

Version Description

Version Modification and Description

Version	Prepared by	Date	Contents	Modification from Last Version	Applicable Model and Configuration
00 Version	Technical Support Dept.	May 12, 2020	Circuit Diagram	00 Version	1.5TCI-6MT/ 1.5TCI-CVT/ 1.6TGDI- 7DCT

Description:

- (1) For applicable configuration (electric appliance) of this circuit diagram, refer to configuration table.
- (2) Wiring harness part numbers in the diagram are for reference only and vary according to model configuration. If dealer orders wiring harness, check Replacement Part Manual for the corresponding part number.
- (3) If you find any omission or error in this manual, if you have any question, please kindly call Technical Support Department of After-sale Service Division of Chery Auto Marketing Corp.

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Technical Support Department, After-sale Service Division,
Chery Auto Marketing Corp.
May 12, 2020

Configuration Table

Configuration Table

T1E 1.5TCI-6MT/1.5TCI-CVT Model Electric Appliance Configuration Table

No.	■ Model Based on Seats	5-seat Model				
	■ Power Assembly	1.5TCI-6MT			1.5TCI-CVT	
	■ Model Name	Basic	Standard	Comfort	Comfort	Standard
1	Engine Model	SQRE4T15C				
2	Emission Level	China VI				
3	Transmission Type	6MT			CVT25	
4	SUV	●	●	●	●	●
5	LHD	●	●	●	●	●
6	Unibody	●	●	●	●	●
7	E4T15C	●	●	●	●	●
8	F4J16					
9	China VI	●	●	●	●	●
10	Mechanical Transmission (6MT)	●	●	●		
11	Continuously Variable Transmission (CVT)				●	●
12	Automatic Transmission (7DCT)					
13	ECO Mode					
14	OEBC	●	●	●	●	●
15	Turbocharger Method	●	●	●	●	●
16	Idle Start Stop System					
17	Smart Grille					

T1E 1.5TCI-6MT/1.5TCI-CVT Model Electric Appliance Configuration Table (continued)

No.	■ Model Based on Seats	5-seat Model				
	■ Power Assembly	1.5TCI-6MT			1.5TCI-CVT	
	■ Model Name	Basic	Standard	Comfort	Comfort	Standard
18	Two Shaft with Center Support					
19	Power Assist Steering	●	●	●	●	●
20	Steering Column Manual 4-way Adjustment	●	●	●	●	●
21	Macpherson Type Front Suspension	●	●	●	●	●
22	Multi-link Type Rear Suspension	●	●	●	●	●
23	225/65 R17	●	●		●	
24	225/60 R18			●		●
25	225/55 R19					
26	Four-wheel Aluminum Rim	●	●	●	●	●
27	Whole Painting	●	●	●	●	●
28	Fine and Bright Painting Surface					
29	Small Trim Cover	●	●	●	●	●
30	T Spare Tire	●	●	●	●	●
31	Steel Rim for Spare Tire	●	●	●	●	●
32	ABS + EBD (Braking Force Control System)	●	●	●	●	●
33	ESP Braking Force Control System	●	●	●	●	●
34	Hill Descent Control (HDC)	●	●	●	●	●

T1E 1.5TCI-6MT/1.5TCI-CVT Model Electric Appliance Configuration Table (continued)

No.	■ Model Based on Seats	5-seat Model				
	■ Power Assembly	1.5TCI-6MT			1.5TCI-CVT	
	■ Model Name	Basic	Standard	Comfort	Comfort	Standard
35	Electrical Parking Brake (EPB)+ AUTOHOLD	●	●	●	●	●
36	Four-wheel Disc Brake	●	●	●	●	●
37	FF	●	●	●	●	●
38	Start Assist	●	●	●		
39	Front Three-point Seat Belt	●	●	●	●	●
40	Second Row Three-point Seat Belt	●	●	●	●	●
41	Front Height Adjustable Seat Belt	●	●	●	●	●
42	Second Row Height Non-adjustable Seat Belt	●	●	●	●	●
43	Front Force-limit Seat Belt	●	●	●	●	●
44	Second Row Force-limit Seat Belt LH			○		○
45	Front Pretensioner Seat Belt			○		○
46	Front Double-pretensioner Seat Belt					
47	Second Row Pretentioner Seat Belt LH			○		○
48	Driver Seat Belt with Warning, Front Passenger Seat Belt without Warning	●	●	●	●	●
49	Second Row Seat Belt with Warning					
50	Front Seat with Rigid Buckle	●	●	●	●	●
51	Second Row Seat with Ribbon Buckle	●	●	●	●	●

