (Cowl Side Panel LH)
IH3	Front Door RH Wire and Cowl Wire (Cowl Side Panel RH)
II2	Engine Room Main Wire and Cowl Wire (Instrument Panel Brace RH)
II3	Engine Room Main Wire and Cowl Wire (Instrument Panel Brace RH)
IJ1	Cowl Wire and Cowl Wire (Left Side of the Combination Meter)
IK1	Engine Room Main Wire and Engine Room Main Wire (Instrument Panel Brace RH)
IL1	Cowl Wire and Cowl Wire (Left Side of the Clutch Pedal)

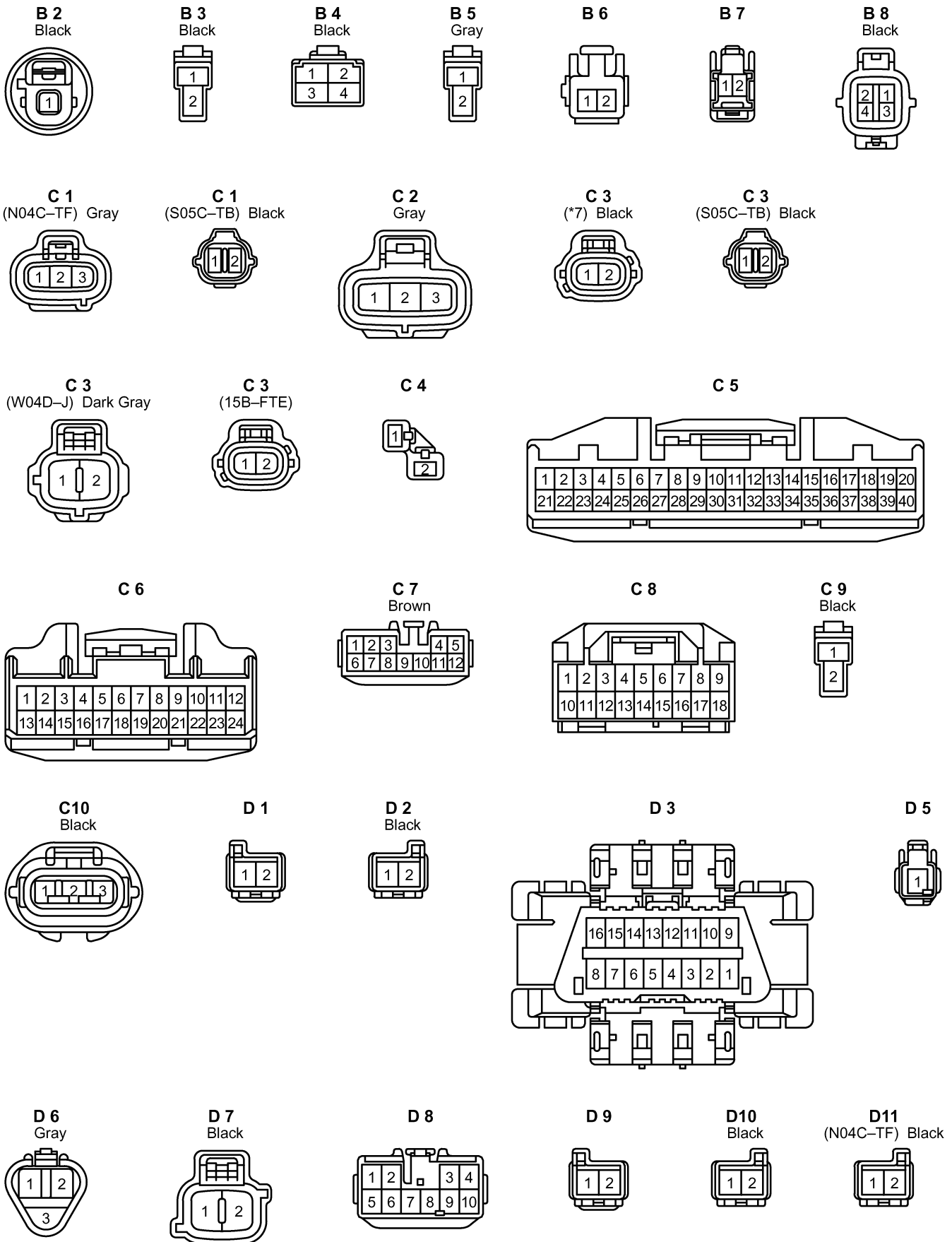
CONNECTOR LIST

*1 : S05C-B, S05C-TA, W04D-J *3 : Except W04D-J, N04C-TF *5 : 15B-FTE, S05C-TB
 *2 : 15B-FTE, S05C-TB, N04C-TF *4 : W04D-J, N04C-TF *6 : Except GVWR 5.5t



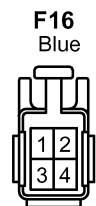
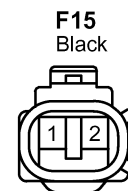
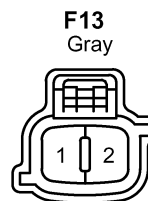
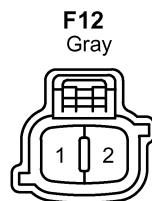
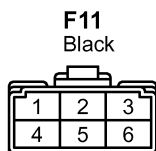
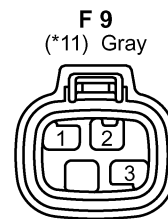
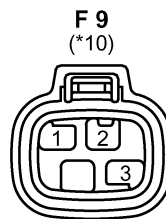
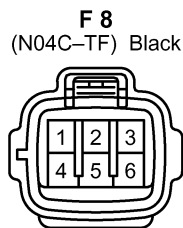
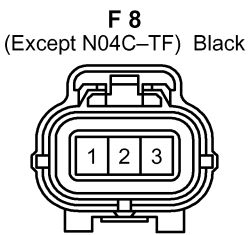
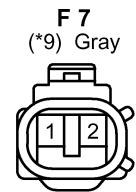
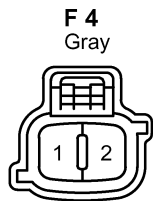
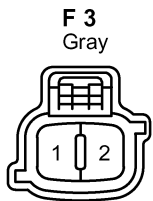
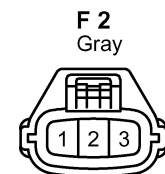
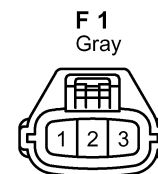
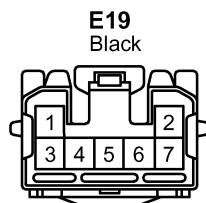
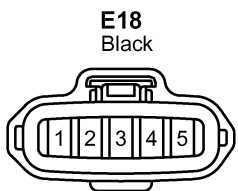
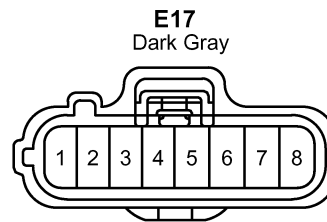
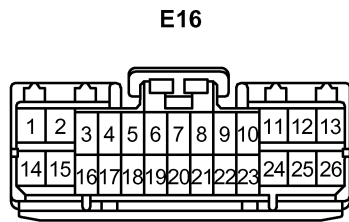
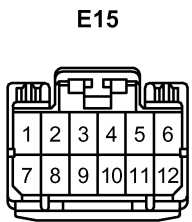
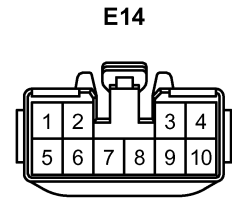
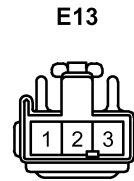
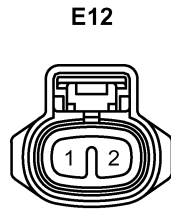
CONNECTOR LIST

*7 : S05C-B, S05C-TA, N04C-TF

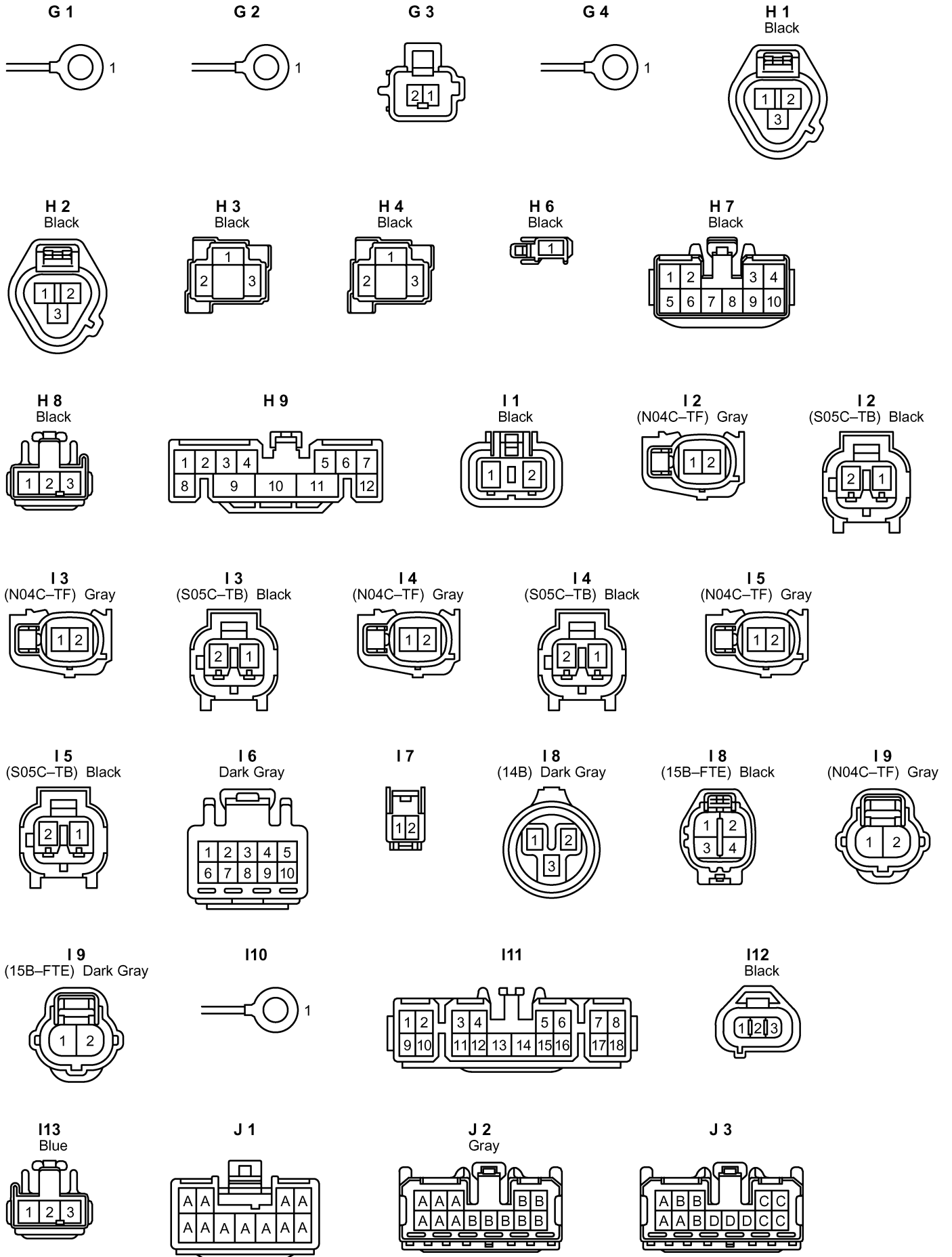


CONNECTOR LIST

*8 : S05C-B, S05C-TA, S05C-TB, W04D-J
 *9 : 14B, 15B-FTE, N04C-TF
 *10 : Except Standard Roof, N04C-TF
 *11 : Standard Roof, N04C-TF
 *12 : 15B-FTE, N04C-TF



CONNECTOR LIST

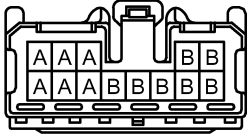


CONNECTOR LIST

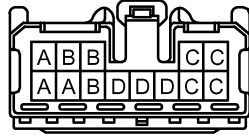
*13 : RHD Except N04C-TF

*14 : LHD Except Taiwan

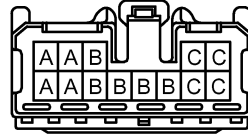
J 4
Gray



J 5
Blue



J 6



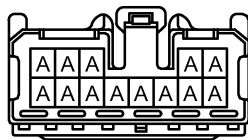
J 7
Blue



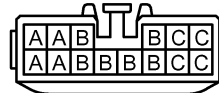
J 8
(LHD, N04C-TF) Blue



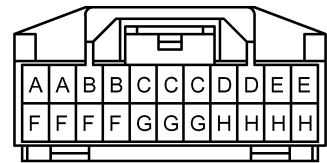
J 8
(*13) Orange



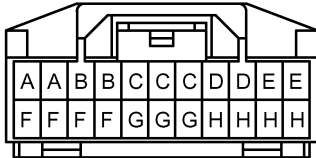
J 9



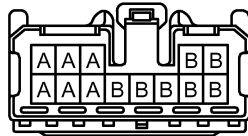
J10
Blue



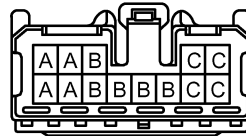
J11
Blue



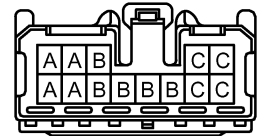
J12
(*14) Gray



J12
(RHD) Blue



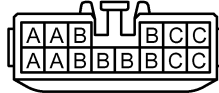
J12
(Taiwan) Gray



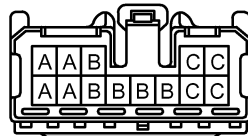
J13
Blue



J14



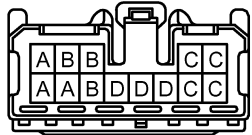
J15



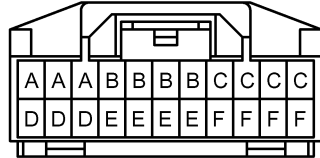
J16
Blue



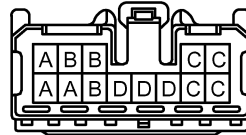
J17
Blue



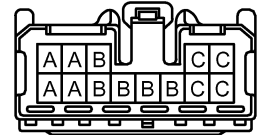
J18
Black



J19



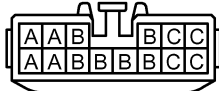
J20



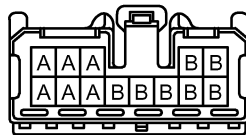
J21
Black



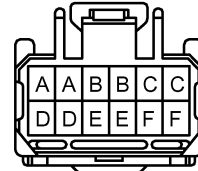
J22



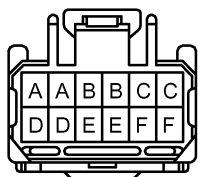
J23
Gray



J24



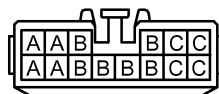
J25



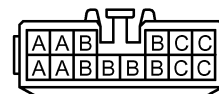
J27



J28

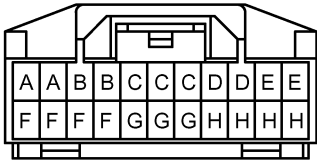


J29

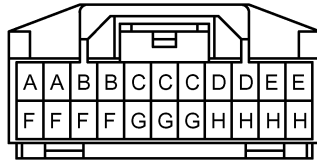


CONNECTOR LIST

J30
Blue



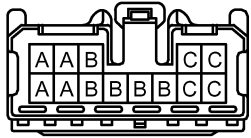
J31
Blue



J32
Blue



J33



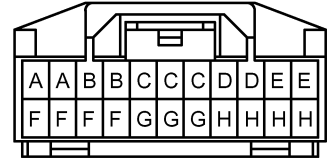
J34
Blue



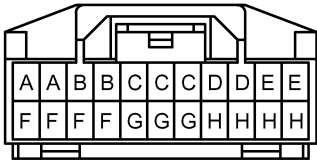
J35
Gray



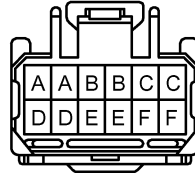
J36
Blue



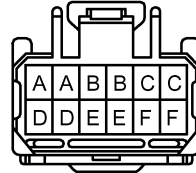
J37
Blue



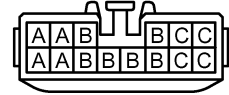
J38



J39



J40



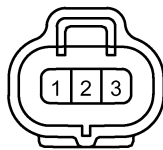
L 1



L 2



M 1
Black



N 1
Gray



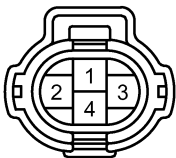
O 1
(Except 14B) Black



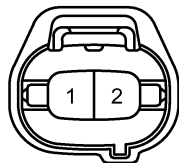
O 1
(14B)



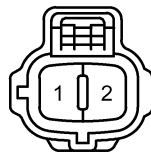
P 1
(Except N04C-TF) Dark Gray



P 1
(N04C-TF) Gray



P 2
Black



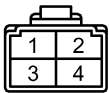
P 3
(Except N04C-TF) Gray



P 3
(N04C-TF) Gray



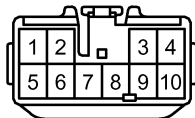
P 4
Black



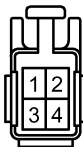
P 5
Blue



P 6
Black



P 7



P 8
Dark Gray



P 9
Black



P10
Black



P11
Gray



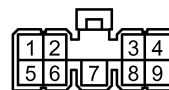
P12
Gray



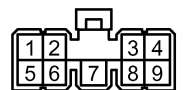
P13
Black



P14



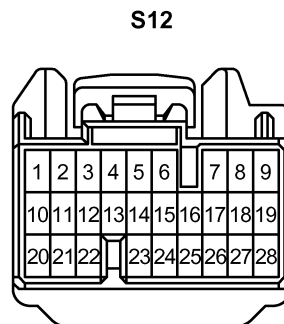
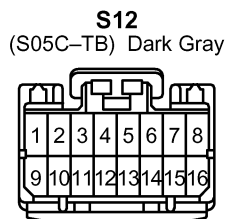
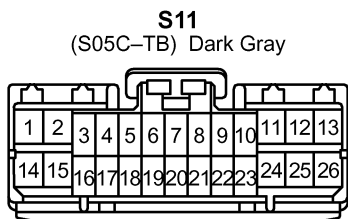
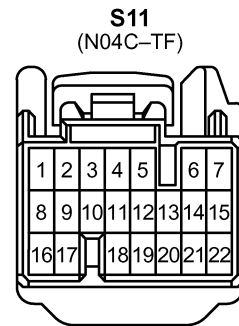
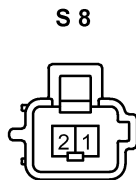
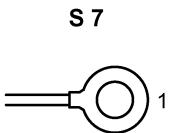
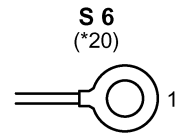
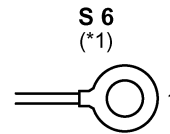
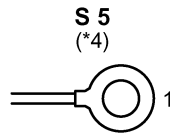
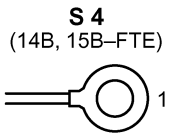
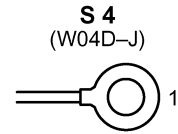
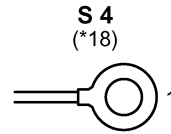
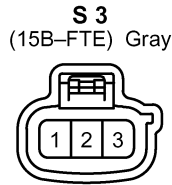
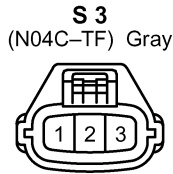
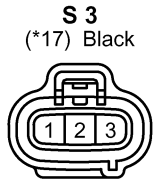
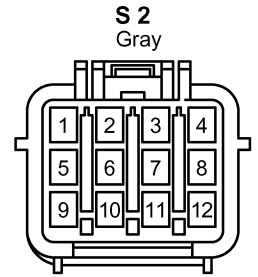
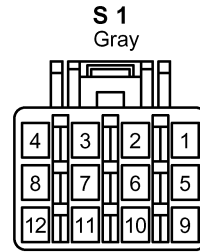
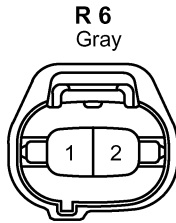
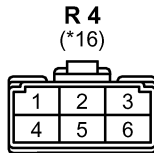
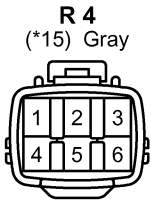
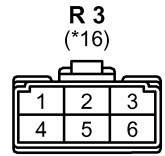
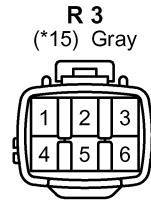
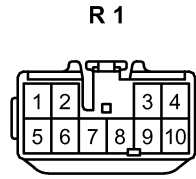
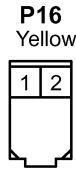
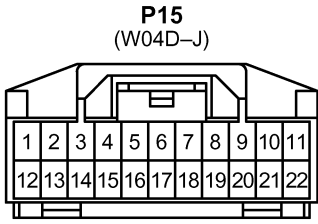
P15
(S05C-B)



CONNECTOR LIST

*1 : S05C-B, S05C-TA, W04D-J
 *4 : W04D-J, N04C-TF
 *15 : Completion Vehicle
 *16 : Except Completion Vehicle

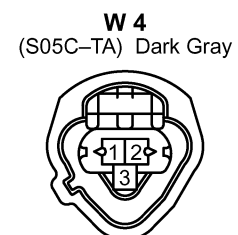
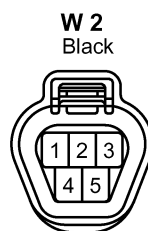
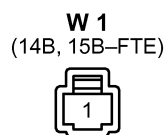
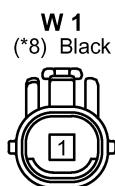
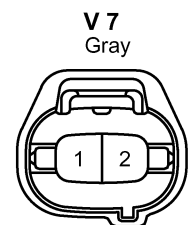
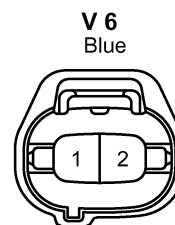
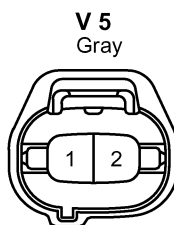
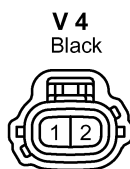
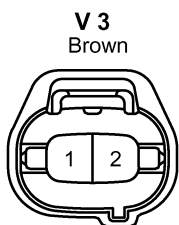
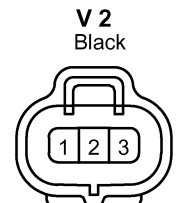
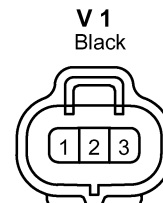
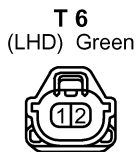
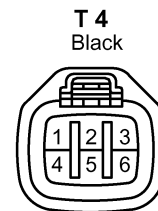
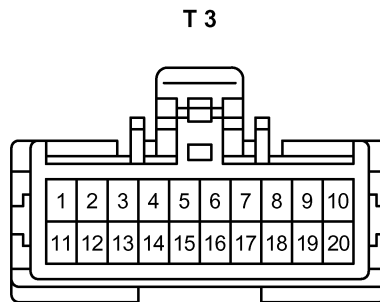
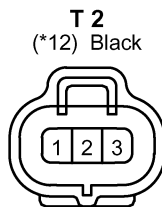
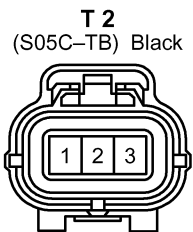
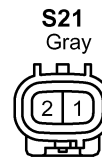
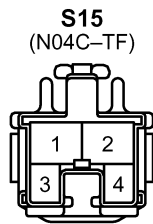
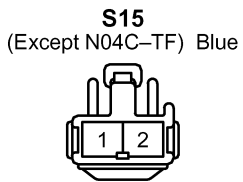
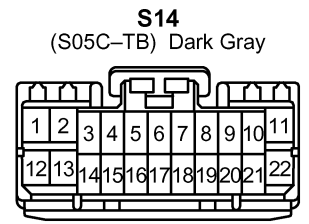
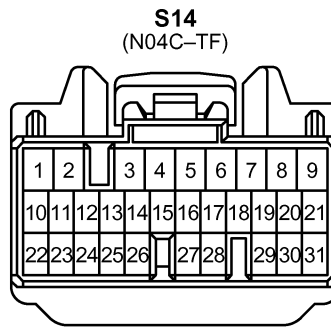
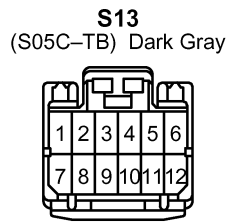
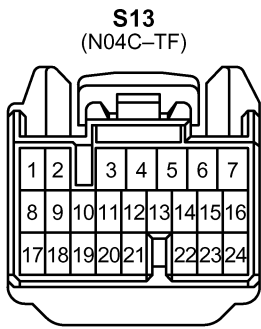
*17 : Except 15B-FTE, N04C-TF
 *18 : S05C-B, S05C-TA, S05C-TB, N04C-TF
 *19 : S05C-TA, S05C-TB
 *20 : S05C-TB, N04C-TF



CONNECTOR LIST

*8 : S05C-B, S05C-TA, S05C-TB, W04D-J

*12 : 15B-FTE, N04C-TF



CONNECTOR LIST

W 4
(14B)



W 4
(15B-FTE) Gray



W 5
Dark Gray



W 6
Black



PART NUMBER OF CONNECTORS

Code	Part Name	Part Number	Code	Part Name	Part Number
A 1	A/C Magnetic Clutch (S05C-B, S05C-TA, W04D-J)	90980-11069	C 6	Combination Meter	90980-12200
	A/C Magnetic Clutch (15B-FTE, S05C-TB, N04C-TF)	90980-11271	C 7	Combination SW	90980-10803
A 2	ABS Speed Sensor Front LH	90980-11073	C 8	Combination SW	90980-11913
A 3	ABS Speed Sensor Front RH		C 9	Condenser Fan Fuse	90980-10214
A 4	Accel Position Sensor	90980-11930	C10	Clutch Pedal Stroke Sensor	90980-11349
A 6	Alternator (Except W04D-J, N04C-TF)	90980-09212	D 1	Diode (A/C No.1)	90980-11608
	Alternator (W04D-J, N04C-TF)	90980-09213	D 2	Diode (Pressure Charge Valve)	90980-10962
A 7	Alternator	90980-11349	D 3	DLC3	90980-11665
A 8	A/C Amplifier	90980-10801	D 5	Door Courtesy SW (Driver's Side)	90980-10871
A 9	A/C SW	90980-11280	D 6	Door Lock Control SW	90980-11245
A10	A/C Thermistor	90980-10825	D 7	Door Lock Motor (Passenger's Side)	90980-11019
A11	Accelerator Pedal Position Sensor (N04C-TF)	90980-11858	D 8	DC/DC Converter	90980-10997
	Accelerator Pedal Position Sensor (15B-FTE, S05C-TB)	90980-11232	D 9	Diode (A/C No.2)	90980-11608
A13	ABS Actuator (N04C-TF)	90980-11893	D10	Diode (ES Start)	90980-10962
	ABS Actuator (S05C-TB)	90980-11413	D11	Diode (Parking Brake) (N04C-TF)	90980-10962
A14	ABS Actuator	90980-11698		Diode (Parking Brake) (S05C-TB)	90980-11071
A15	ABS Speed Sensor Rear LH (Except GVWR 5.5t)	90980-11073	D12	Diode (Stop)	90980-11071
	ABS Speed Sensor Rear LH (GVWR 5.5t)	90980-11773	D13	Door Courtesy SW (Passenger's Side)	90980-10871
A16	ABS Speed Sensor Rear RH (Except GVWR 5.5t)	90980-11073	D14	Diode (Parking)	90980-11071
	ABS Speed Sensor Rear RH (GVWR 5.5t)	90980-11773	D15	Diode (Stop 1)	90980-11608
A17	Airbag Sensor Assembly	90980-11872	D16	Diode (Stop 2)	
A18	Airbag Sensor Front	90980-11856	E 1	EFI Water Temp. Sensor	90980-11451
A19	Airbag Squib (Steering Wheel Pad)	90980-11884		Water Temp. Sender	
A20	Air Flow Meter	90980-11317	E 2	Engine Oil Level Warning SW	90980-10532
B 1	Back-Up Light SW (Except N04C-TF)	90980-11250	E 3	Exhaust Brake Solenoid	90980-10923
	Back-Up Light SW (N04C-TF)	90980-11003	E 4	Engine ECU (N04C-TF)	90980-12144
B 2	Brake Vacuum Warning SW	90980-11252		Engine ECU (15B-FTE, S05C-TB)	90980-11421
B 3	Blower Motor	90980-10214	E 5	Engine ECU (N04C-TF)	90980-12145
B 4	Blower Resistor	90980-10171		Engine ECU (15B-FTE, S05C-TB)	90980-11476
B 5	Brake Fluid Level Warning SW	90980-10214	E 6	Engine ECU (N04C-TF)	90980-12146
B 6	Brake Vacuum Warning Buzzer	90980-10825		Engine ECU (15B-FTE, S05C-TB)	90980-11637
B 7	Buckle SW (Driver's Side)	90980-11212	E 7	Engine ECU (N04C-TF)	90980-12142
B 8	Brake Lock Valve	90980-10941		Engine ECU (15B-FTE, S05C-TB)	90980-11638
C 1	Camshaft Position Sensor (N04C-TF)	90980-11143	E 8	Exhaust Brake Accelerator Pedal SW	90980-10825
	Camshaft Position Sensor (S05C-TB)	90980-10598	E 9	Exhaust Brake Clutch SW	90980-10935
C 2	Condenser Fan Motor and Resistor	90980-10841	E10	EDU (N04C-TF)	90980-11592
C 3	Crankshaft Position Sensor (S05C-B, S05C-TA, N04C-TF)	90980-11162		EDU (15B-FTE)	90980-11024
	Crankshaft Position Sensor (S05C-TB)	90980-10598	E11	EFI Water Temp. Sensor	90980-11062
	Crankshaft Position Sensor (W04D-J)	90980-10923	E12	Engine Speed Sensor	90980-11250
	Crankshaft Position Sensor (15B-FTE)	90980-11162	E13	ES Start Main SW	90980-10908
C 4	Cigarette Lighter	90980-10760	E14	ES Start Timing SW	90980-10801
C 5	Combination Meter	90980-12169	E15	ES Start ECU	90980-11424
			E16	ES Start ECU	90980-11390
			E17	EDU	90980-11593
			E18	EGR Valve Position Sensor	90980-11317
			E19	ES Start Main SW	90980-11529

Note: Not all of the above part numbers of the connector are established for the supply.