T1E 1.5TCI-6MT/1.5TCI-CVT Model Electric Appliance Configuration Table (continued)

No.	■ Model Based on Seats	5-seat Model				
	■ Power Assembly	1.5TCI-6MT			1.5TCI-CVT	
	■ Model Name	Basic	Standard	Comfort	Comfort	Standard
52	Driver Airbag	●	●	●	●	●
53	Front Double Frontal Single Stage Airbag	●	●	●	●	●
54	Front Seat Side Airbag			●		●
55	Side Curtain Airbag					
56	Visor Warning Symbol	●	●	●	●	●
57	Wireless Key	●	●	●	●	●
58	LED Type High Mounted Stop Light	●	●	●	●	●
59	Emergency Brake Strobe	●	●	●	●	●
60	LED Tail Light	●	●	●	●	●
61	Passive Entry Passive Start System	●	●		●	
62	PEPS (Button Type)			●		●
63	PEPS (Touch Type)			●		●
64	Smart Bracelet Key					
65	Engine Electronic Anti-theft	●	●	●	●	●
66	Reversing View + Mute Dynamic Guideline				●	●
67	360 Panoramic View					
68	Front without Reverse Radar, Rear with 3 Reverse Radars		●	●	●	●

T1E 1.5TCI-6MT/1.5TCI-CVT Model Electric Appliance Configuration Table (continued)

No.	■ Model Based on Seats	5-seat Model				
	■ Power Assembly	1.5TCI-6MT			1.5TCI-CVT	
	■ Model Name	Basic	Standard	Comfort	Comfort	Standard
69	Front with 6 Reverse Radars, Rear with 6 Reverse Radars					
70	Horn	●	●	●	●	●
71	Tire Pressure Monitoring System	●	●	●	●	●
72	Raise Window by Locking Vehicle			●		●
73	Body Anti-theft Alarm	●	●	●	●	●
74	Power Opening Luggage Compartment Lock/Back Door Lock	●	●	●	●	●
75	Gas Spring	●	●	●	●	●
76	Power Back Door (Automatic Switch)					
77	Manual Back Door	●	●	●	●	●
78	Electric Fuel Filler Door	●	●	●	●	●
79	Panoramic Power Sunroof		●	●	●	●
80	Load-bearing Roof Carrier (Unit-type)					
81	Load-bearing Roof Carrier (Split-type)	●	●	●	●	●
82	Engine Lower Shield		●	●	●	●
83	Oil Tank Spoiler					
84	Bright Strip Door Handle					
85	Rear Spoiler	●	●	●	●	●

T1E 1.5TCI-6MT/1.5TCI-CVT Model Electric Appliance Configuration Table (continued)

No.	■ Model Based on Seats	5-seat Model				
	■ Power Assembly	1.5TCI-6MT			1.5TCI-CVT	
	■ Model Name	Basic	Standard	Comfort	Comfort	Standard
86	Engine Trim Cover				●	●
87	Front Compartment Shield Trim Cover		●	●	●	●
88	Driver Door Central Control Four Doors	●	●	●	●	●
89	Unlock Inside By Pulling Twice	●	●	●	●	●
90	Mechanical Child Protection Lock	●	●	●	●	●
91	Electronic Child Protection Lock					
92	Luggage Cover					
93	Multi-function Steering Wheel Button	●	●	●	●	●
94	Self-luminous Meter	●	●	●	●	●
95	With Foot Rest Pedal	●	●	●	●	●
96	Genuine Leather Steering Wheel		●	●	●	●
97	PU (Foaming) Steering Wheel	●				
98	Adaptive Cruise Control (ACC)					
99	Cruise Function			●		●
100	Instrument Cluster (Color Display)			●		●
101	Instrument Cluster (Monochromatic TFT Display)	●	●		●	
102	Instrument Cluster with Speed Limit Indicator	●	●	●	●	●