PART NUMBER OF CONNECTORS

Code	Part Name	Part Number	Code	Part Name	Part Number
E20	ES Starting System Warning Buzzer	90980-10214	I 9	Intake Air Temp. Sensor (N04C-TF)	90980-11025
F 1	Front Clearance Light LH	90980-11020		Intake Air Temp. Sensor (15B-FTE)	90980-11401
F 2	Front Clearance Light RH		90980-11019	I10	Intake Heater
F 3	Front Fog Light LH	I11		Integration Relay	90980-10819
F 4	Front Fog Light RH	I12		ISC Valve	90980-10695
F 5	Front Turn Signal Light LH	I13		Idle Variable Resistor SW	90980-10908
F 6	Front Turn Signal Light RH	90980-11003	J 1	Junction Connector	90980-10830
F 7	Fuel Filter Warning SW (S05C-B, S05C-TA, S05C-TB, W04D-J)	90980-10737	J 2	Junction Connector	90980-11542
	Fuel Filter Warning SW (14B, 15B-FTE, N04C-TF)	90980-11003	J 3	Junction Connector	
F 8	Fuel Pressure Sensor (Except N04C-TF)	82580-6630A	J 4	Junction Connector	
	Fuel Pressure Sensor (N04C-TF)	90980-11194	J 5	Junction Connector	
F 9	Fuel Sender	90980-10834	J 6	Junction Connector	
F10	Fuel Temp. Sensor (S05C-TB)	90980-10737	J 7	Junction Connector	90980-10803
	Fuel Temp. Sensor (15B-FTE, N04C-TF)	90980-11062	J 8	Junction Connector (LHD, N04C-TF)	90980-10803
F11	Flasher Relay	90980-10173		Junction Connector (RHD Except N04C-TF)	90980-11542
F12	Front Side Turn Signal Light LH	90980-11019	J 9	Junction Connector	90980-10807
F13	Front Side Turn Signal Light RH		J10	Junction Connector	90980-11915
F15	First Gear Position SW	90980-11003	J11	Junction Connector	
F16	Front Fog Light SW	90980-10795	J12	Junction Connector	90980-11542
G 1	GLOW MAIN Relay	99141-13006	J13	Junction Connector	90980-10803
G 2	GLOW MAIN Relay		J14	Junction Connector	90980-10807
G 3	GLOW MAIN Relay	90980-11299	J15	Junction Connector	90980-11542
G 4	Glow Plug	-	J16	Junction Connector	90980-10803
H 1	Headlight Beam Level Control Actuator LH	90980-11016	J17	Junction Connector	90980-11542
	Headlight Beam Level Control Actuator RH		J18	Junction Connector	90980-11915
H 3	Headlight LH	90980-11314	J19	Junction Connector	90980-11542
H 4	Headlight RH		J20	Junction Connector	
H 6	Horn (Low)	90980-10619	J21	Junction Connector	90980-11398
H 7	Hazard SW	90980-10801	J22	Junction Connector	90980-10807
H 8	Headlight Beam Level Control SW	90980-11296	J23	Junction Connector	90980-11542
H 9	Heater Control SW	90980-10714	J24	Junction Connector	90980-11661
I 1	Injection Pump Correction Resistor	-	J25	Junction Connector	
I 2	Injector No.1 (N04C-TF)	90980-11875	J27	Junction Connector	90980-10799
	Injector No.1 (S05C-TB)	82580-7990A	J28	Junction Connector	90980-10807
I 3	Injector No.2 (N04C-TF)	90980-11875	J29	Junction Connector	
	Injector No.2 (S05C-TB)	82580-7990A	J30	Junction Connector	90980-11915
I 4	Injector No.3 (N04C-TF)	90980-11875	J31	Junction Connector	
	Injector No.3 (S05C-TB)	82580-7990A	J32	Junction Connector	90980-10803
I 5	Injector No.4 (N04C-TF)	90980-11875	J33	Junction Connector	90980-11542
	Injector No.4 (S05C-TB)	82580-7990A	J34	Junction Connector	90980-10803
I 6	Ignition SW	90980-11537	J35	Junction Connector	
I 7	Interior Light	90980-11918	J36	Junction Connector	90980-11915
I 8	Injection Pump (14B)	90980-10690	J37	Junction Connector	
	Injection Pump (15B-FTE)	90980-11028			

Note: Not all of the above part numbers of the connector are established for the supply.

PART NUMBER OF CONNECTORS

Code	Part Name	Part Number	Code	Part Name	Part Number
J38	Junction Connector	90980-11661	S 4	Starter (S05C-B, S05C-TA, S05C-TB, N04C-TF)	-
J39	Junction Connector			Starter (W04D-J)	90980-09507
J40	Junction Connector	90980-10807		Starter (14B, 15B-FTE)	90980-09508
L 1	License Plate Light LH	90980-10498	S 5	Starter (S05C-TA, S05C-TB)	90980-11184
L 2	License Plate Light RH			Starter (W04D-J, N04C-TF)	99141-13006
M 1	Master Cylinder Pressure Sensor	90980-10845		Starter (14B, 15B-FTE)	90980-11184
N 1	Neutral Position SW	90980-11075	S 6	STARTER Relay (S05C-B, S05C-TA, W04D-J)	99141-14006
O 1	Oil Pressure SW (Except 14B)	90980-11363		STARTER Relay (S05C-TB, N04C-TF)	99141-13006
P 1	Oil Pressure SW (14B)	90980-10359	S 7	STARTER Relay	99141-13006
	Pressure SW (Except N04C-TF)	90980-10943	S 8	STARTER Relay	90980-11299
P 2	Pressure SW (N04C-TF)	90980-11149	S 9	Suction Control Valve No.1	90980-10720
	PTO Solenoid Valve	90980-10923	S10	Suction Control Valve No.2	
P 3	PTO Transmission Neutral Position SW (Except N04C-TF)	90980-10887	S11	Skid Control ECU (N04C-TF)	90980-11638
	PTO Transmission Neutral Position SW (N04C-TF)	90980-11250		Skid Control ECU (S05C-TB)	90980-11390
P 4	Power Outlet (Room)	90980-10171	S12	Skid Control ECU (S05C-TB)	90980-11391
P 5	PTO Clutch SW	90980-10860		Skid Control ECU	90980-11637
P 6	PTO SW or Short Pin	90980-10997	S13	Skid Control ECU (N04C-TF)	90980-11476
P 7	Parking Brake SW	90980-10795		Skid Control ECU (S05C-TB)	90980-11408
P 8	Power Outlet	90980-11178	S14	Skid Control ECU (N04C-TF)	90980-11421
P 9	Power Window Control SW (Passenger's Side)	90980-10631		Skid Control ECU (S05C-TB)	90980-11392
P10	Power Window Master SW	90980-10799	S15	Stop Light SW (Except N04C-TF)	90980-10916
P11	Power Window Motor (Driver's Side)	90980-11003		Stop Light SW (N04C-TF)	90980-11118
P12	Power Window Motor (Passenger's Side)		S16	Speaker LH	90980-10935
P13	Power Steering Oil Pressure SW	90980-11428	S17	Speaker RH	
P14	Power Steering Oil Pressure SW	90980-10045	S21	Spill Valve	90980-11155
	Parking Light SW or Short Pin		T 1	Tilt Cab Control SW	90980-11075
P15	Pre-Heating Timer (S05C-B)	90980-11915	T 2	Turbo Pressure Sensor (S05C-TB)	82580-6630A
	Pre-Heating Timer (W04D-J)			Turbo Pressure Sensor (15B-FTE, N04C-TF)	90980-10845
P16	Pretensioner (Driver's Side)	90980-11862	T 3	Tachograph	82580-7000A
R 1	Radio and Player	90980-10997	T 4	Throttle Control Motor	90980-11144
R 3	Rear Combination Light LH (Completion Vehicle)	90980-11290	T 5	Throttle Open SW	90980-11038
	Rear Combination Light LH (Except Completion Vehicle)	90980-10173	T 6	Timing Control Valve (LHD)	90980-11153
R 4	Rear Combination Light RH (Completion Vehicle)	90980-11290		Timing Control Valve (RHD)	90980-10846
	Rear Combination Light RH (Except Completion Vehicle)	90980-10173	T 7	Throttle Position Sensor	90980-11261
R 6	Reverse Warning Buzzer	90980-11156	V 1	Vacuum Sensor No.1	90980-10845
S 1	Short Connector	82580-7980A	V 2	Vacuum Sensor No.2	
S 2	Short Connector	82580-8230A	V 3	VSV (Intake Shutter)	90980-11149
S 3	Speed Sensor (Combination Meter) (Except 15B-FTE, N04C-TF)	90980-11143	V 4	VRV (EGR)	90980-11156
	Speed Sensor (Combination Meter) (N04C-TF)	90980-11020	V 5	VSV (EGR Cut)	
	Speed Sensor (Combination Meter) (15B-FTE)	90980-10981	V 6	VSV (Exhaust Brake)	90980-11149
			V 7	VSV (Pressure Sensor)	90980-11149
			V 8	Voltage Converter	90980-12012

Note: Not all of the above part numbers of the connector are established for the supply.

PART NUMBER OF CONNECTORS

Code	Part Name	Part Number	Code	Part Name	Part Number
W 1	Water Temp. SW (S05C-B, S05C-TA, S05C-TB, W04D-J)	90980-10892	W 4	Water Temp. Sender (S05C-TA)	90980-11451
	Water Temp. SW (14B, 15B-FTE)	90980-08074		Water Temp. Sender (14B)	90980-10359
W 2	Wiper Motor	90980-11599		Water Temp. Sender (15B-FTE)	90980-11428
W 3	Washer Motor	90980-10214	W 5	Water Temp. Sender	90980-11451
				Water Temp. Sensor	
			W 6	Warm Up SW	90980-10799

Note: Not all of the above part numbers of the connector are established for the supply.

OVERALL ELECTRICAL WIRING DIAGRAM

1 DUTRO

Power Source

Starting (15B-FTE, S05C-TB, N04C-TF)

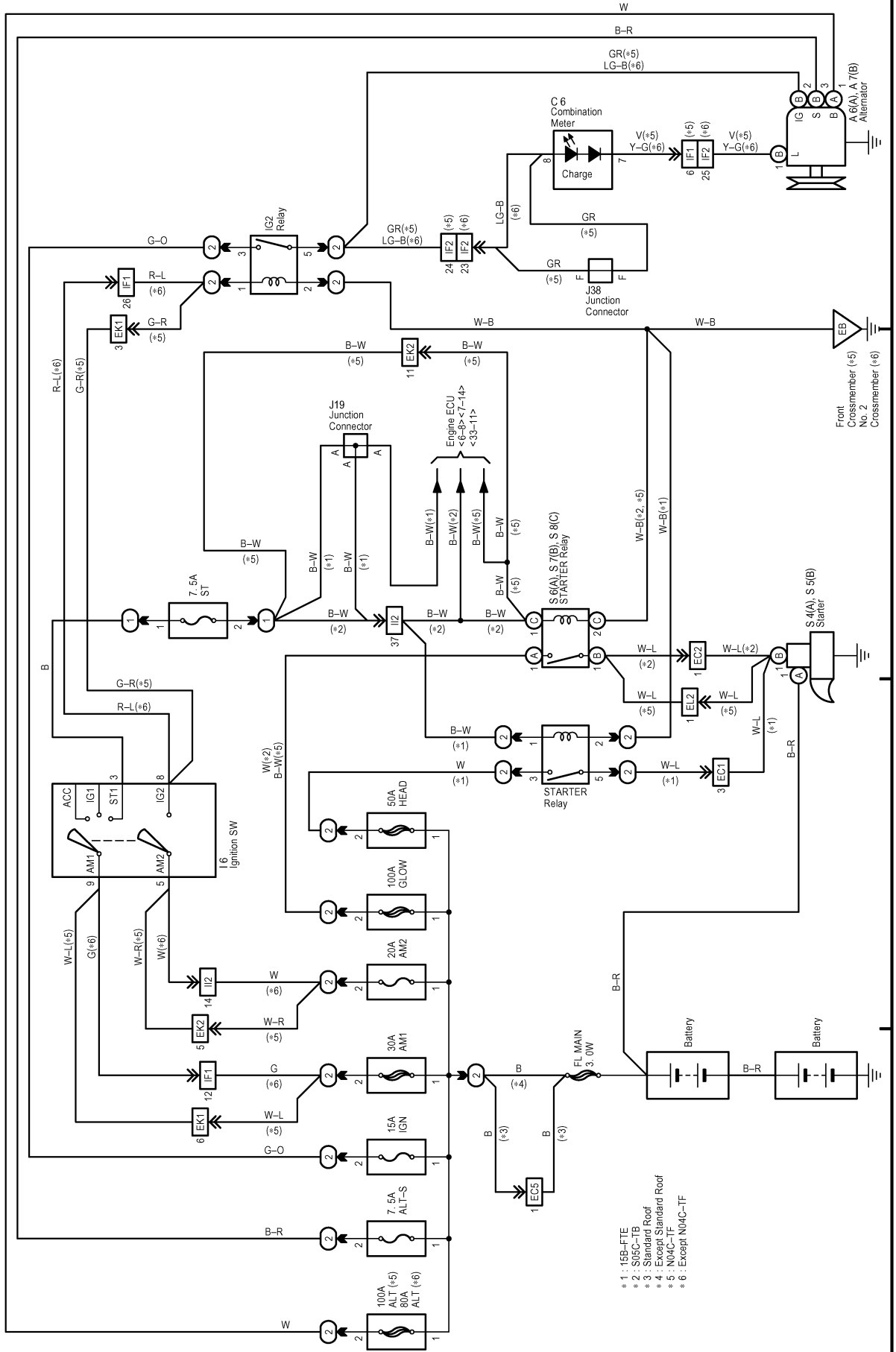
Charging (15B-FTE, S05C-TB, N04C-TF)