T1E 1.5TCI-6MT/1.5TCI-CVT Model Electric Appliance Configuration Table (continued)

No.	■ Model Based on Seats	5-seat Model				
	■ Power Assembly	1.5TCI-6MT			1.5TCI-CVT	
	■ Model Name	Basic	Standard	Comfort	Comfort	Standard
103	Instrument Cluster with Speed Limit Setting					
104	Instrument Cluster with Gear Shift Indicator	●	●	●	●	●
105	7-inch Instrument Cluster			●		●
106	12.3-inch Liquid Crystal Instrument					
107	3.5-inch Instrument Cluster	●	●		●	
108	Front Dome Light with Glass box	●	●	●	●	●
109	Backup Power Source	●	●	●	●	●
110	Fabric Seat	●				
111	Imitation Leather Seat		●	●	●	●
112	Driver Seat Manual 4-way	●				
113	Driver Seat Manual 6-way		●		●	
114	Driver Seat Power 6-way			●		●
115	Driver Seat Lumbar Power 4-way					
116	Driver Seat Headrest Manual 2-way	●	●	●	●	●
117	Driver Seat with Heating Function			●		●
118	Front Passenger Seat Manual 4-way	●	●	●	●	●
119	Front Passenger Seat Power 4-way					

T1E 1.5TCI-6MT/1.5TCI-CVT Model Electric Appliance Configuration Table (continued)

No.	■ Model Based on Seats	5-seat Model				
	■ Power Assembly	1.5TCI-6MT			1.5TCI-CVT	
	■ Model Name	Basic	Standard	Comfort	Comfort	Standard
120	Front Passenger Seat Headrest Manual 2-way	●	●	●	●	●
121	Front Passenger Seat with Heating Function			●		●
122	Front Seat with Map Bag	●	●	●	●	●
123	Second Row Split-type Seat	●	●	●	●	●
124	Second Row Foldable Seat Back	●	●	●	●	●
125	Second Row Seat Headrest Manual 2-way	●	●	●	●	●
126	Second Row Seat with 2 Headrests	●	●		●	
127	Second Row Seat with 3 Headrests			●		●
128	Second Row Seat with Built-in Armrest			●		●
129	Seat Cup Hold			●		●
130	Seat Center Armrest			●		●
131	ISOFIX Interface	●	●	●	●	●
132	On-board Computer	●	●	●	●	●
133	10-inch Display	●	●	●	●	●
134	Capacitor Display	●	●	●	●	●
135	TBOX					
136	Phone Mapping Function	●	●	●	●	●

T1E 1.5TCI-6MT/1.5TCI-CVT Model Electric Appliance Configuration Table (continued)

No.	■ Model Based on Seats	5-seat Model				
	■ Power Assembly	1.5TCI-6MT			1.5TCI-CVT	
	■ Model Name	Basic	Standard	Comfort	Comfort	Standard
137	Bluetooth Function	●	●	●	●	●
138	No Disc DVD	●	●	●	●	●
139	Local + Cloud Recognition					
140	Voice Recognition					
141	1 Microphone	●	●	●	●	●
142	2 Microphones					
143	2 Woofers	●	●	●	●	●
144	4 Woofers					
145	2 Tweeters		●	●	●	●
146	USB Function Interface	●	●		●	
147	USB Charging Module			●		●
148	WIFI					
149	Big Shark Fin Antenna		●	●	●	●
150	Mobile Phone Wireless Charging					
151	LED Type Front Dome Light	●	●	●	●	●
152	LED Type Second Row Dome Light			●		●
153	Inner Ambient Light					

T1E 1.5TCI-6MT/1.5TCI-CVT Model Electric Appliance Configuration Table (continued)

No.	■ Model Based on Seats	5-seat Model				
	■ Power Assembly	1.5TCI-6MT			1.5TCI-CVT	
	■ Model Name	Basic	Standard	Comfort	Comfort	Standard
154	Adaptive High Beam Light (IHC)					
155	Ground Light					
156	Luggage Compartment Light	●	●	●	●	●
157	Front Fog Light					
158	Turn Auxiliary Light					
159	LED Daytime Running Light	●	●	●	●	●
160	Integrated LED Type Side Turn Light	●	●	●	●	●
161	LED Headlight	●	●	●	●	●
162	Reflective Headlight	●	●	●	●	●
163	Headlight Level Manual Adjustment	●	●	●	●	●
164	Follow Me Home	●	●	●	●	●
165	Automatic Lighting					
166	Rear Fog Light	●	●	●	●	●
167	Vanity Mirror Light			●		●
168	Four Door Window Glass One-touch Up (with Jam Protection)			●		●
169	Four Door Window Glass One-touch Down	●	●	●	●	●
170	Rear Windshield with Heating	●	●	●	●	●

T1E 1.5TCI-6MT/1.5TCI-CVT Model Electric Appliance Configuration Table (continued)

No.	■ Model Based on Seats	5-seat Model				
	■ Power Assembly	1.5TCI-6MT			1.5TCI-CVT	
	■ Model Name	Basic	Standard	Comfort	Comfort	Standard
171	Outer Rear View Mirror Len Power Adjustment	●	●	●	●	●
172	Outer Rear View Mirror Manual Folding	●	●	●	●	●
173	Outer Rear View Mirror Power Folding					
174	Auto Folding Linked with Parking					
175	Outer Rear View Mirror with Power Heating Function			●		●
176	Common Inner Rear View Mirror	●	●	●	●	●
177	Manual Anti-glare Inner Rear View Mirror	●	●	●	●	●
178	Front Boneless Wiper	●	●	●	●	●
179	Rear Bone Wiper			●		●
180	Front Nozzle with Power Heating					
181	Rear Nozzle			●		●
182	Sensitive Wiper					
183	Intermittent Variable Speed Wiper	●	●	●	●	●
184	Manual Electric A/C	●	●	●	●	●
185	Dual Zone Automatic A/C					
186	Lane Departure Function (LDW)					
187	Auto Parking System (APA)					

T1E 1.5TCI-6MT/1.5TCI-CVT Model Electric Appliance Configuration Table (continued)

No.	■ Model Based on Seats	5-seat Model				
	■ Power Assembly	1.5TCI-6MT			1.5TCI-CVT	
	■ Model Name	Basic	Standard	Comfort	Comfort	Standard
188	Dynamic Parking Assist System (AEB)					
189	Blind Spot Monitoring Function (Microwave Radar)					
190	Traffic Signal Identification (SLA)					
191	Driving Recorder					
192	Lane Keep Assist (LKA)					
193	Traffic Jam Assist (TJA)					
194	Integrated Cruise Assist (ICA)					
195	Turning Mode Selection		●	●	●	●
196	Door Open Collision Warning Function (DOW)					
197	Rear Automatic Emergency Braking					
198	Rear Collision Warning Function (RCW)					
199	Bluetooth Key					
Note: 1, "●" means it is equipped, "○" means it is optional, "blank" it is not equipped.						

T1E 1.6TGDI-7DCT Model Electric Appliance Configuration Table

No.	■ Model Based on Seats	5-seat Model		
	■ Power Assembly	1.6TGDI-7DCT		
	■ Model Name	Comfort	Luxury	Honorable
1	Engine Model	SQRF4J16		
2	Emission Level	China VI		
3	Transmission Type	7DCT		
4	SUV	●	●	●
5	LHD	●	●	●
6	Unibody	●	●	●
7	E4T15C			
8	F4J16	●	●	●
9	China VI	●	●	●
10	Mechanical Transmission (6MT)			
11	Continuously Variable Transmission (CVT)			
12	Automatic Transmission (7DCT)	●	●	●
13	ECO Mode	●	●	●
14	OEBD	●	●	●
15	Turbocharger Method	●	●	●
16	Idle Start Stop System			
17	Smart Grille			