4

3

2

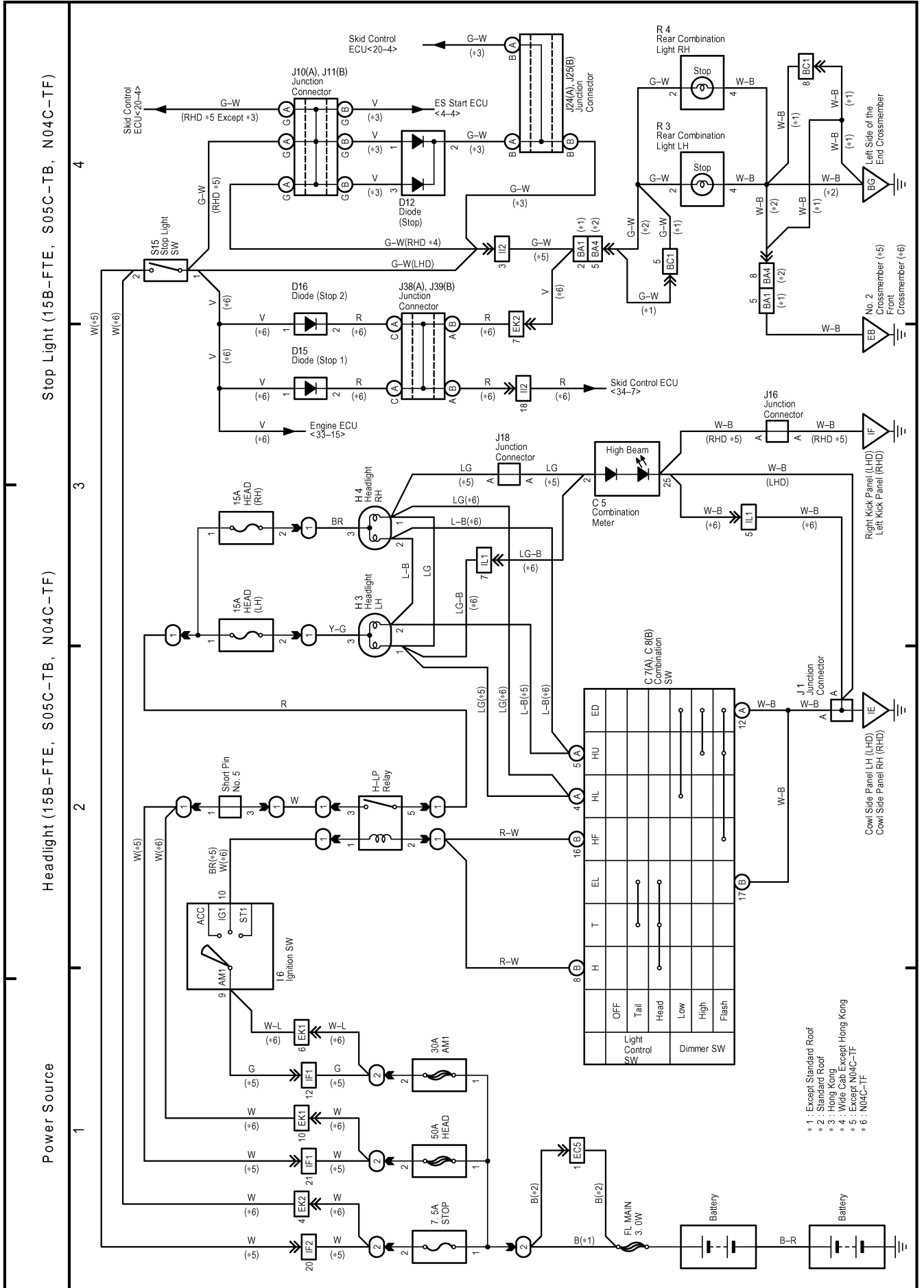
1



- * 1 : 15B-FTE
- * 2 : S05C-TB
- * 3 : Standard Roof
- * 4 : Except Standard Roof
- * 5 : N04C-TF
- * 6 : Except N04C-TF

OVERALL ELECTRICAL WIRING DIAGRAM

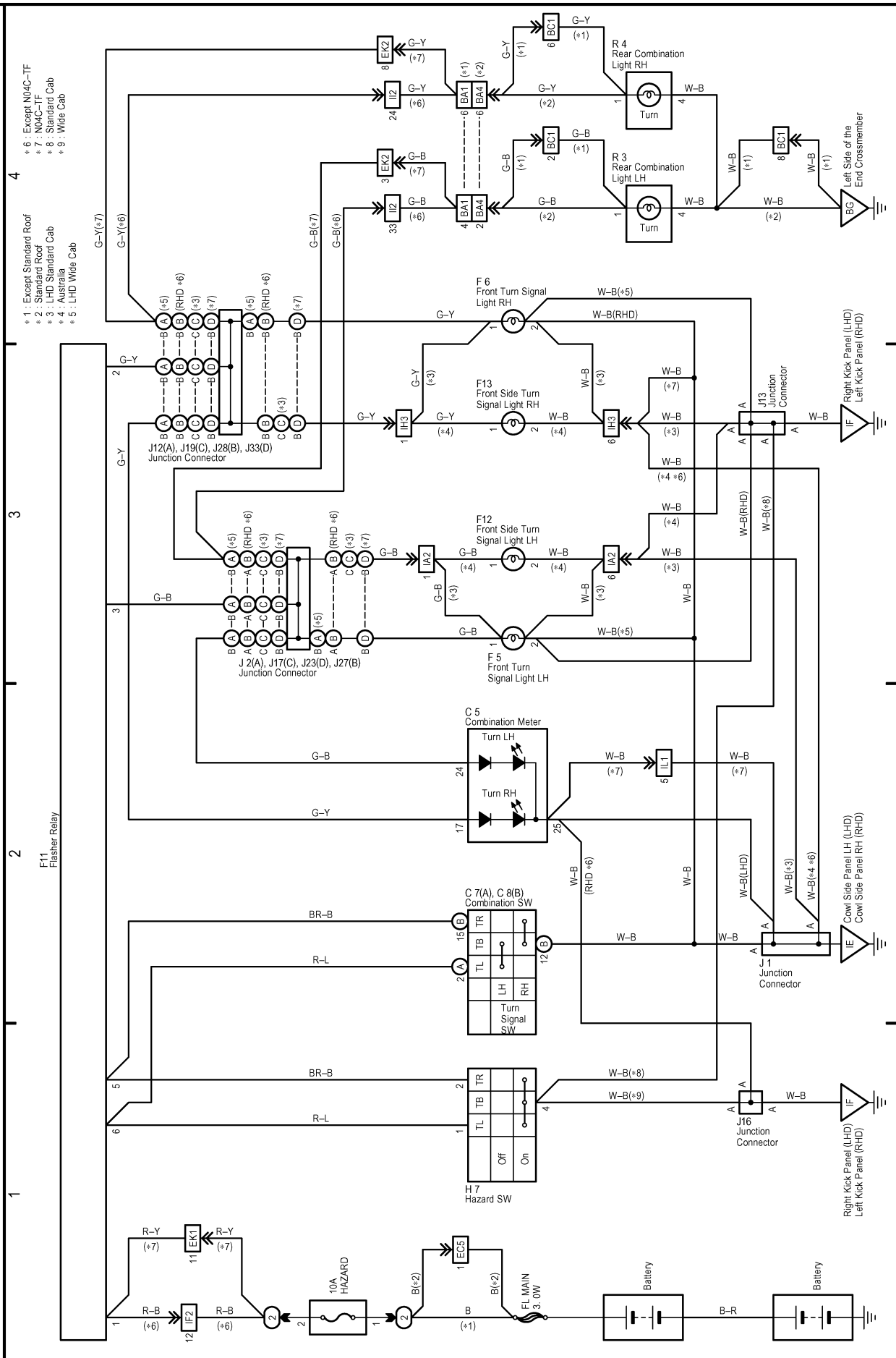
8 DUTRO



OVERALL ELECTRICAL WIRING DIAGRAM

10 DUTRO

Turn Signal and Hazard Warning Light (15B-FTE, S05C-TB, N04C-TF)



- * 1 : Except Standard Roof
- * 2 : Standard Roof
- * 3 : LHD Standard Cab
- * 4 : Australia
- * 5 : LHD Wide Cab
- * 6 : Except N04C-TF
- * 7 : N04C-TF
- * 8 : Standard Cab
- * 9 : Wide Cab

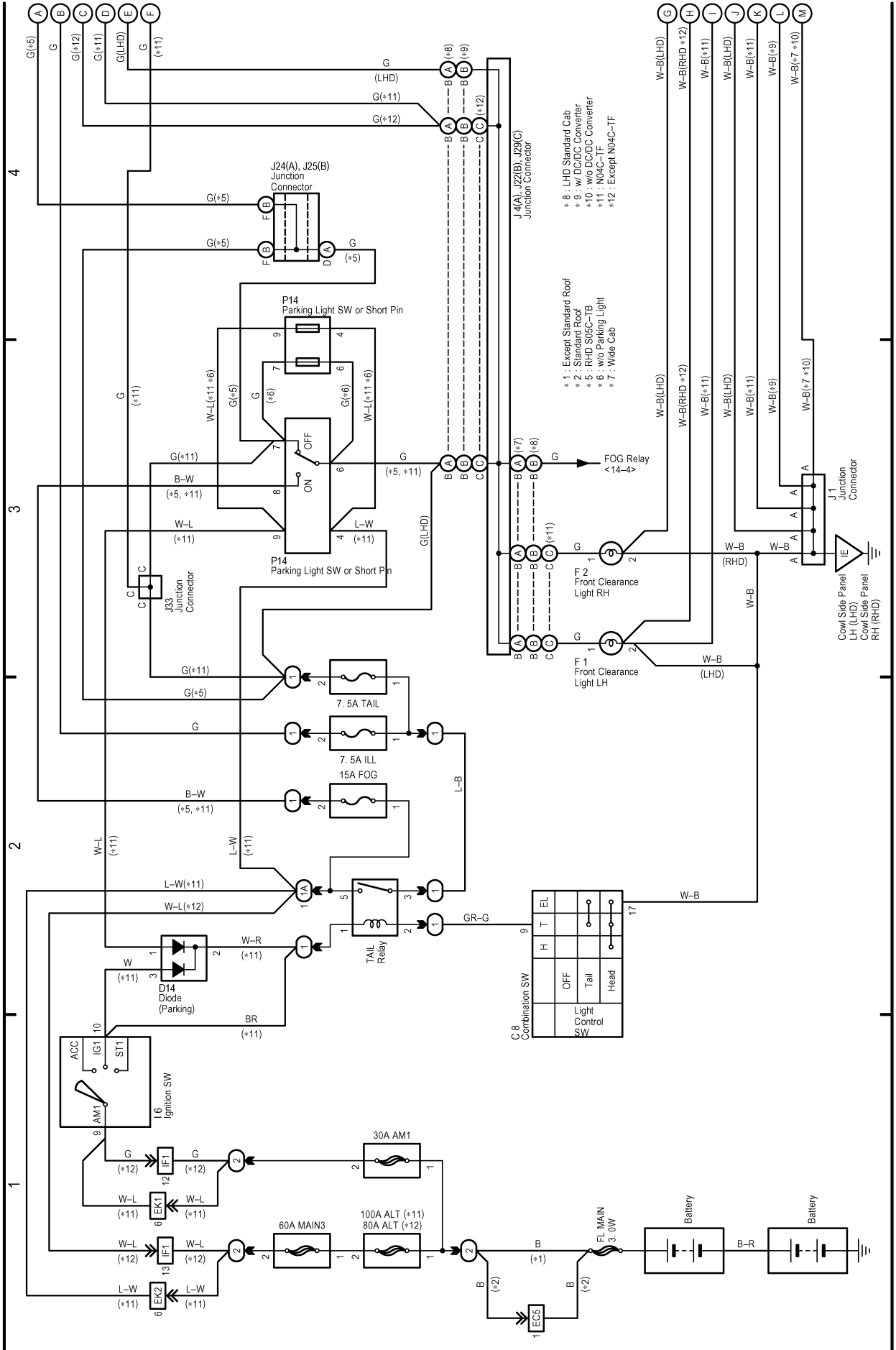
OVERALL ELECTRICAL WIRING DIAGRAM

12 DUTRO

(Cont. next page)

Taillight and Illumination (15B-FTE, S05C-TB, N04C-TF)

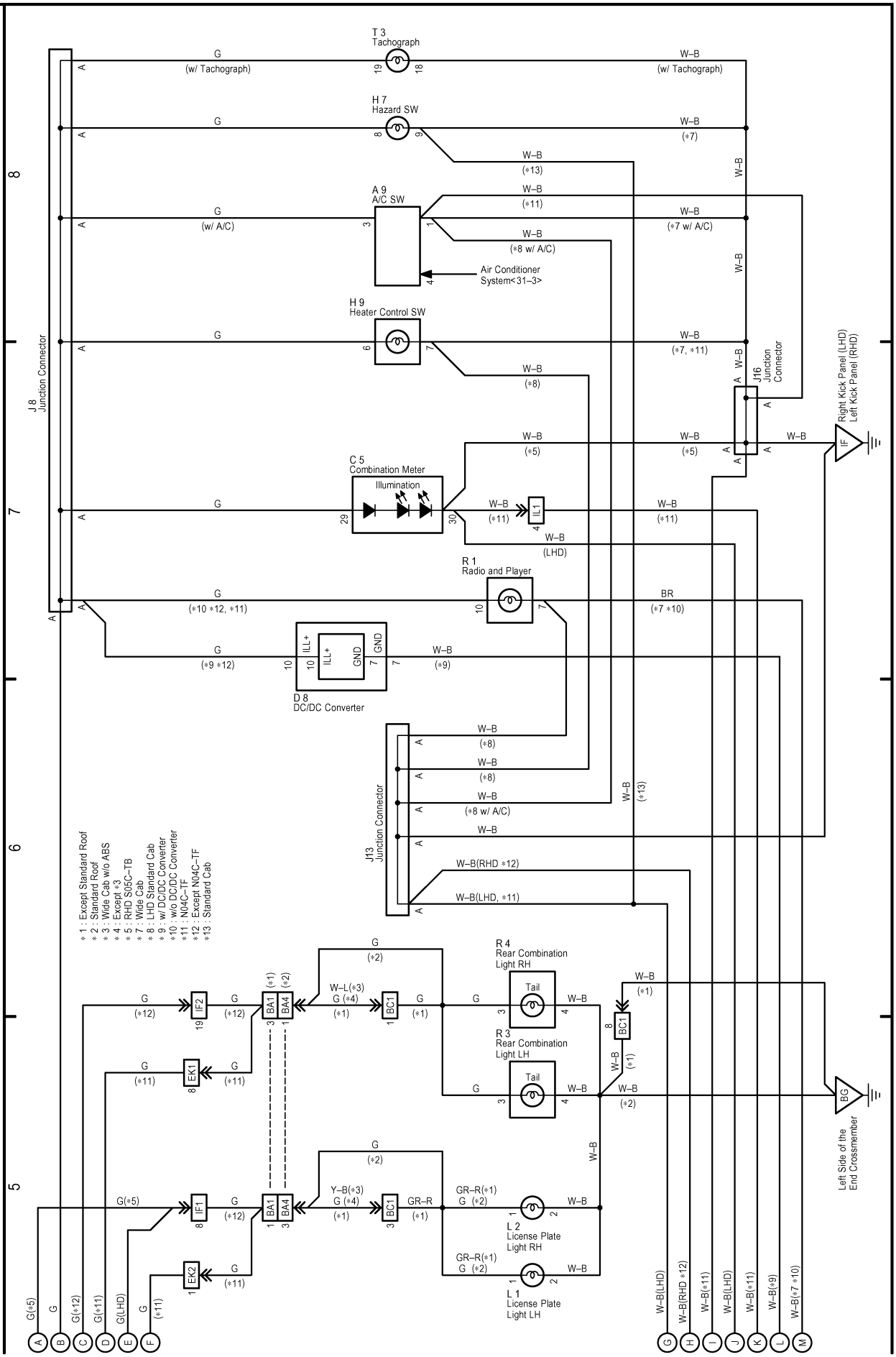
Power Source



OVERALL ELECTRICAL WIRING DIAGRAM

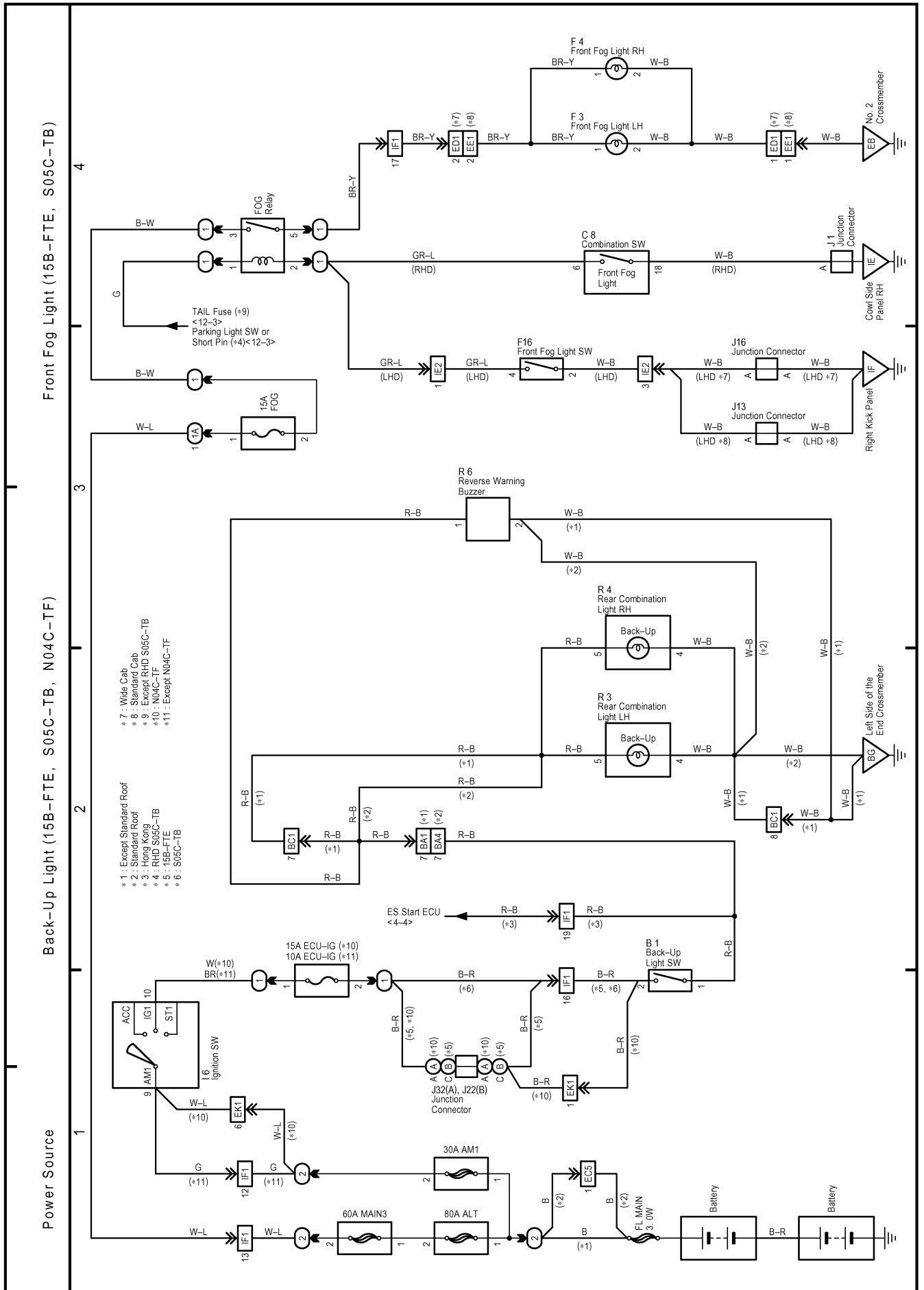
12 DUTRO (Cont' d)

Taillight and Illumination (15B-FTE, S05C-TB, N04C-TF)



OVERALL ELECTRICAL WIRING DIAGRAM

14 DUTRO

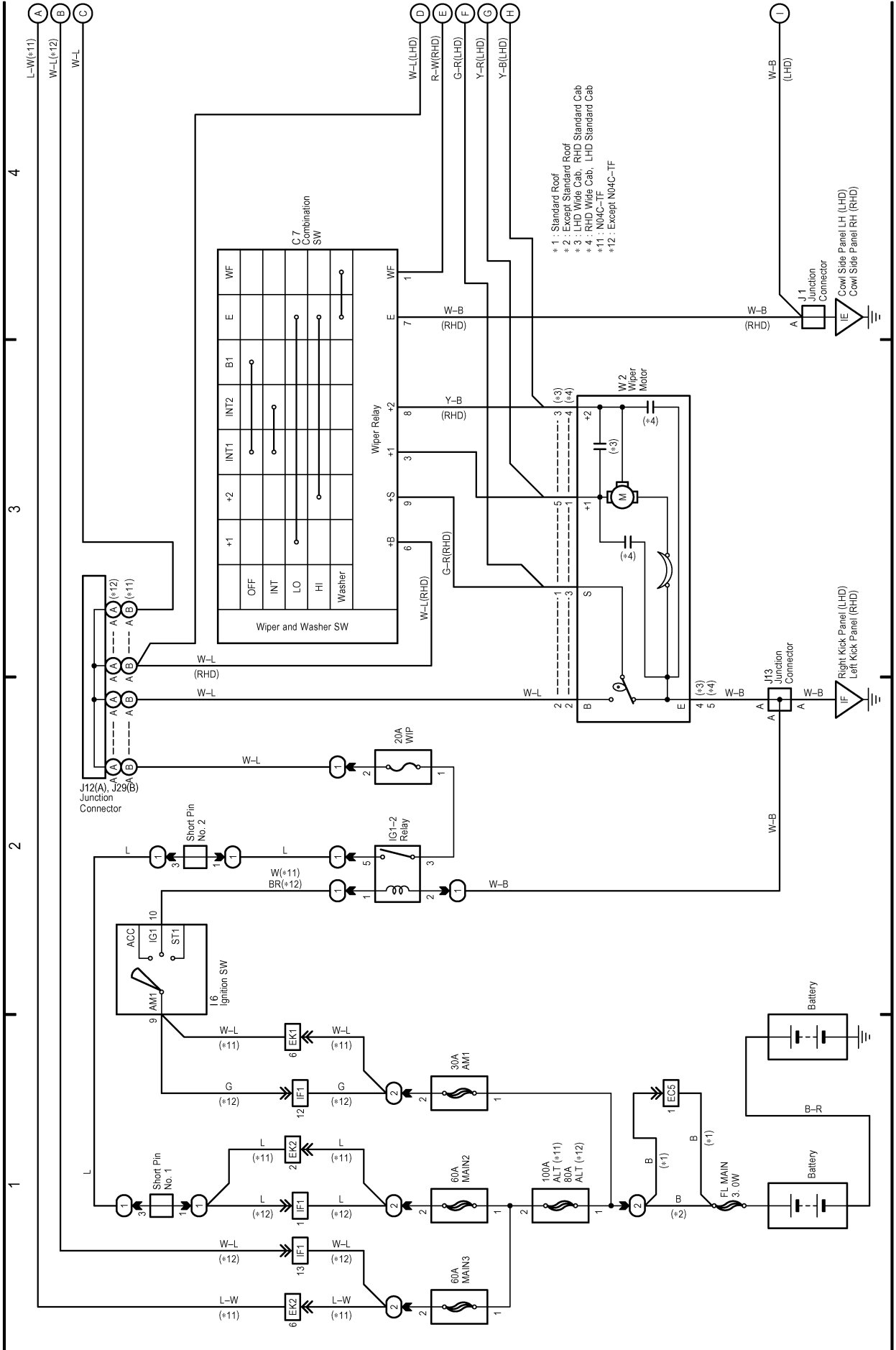


OVERALL ELECTRICAL WIRING DIAGRAM

17 DUTRO

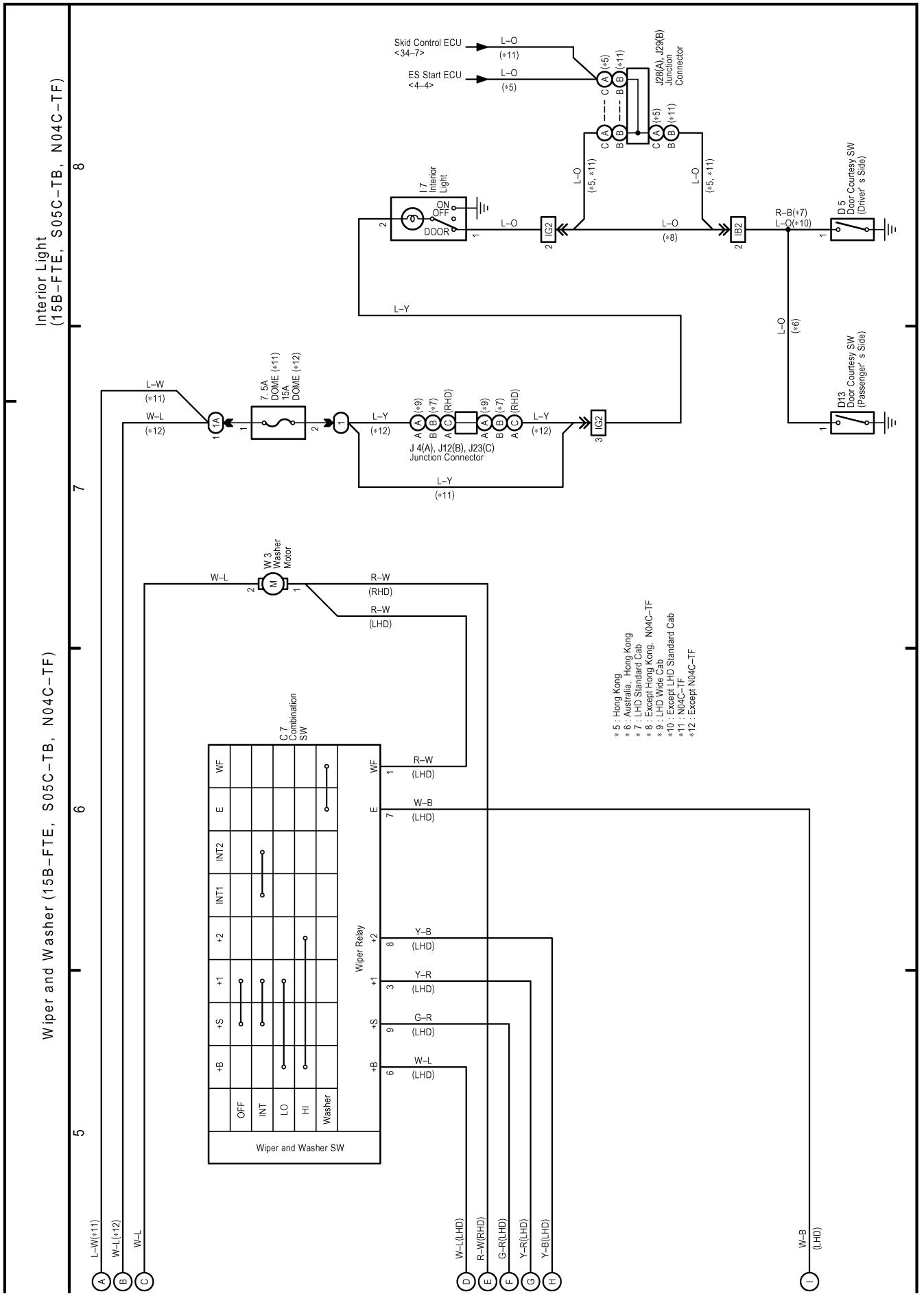
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Wiper and Washer (15B-FTE, S05C-TB, N04C-TF)