T1E 1.6TGDI-7DCT Model Electric Appliance Configuration Table (continued)

No.	■ Model Based on Seats	5-seat Model		
	■ Power Assembly	1.6TGDI-7DCT		
	■ Model Name	Comfort	Luxury	Honorable
18	Two Shaft with Center Support	●	●	●
19	Power Assist Steering	●	●	●
20	Steering Column Manual 4-way Adjustment	●	●	●
21	Macpherson Type Front Suspension	●	●	●
22	Multi-link Type Rear Suspension	●	●	●
23	225/65 R17			
24	225/60 R18	●	●	
25	225/55 R19			●
26	Four-wheel Aluminum Rim	●	●	●
27	Whole Painting	●		
28	Fine and Bright Painting Surface		●	●
29	Small Trim Cover	●	●	●
30	T Spare Tire	●	●	●
31	Steel Rim for Spare Tire	●	●	●
32	ABS + EBD (Braking Force Control System)	●	●	●
33	ESP Braking Force Control System	●	●	●
34	Hill Descent Control (HDC)	●	●	●

T1E 1.6TGDI-7DCT Model Electric Appliance Configuration Table (continued)

No.	■ Model Based on Seats	5-seat Model		
	■ Power Assembly	1.6TGDI-7DCT		
	■ Model Name	Comfort	Luxury	Honorable
35	Electrical Parking Brake (EPB)+ AUTOHOLD	●	●	●
36	Four-wheel Disc Brake	●	●	●
37	FF	●	●	●
38	Start Assist			
39	Front Three-point Seat Belt	●	●	●
40	Second Row Three-point Seat Belt	●	●	●
41	Front Height Adjustable Seat Belt	●	●	●
42	Second Row Height Non-adjustable Seat Belt	●	●	●
43	Front Force-limit Seat Belt	●	●	●
44	Second Row Force-limit Seat Belt LH			●
45	Front Pretensioner Seat Belt			
46	Front Double-pretensioner Seat Belt			●
47	Second Row Pretentioner Seat Belt LH			●
48	Driver Seat Belt with Warning, Front Passenger Seat Belt without Warning	●	●	
49	Second Row Seat Belt with Warning			●
50	Front Seat with Rigid Buckle	●	●	●
51	Second Row Seat with Ribbon Buckle	●	●	●

T1E 1.6TGDI-7DCT Model Electric Appliance Configuration Table (continued)

No.	■ Model Based on Seats	5-seat Model		
	■ Power Assembly	1.6TGDI-7DCT		
	■ Model Name	Comfort	Luxury	Honorable
52	Driver Airbag	●	●	●
53	Front Double Frontal Single Stage Airbag	●	●	●
54	Front Seat Side Airbag	●	●	●
55	Side Curtain Airbag			●
56	Visor Warning Symbol	●	●	●
57	Wireless Key	●	●	●
58	LED Type High Mounted Stop Light	●	●	●
59	Emergency Brake Strobe	●	●	●
60	LED Tail Light	●	●	●
61	Passive Entry Passive Start System			
62	PEPS (Button Type)	●	●	●
63	PEPS (Touch Type)	●	●	●
64	Smart Bracelet Key			●
65	Engine Electronic Anti-theft	●	●	●
66	Reversing View+ Mute Dynamic Guideline	●	●	●
67	360 Panoramic View			●
68	Front without Reverse Radar, Rear with 3 Reverse Radars	●	●	

T1E 1.6TGDI-7DCT Model Electric Appliance Configuration Table (continued)