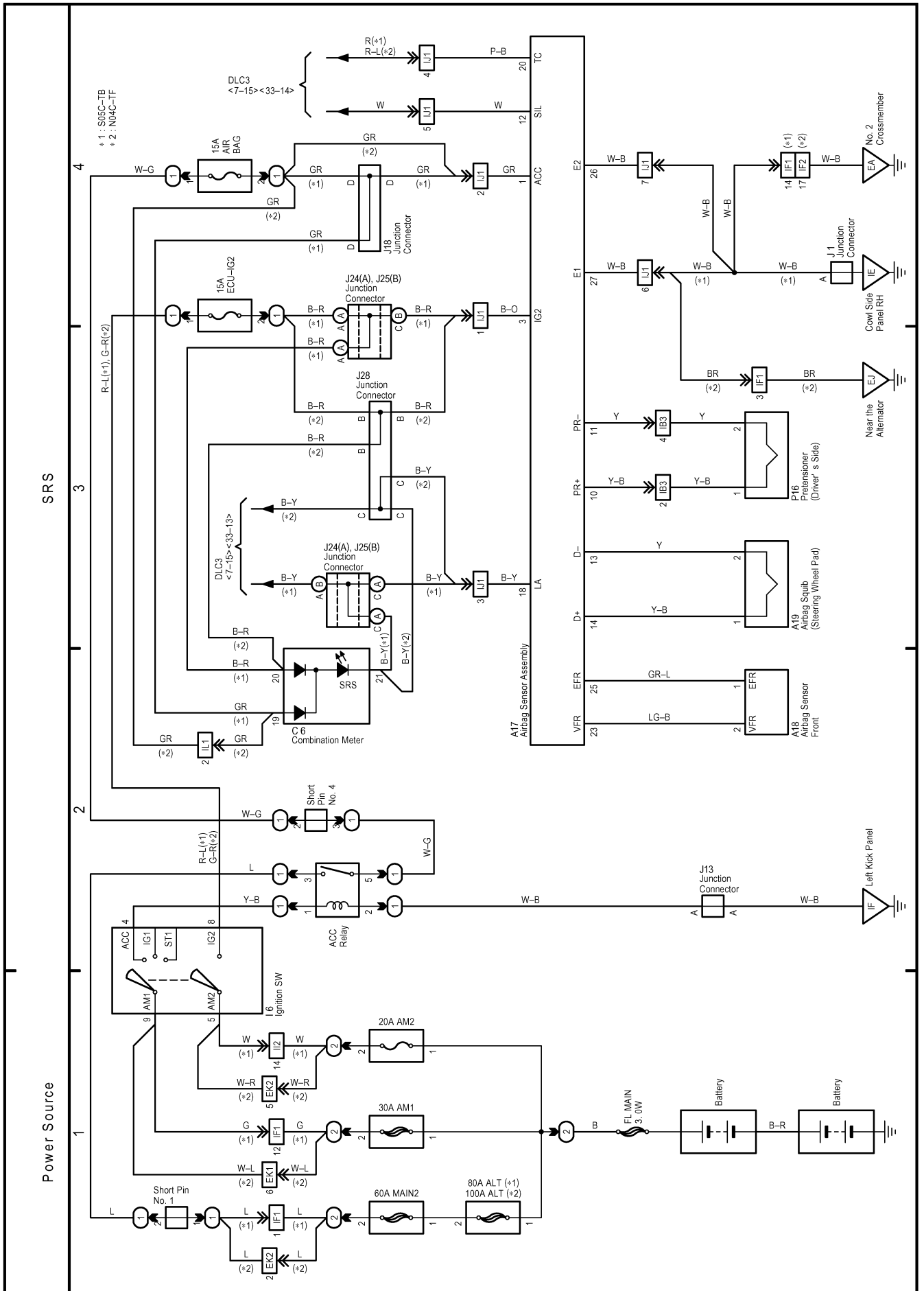
OVERALL ELECTRICAL WIRING DIAGRAM

17 DUTRO (Cont' d)



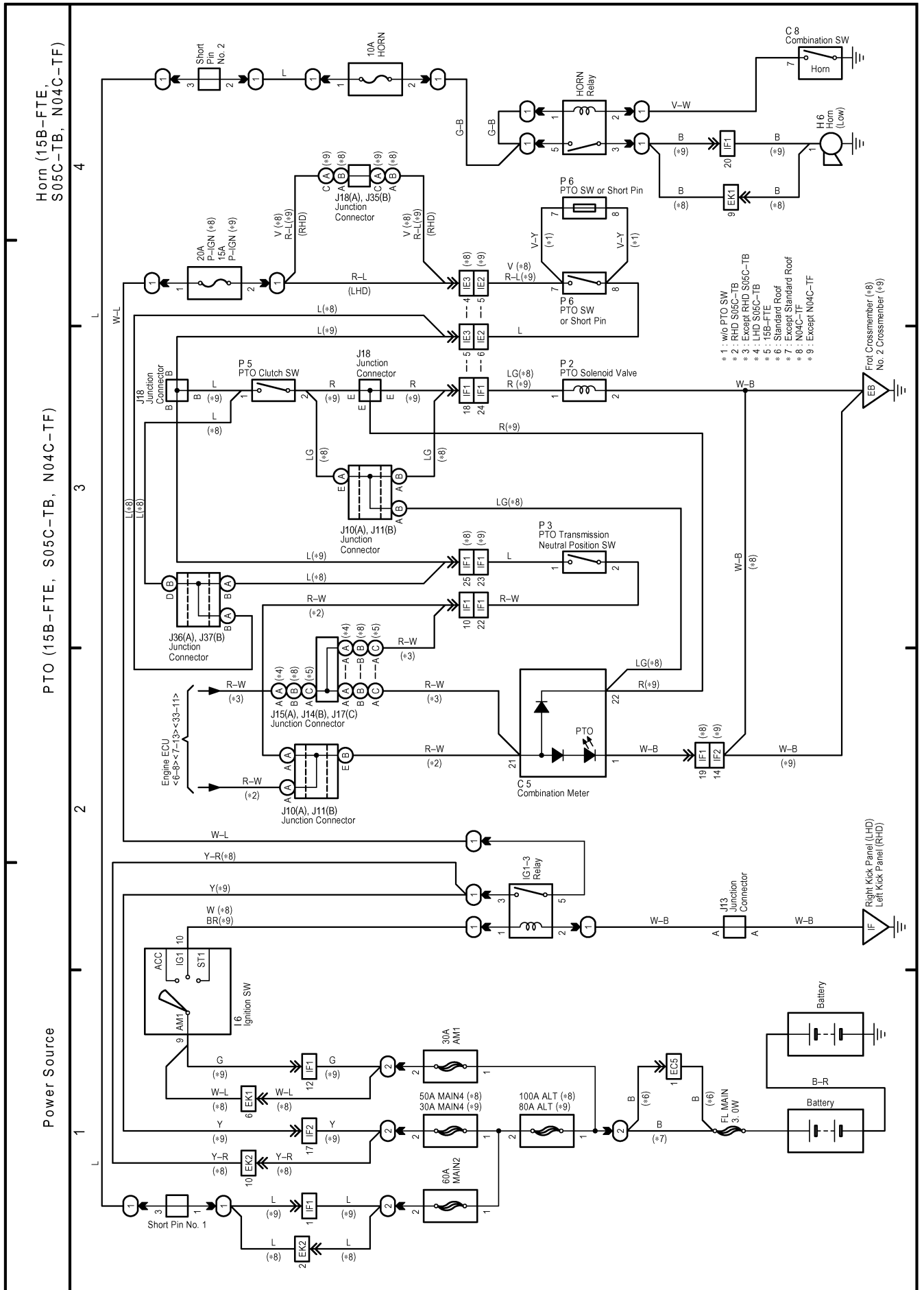
OVERALL ELECTRICAL WIRING DIAGRAM

21 DUTRO



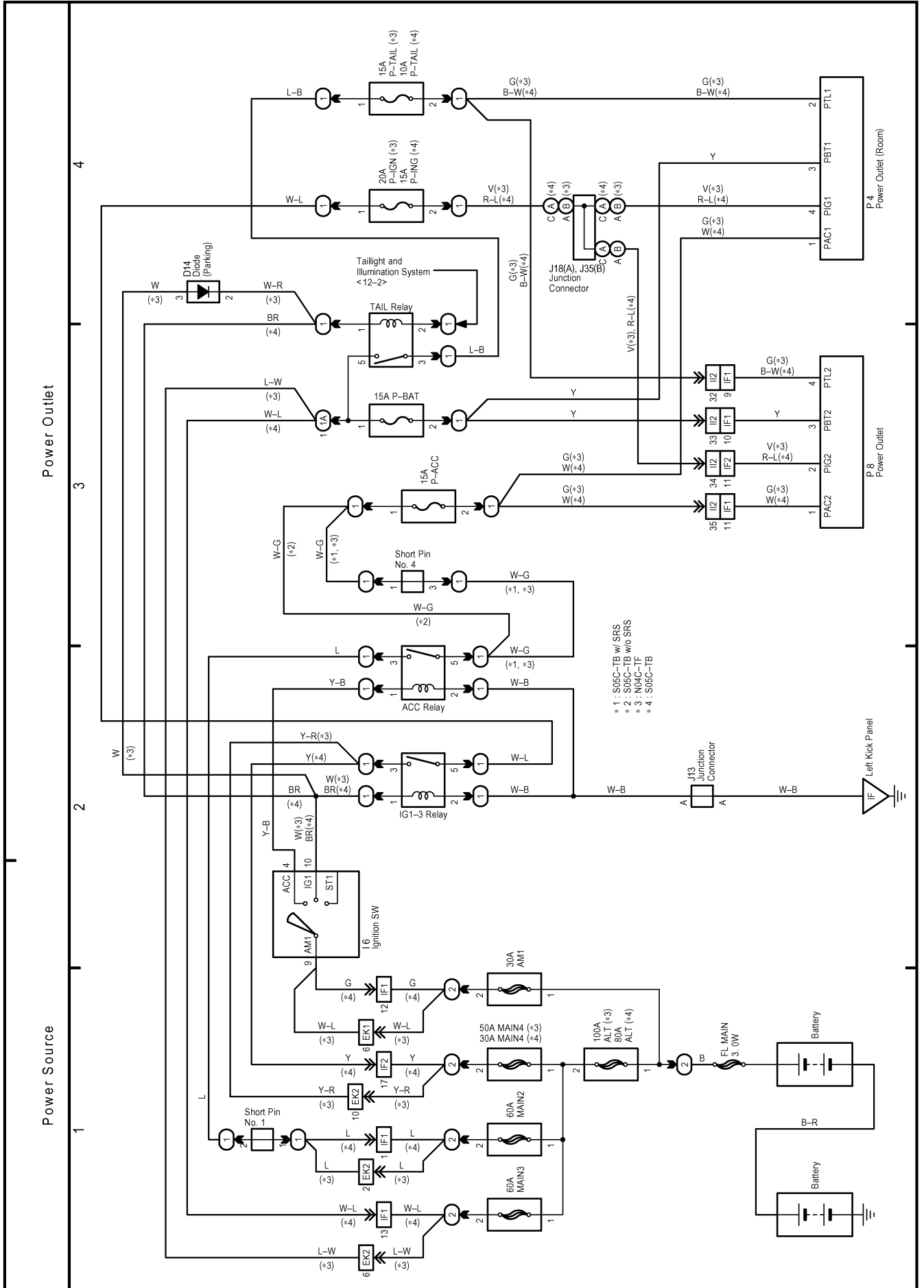
OVERALL ELECTRICAL WIRING DIAGRAM

22 DUTRO



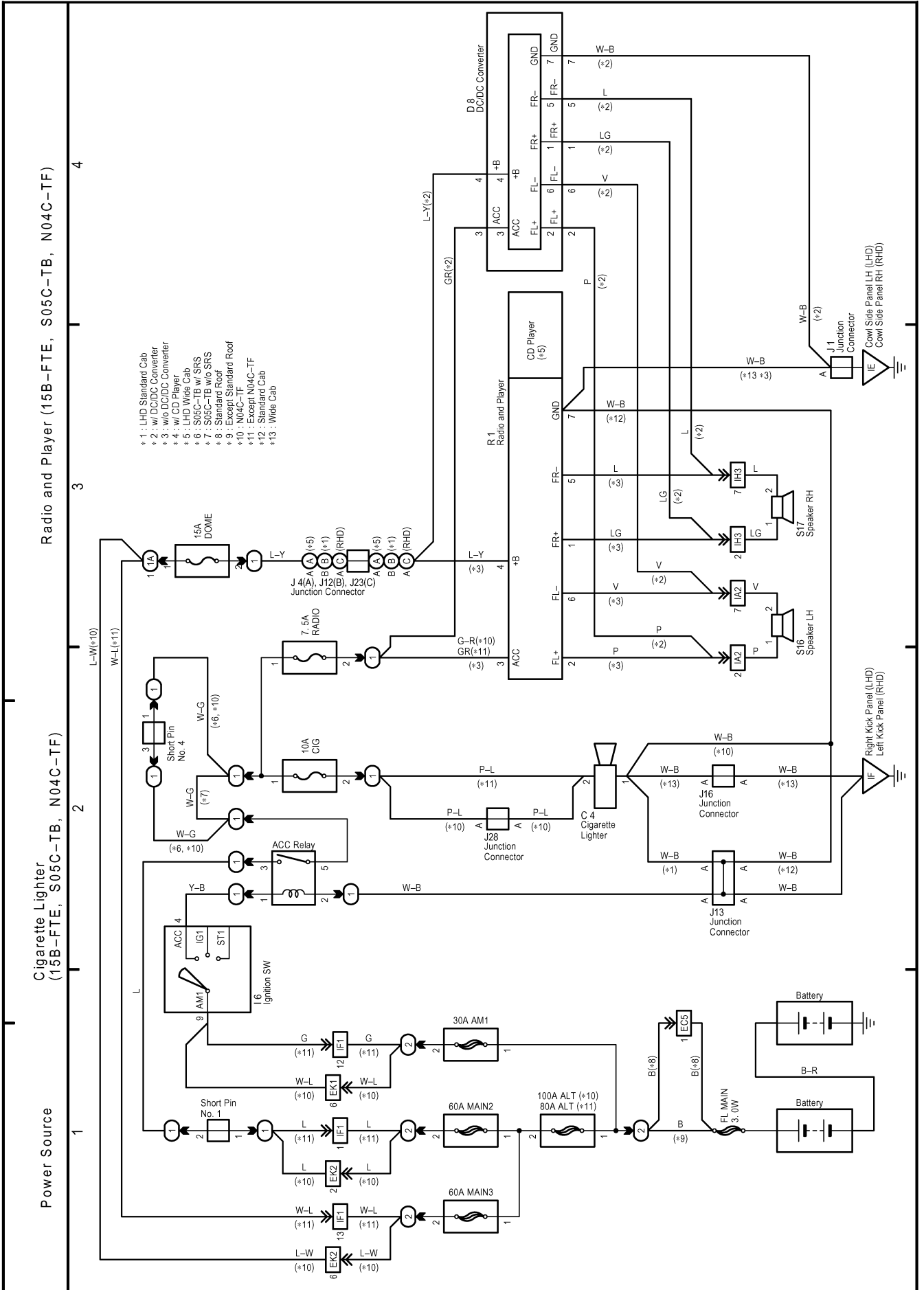
OVERALL ELECTRICAL WIRING DIAGRAM

24 DUTRO



OVERALL ELECTRICAL WIRING DIAGRAM

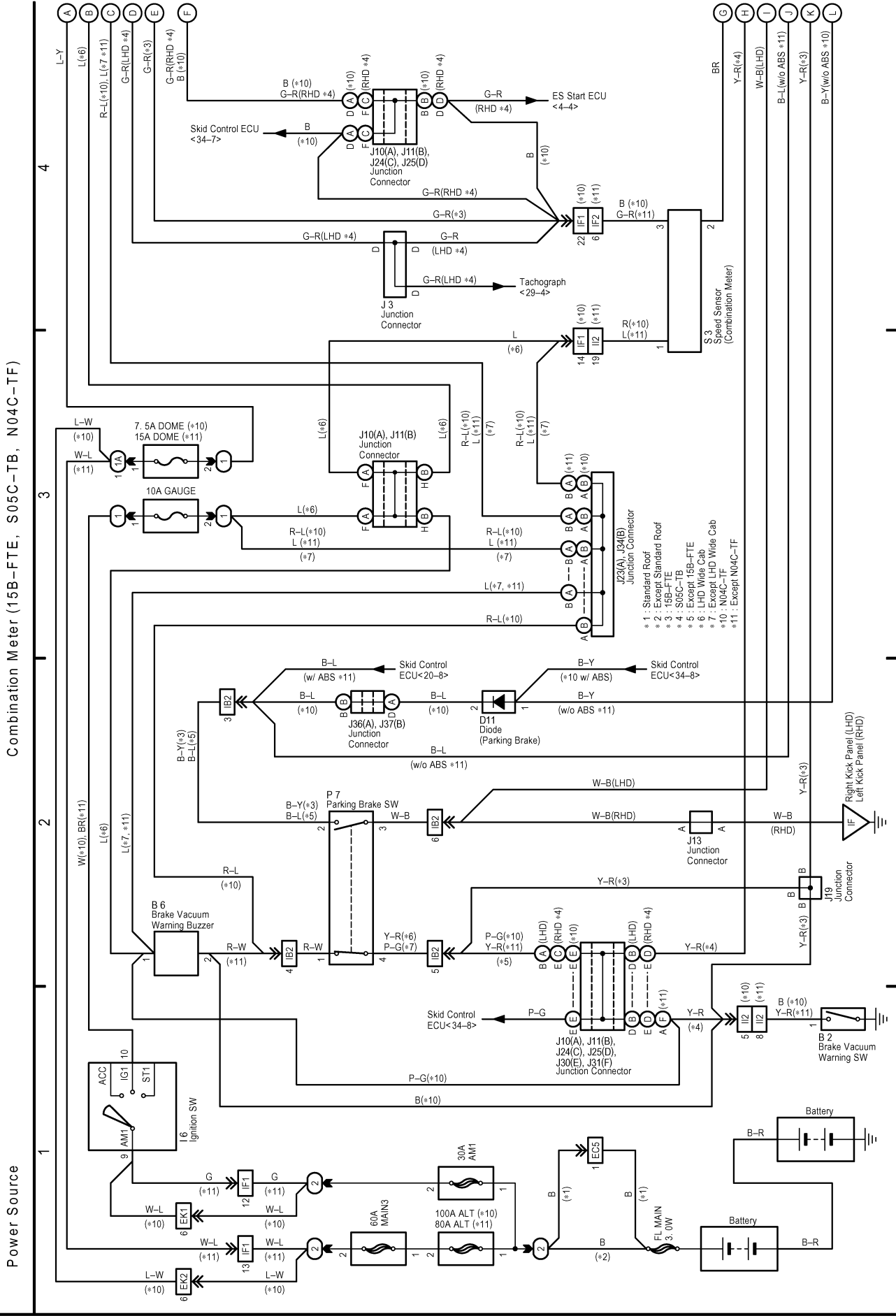
25 DUTRO



OVERALL ELECTRICAL WIRING DIAGRAM

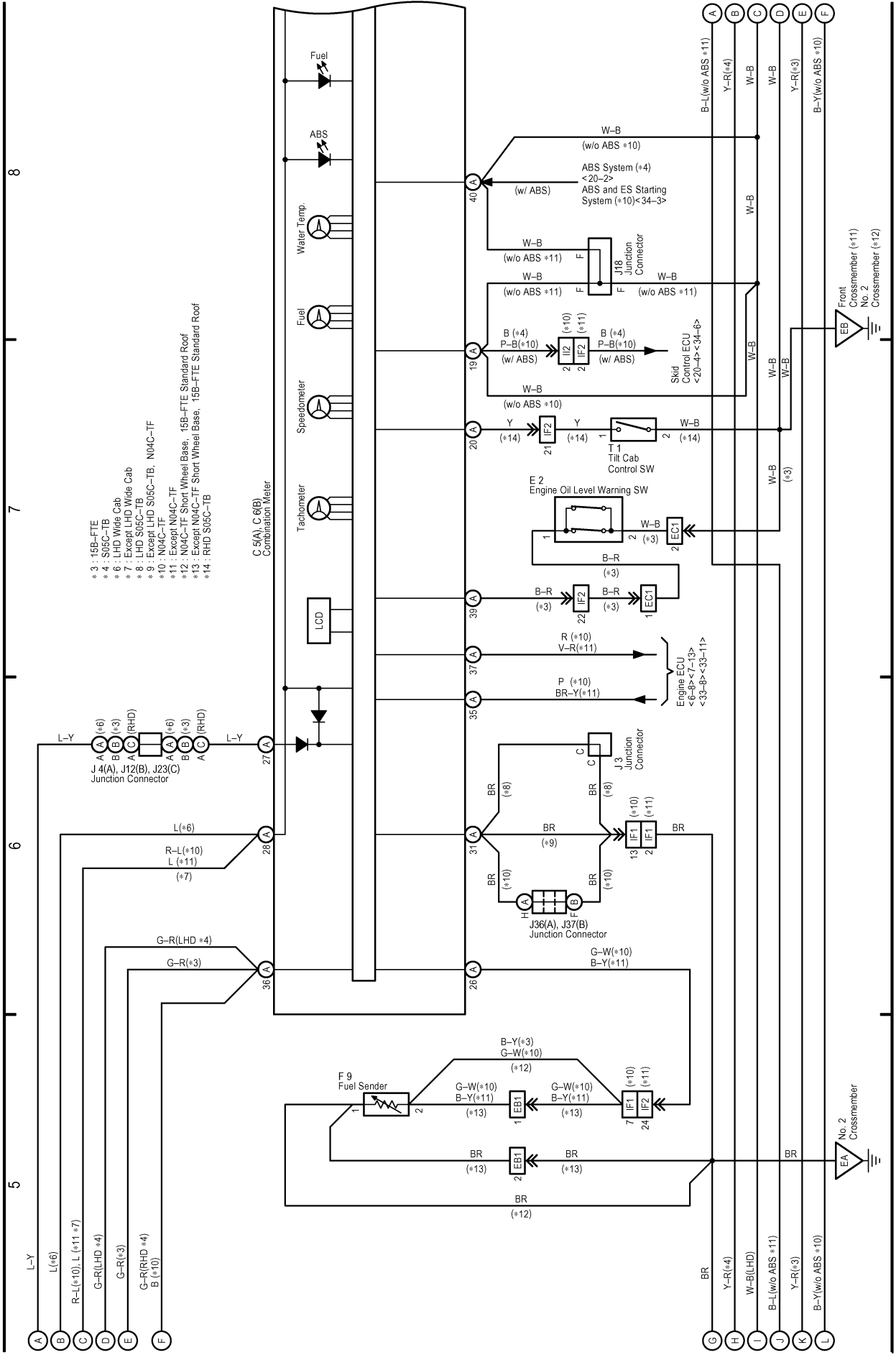