No.	■ Model Based on Seats	5-seat Model		
	■ Power Assembly	1.6TGDI-7DCT		
	■ Model Name	Comfort	Luxury	Honorable
69	Front with 6 Reverse Radars, Rear with 6 Reverse Radars			●
70	Horn	●	●	●
71	Tire Pressure Monitoring System	●	●	●
72	Raise Window by Locking Vehicle	●	●	●
73	Body Anti-theft Alarm	●	●	●
74	Power Opening Luggage Compartment Lock/Back Door Lock	●	●	●
75	Gas Spring	●	●	●
76	Power Back Door (Automatic Switch)			●
77	Manual Back Door	●	●	
78	Electric Fuel Filler Door	●	●	●
79	Panoramic Power Sunroof	●	●	●
80	Load-bearing Roof Carrier (Unit-type)			●
81	Load-bearing Roof Carrier (Split-type)	●	●	
82	Engine Lower Shield	●	●	●
83	Oil Tank Spoiler		●	●
84	Bright Strip Door Handle			
85	Rear Spoiler	●	●	●

T1E 1.6TGDI-7DCT Model Electric Appliance Configuration Table (continued)

No.	■ Model Based on Seats	5-seat Model		
	■ Power Assembly	1.6TGDI-7DCT		
	■ Model Name	Comfort	Luxury	Honorable
86	Engine Trim Cover			
87	Front Compartment Shield Trim Cover	●	●	●
88	Driver Door Central Control Four Doors	●	●	●
89	Unlock Inside By Pulling Twice	●	●	●
90	Mechanical Child Protection Lock	●	●	
91	Electronic Child Protection Lock			●
92	Luggage Cover		●	●
93	Multi-function Steering Wheel Button	●	●	●
94	Self-luminous Meter	●	●	●
95	With Foot Rest Pedal	●	●	●
96	Genuine Leather Steering Wheel	●	●	●
97	PU (Foaming) Steering Wheel			
98	Adaptive Cruise Control (ACC)		●	●
99	Cruise Function	●		
100	Instrument Cluster (Color Display)	●	●	●
101	Instrument Cluster (Monochromatic TFT Display)			
102	Instrument Cluster with Speed Limit Indicator	●	●	●

T1E 1.6TGDI-7DCT Model Electric Appliance Configuration Table (continued)

No.	■ Model Based on Seats	5-seat Model		
	■ Power Assembly	1.6TGDI-7DCT		
	■ Model Name	Comfort	Luxury	Honorable
103	Instrument Cluster with Speed Limit Setting		●	●
104	Instrument Cluster with Gear Shift Indicator	●	●	●
105	7-inch Instrument Cluster	●	●	
106	12.3-inch Liquid Crystal Instrument			●
107	3.5-inch Instrument Cluster			
108	Front Dome Light with Glass Box	●	●	●
109	Backup Power Source	●	●	●
110	Fabric Seat			
111	Imitation Leather Seat	●	●	●
112	Driver Seat Manual 4-way			
113	Driver Seat Manual 6-way	●		
114	Driver Seat Power 6-way		●	●
115	Driver Seat Lumbar Power 4-way			●
116	Driver Seat Headrest Manual 2-way	●	●	●
117	Driver Seat with Heating Function		●	●
118	Front Passenger Seat Manual 4-way	●	●	
119	Front Passenger Seat Power 4-way			●

T1E 1.6TGDI-7DCT Model Electric Appliance Configuration Table (continued)

No.	■ Model Based on Seats	5-seat Model		
	■ Power Assembly	1.6TGDI-7DCT		
	■ Model Name	Comfort	Luxury	Honorable
120	Front Passenger Seat Headrest Manual 2-way	●	●	●
121	Front Passenger Seat with Heating Function		●	●
122	Front Seat with Map Bag	●	●	●
123	Second Row Split-type Seat	●	●	●
124	Second Row Foldable Seat Back	●	●	●
125	Second Row Seat Headrest Manual 2-way	●	●	●
126	Second Row Seat with 2 Headrests			
127	Second Row Seat with 3 Headrests	●	●	●
128	Second Row Seat with Built-in Armrest	●	●	●
129	Seat Cup Hold	●	●	●
130	Seat Center Armrest	●	●	●
131	ISOFIX Interface	●	●	●
132	On-board Computer	●	●	●
133	10-inch Display	●	●	●
134	Capacitor Display	●	●	●
135	TBOX		●	●
136	Phone Mapping Function	●	●	●