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27 DUTRO



OVERALL ELECTRICAL WIRING DIAGRAM

Combination Meter (15B-FTE, S05C-TB, N04C-TF)

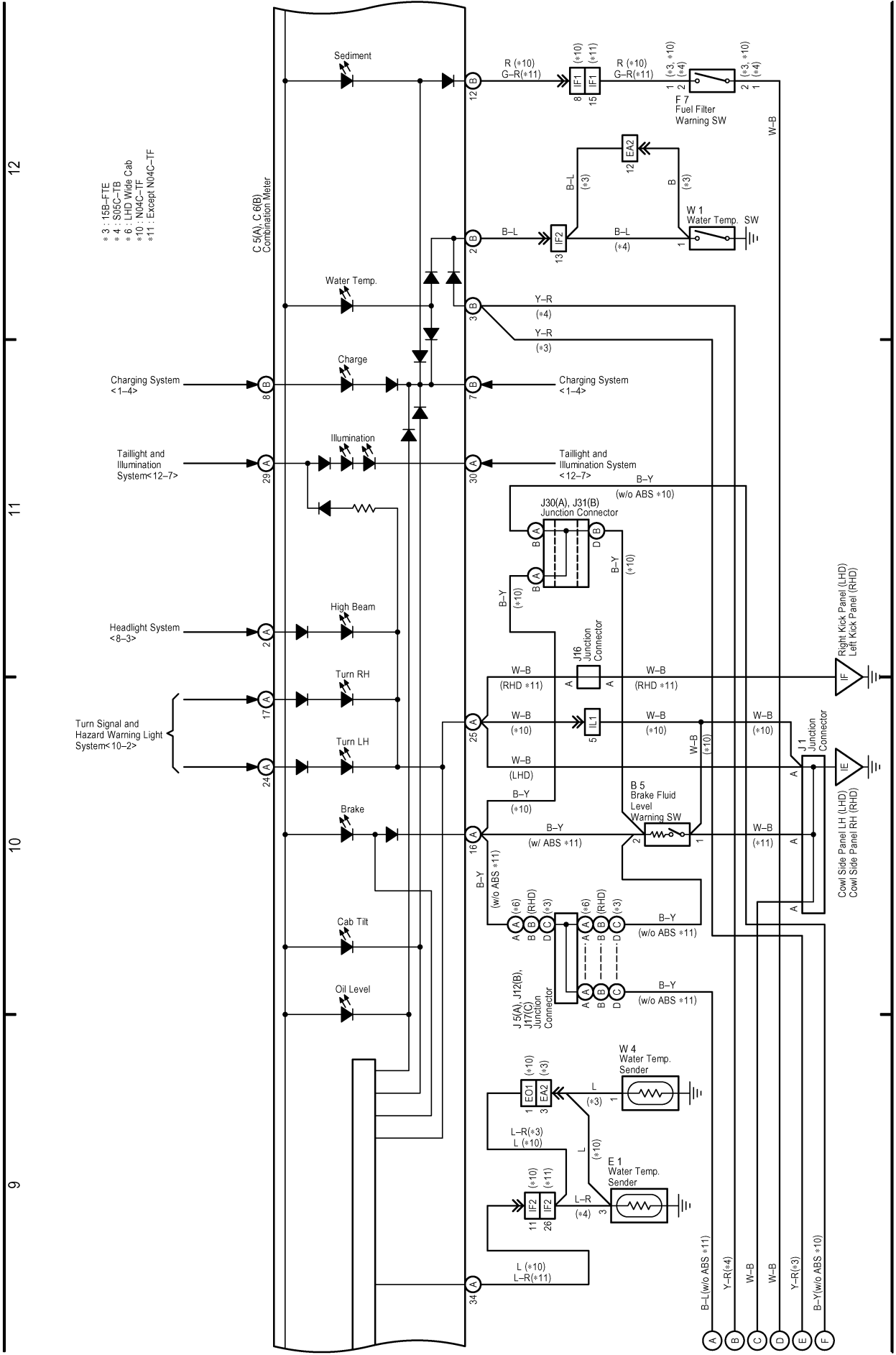


OVERALL ELECTRICAL WIRING DIAGRAM

27 DUTRO (Cont' d)

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Combination Meter (15B-FTE, S05C-TB, N04C-TF)



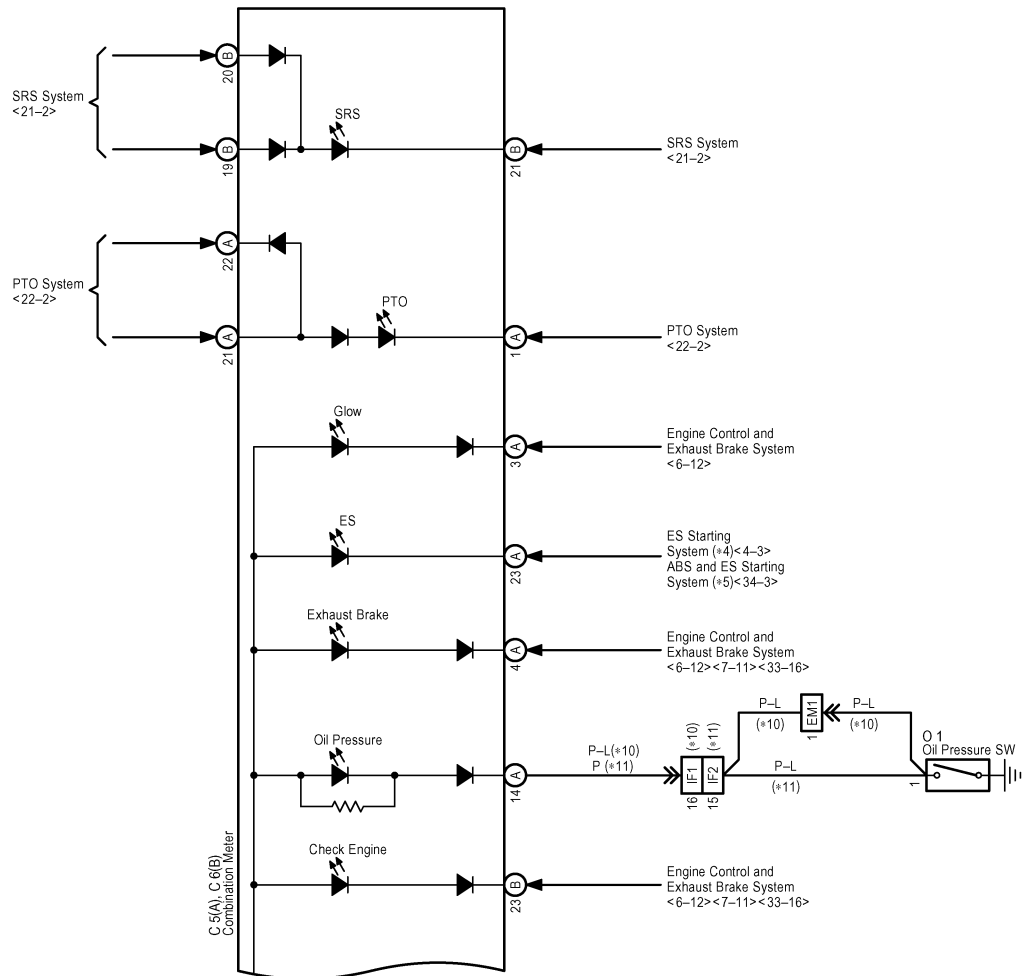
OVERALL ELECTRICAL WIRING DIAGRAM

27 DUTRO (Cont' d)

Combination Meter (15B-FTE, S05C-TB, N04C-TF)

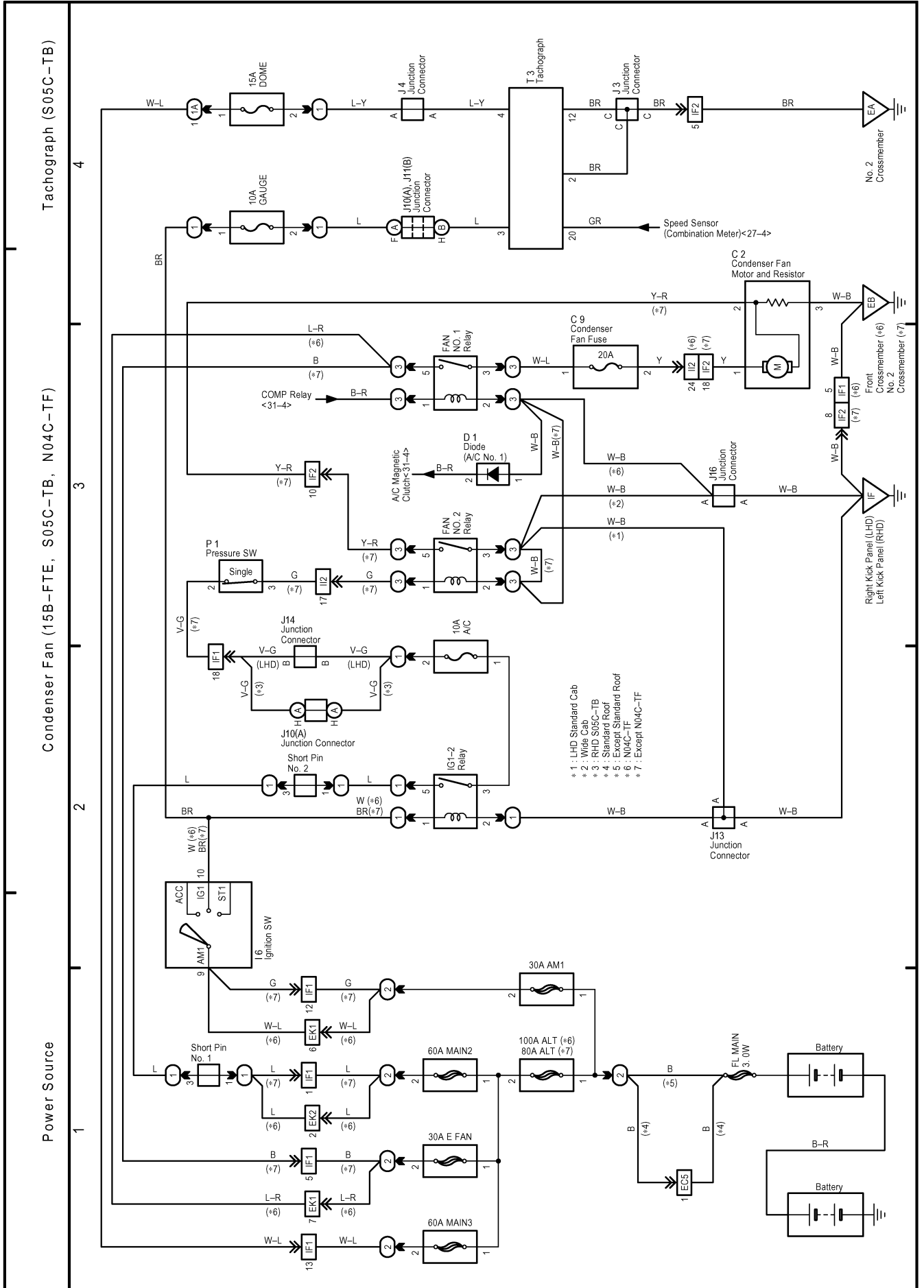
13 14 15 16

- *4: S05C-TB
- *5: Except 15B-FTE
- *10: N04C-TF
- *11: Except N04C-TF



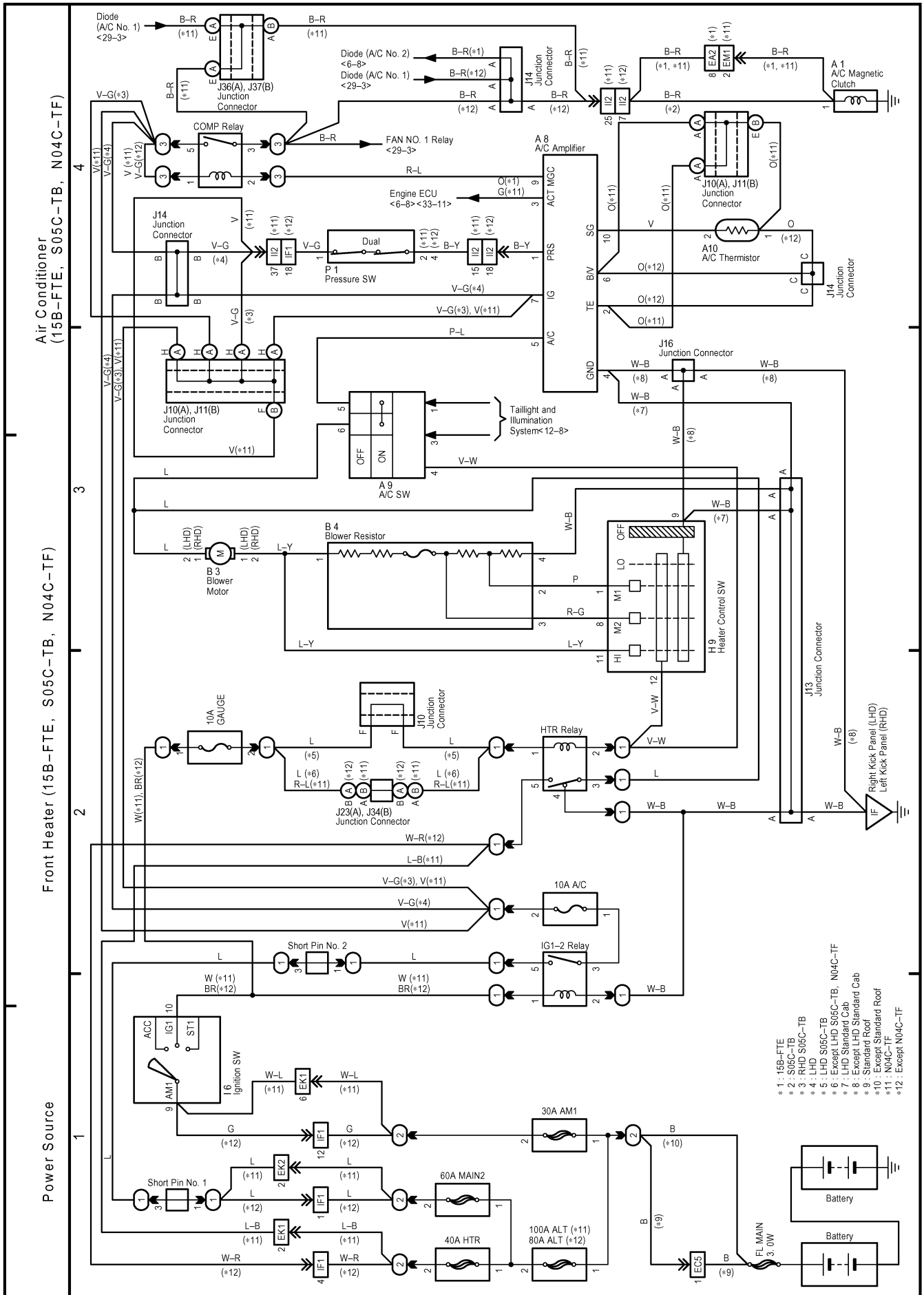
OVERALL ELECTRICAL WIRING DIAGRAM

29 DUTRO



OVERALL ELECTRICAL WIRING DIAGRAM

31 DUTRO



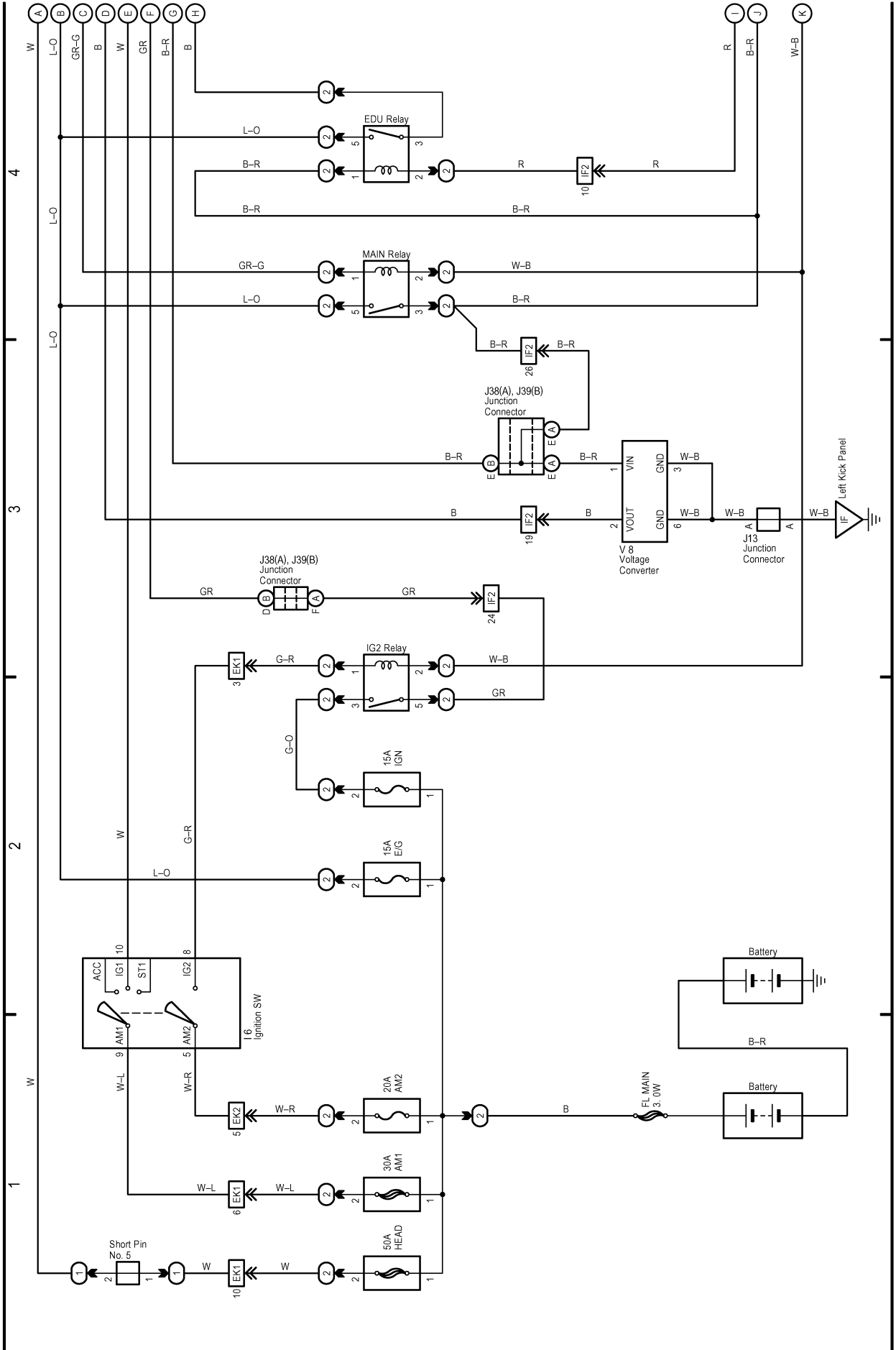
OVERALL ELECTRICAL WIRING DIAGRAM

(Cont. next page)

33 DUTRO

Engine Control and Exhaust Brake (N04C-TF)

Power Source

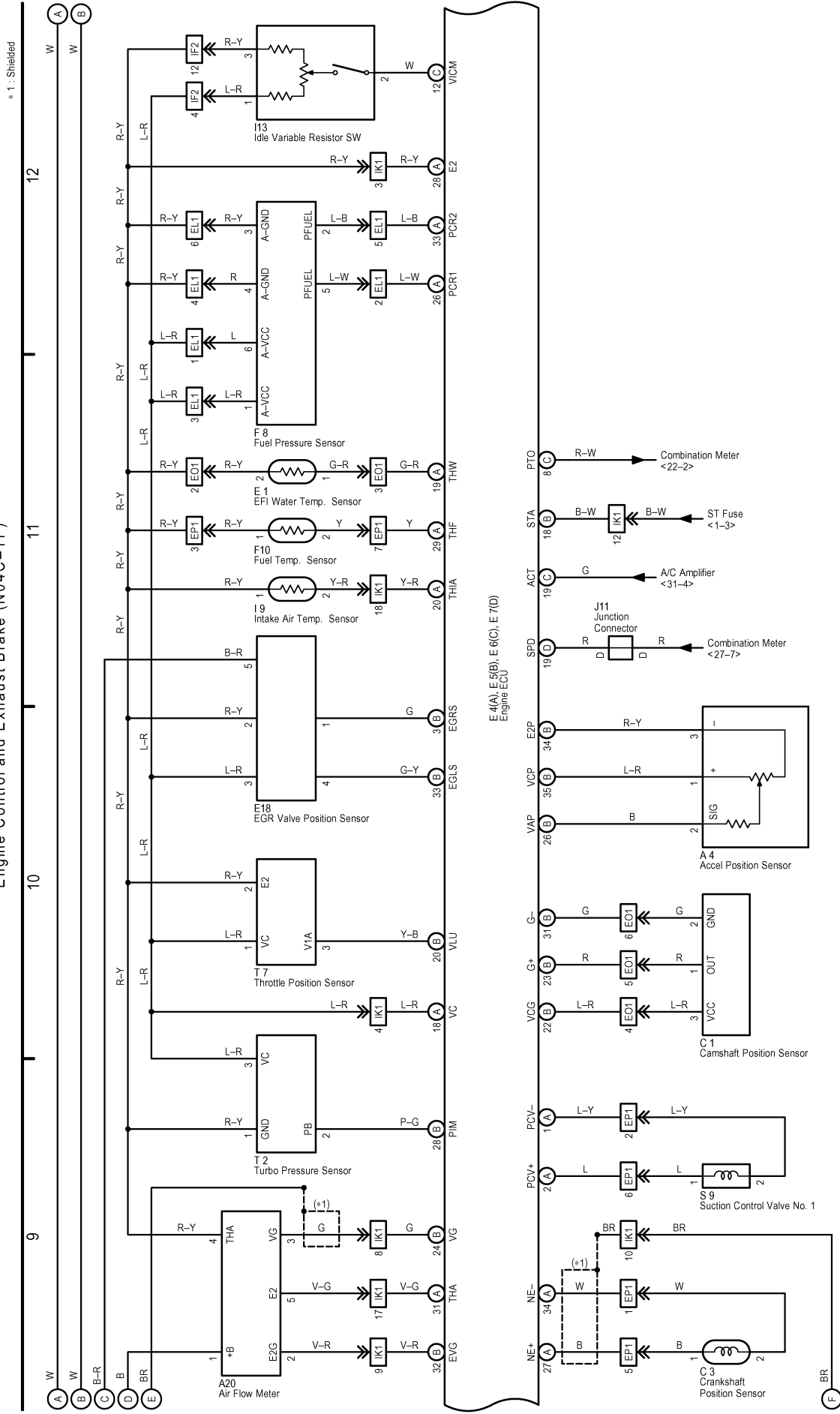


OVERALL ELECTRICAL WIRING DIAGRAM

33 DUTRO (Cont' d)

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Engine Control and Exhaust Brake (N04C-TF)

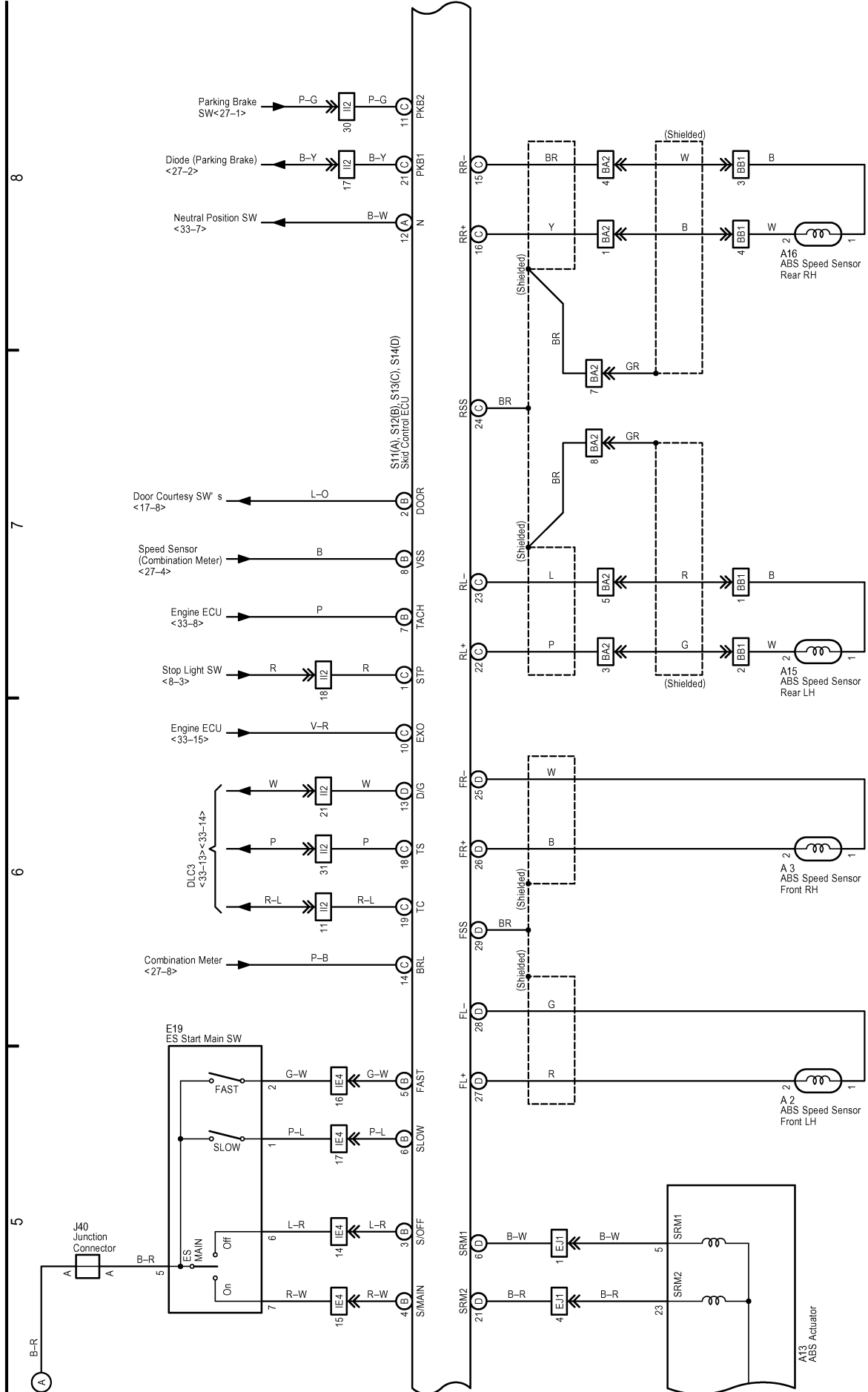


OVERALL ELECTRICAL WIRING DIAGRAM

34 DUTRO (Cont' d)

(Cont. next page)

ABS and ES Starting System (N04C-TF)



OVERALL ELECTRICAL WIRING DIAGRAM

34 DUTRO (Cont' d)

ABS and ES Starting System (N04C-TF)

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11

10

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