T1E 1.6TGDI-7DCT Model Electric Appliance Configuration Table (continued)

No.	■ Model Based on Seats	5-seat Model		
	■ Power Assembly	1.6TGDI-7DCT		
	■ Model Name	Comfort	Luxury	Honorable
137	Bluetooth Function	●	●	●
138	No Disc DVD	●	●	●
139	Local + Cloud Recognition		●	●
140	Voice Recognition	●		
141	1 Microphone	●		
142	2 Microphones		●	●
143	2 Woofers	●		
144	4 Woofers		●	●
145	2 Tweeters	●	●	●
146	USB Function Interface	●		
147	USB Charging Module		●	●
148	WIFI		●	●
149	Big Shark Fin Antenna	●	●	●
150	Mobile Phone Wireless Charging			●
151	LED Type Front Dome Light	●	●	●
152	LED Type Second Row Dome Light	●	●	●
153	Inner Ambient Light		●	●

T1E 1.6TGDI-7DCT Model Electric Appliance Configuration Table (continued)

No.	■ Model Based on Seats	5-seat Model		
	■ Power Assembly	1.6TGDI-7DCT		
	■ Model Name	Comfort	Luxury	Honorable
154	Adaptive High Beam Light (IHC)		●	●
155	Ground Light			●
156	Luggage Compartment Light	●	●	●
157	Front Fog Light			
158	Turn Auxiliary Light			
159	LED Daytime Running Light	●	●	●
160	Integrated LED Type Side Turn Light	●	●	●
161	LED Headlight	●	●	●
162	Reflective Headlight	●	●	●
163	Headlight Level Manual Adjustment	●	●	●
164	Follow Me Home	●	●	●
165	Automatic Lighting		●	●
166	Rear Fog Light	●	●	●
167	Vanity Mirror Light	●	●	●
168	Four Door Window Glass One-touch Up (with Jam Protection)	●	●	●
169	Four Door Window Glass One-touch Down	●	●	●
170	Rear Windshield with Heating	●	●	●

T1E 1.6TGDI-7DCT Model Electric Appliance Configuration Table (continued)

No.	■ Model Based on Seats	5-seat Model		
	■ Power Assembly	1.6TGDI-7DCT		
	■ Model Name	Comfort	Luxury	Honorable
171	Outer Rear View Mirror Len Power Adjustment	●	●	●
172	Outer Rear View Mirror Manual Folding	●		
173	Outer Rear View Mirror Power Folding		●	●
174	Auto Folding Linked with Parking		●	●
175	Outer Rear View Mirror with Power Heating Function		●	●
176	Common Inner Rear View Mirror	●	●	●
177	Manual Anti-glare Inner Rear View Mirror	●	●	●
178	Front Boneless Wiper	●	●	●
179	Rear Bone Wiper	●	●	●
180	Front Nozzle with Power Heating			
181	Rear Nozzle	●	●	●
182	Sensitive Wiper			●
183	Intermittent Variable Speed Wiper	●	●	●
184	Manual Electric A/C	●		
185	Dual Zone Automatic A/C		●	●
186	Lane Departure Function (LDW)		●	●
187	Auto Parking System (APA)			●

T1E 1.6TGDI-7DCT Model Electric Appliance Configuration Table (continued)

No.	■ Model Based on Seats	5-seat Model		
	■ Power Assembly	1.6TGDI-7DCT		
	■ Model Name	Comfort	Luxury	Honorable
188	Dynamic Parking Assist System (AEB)		●	●
189	Blind Spot Monitoring Function (Microwave Radar)			●
190	Traffic Signal Identification (SLA)		●	●
191	Driving Recorder			●
192	Lane Keep Assist (LKA)		●	●
193	Traffic Jam Assist (TJA)		●	●
194	Integrated Cruise Assist (ICA)		●	●
195	Turning Mode Selection	●	●	●
196	Door Open Collision Warning Function (DOW)			●
197	Rear Automatic Emergency Braking			
198	Rear Collision Warning Function (RCW)			●
199	Bluetooth Key			●

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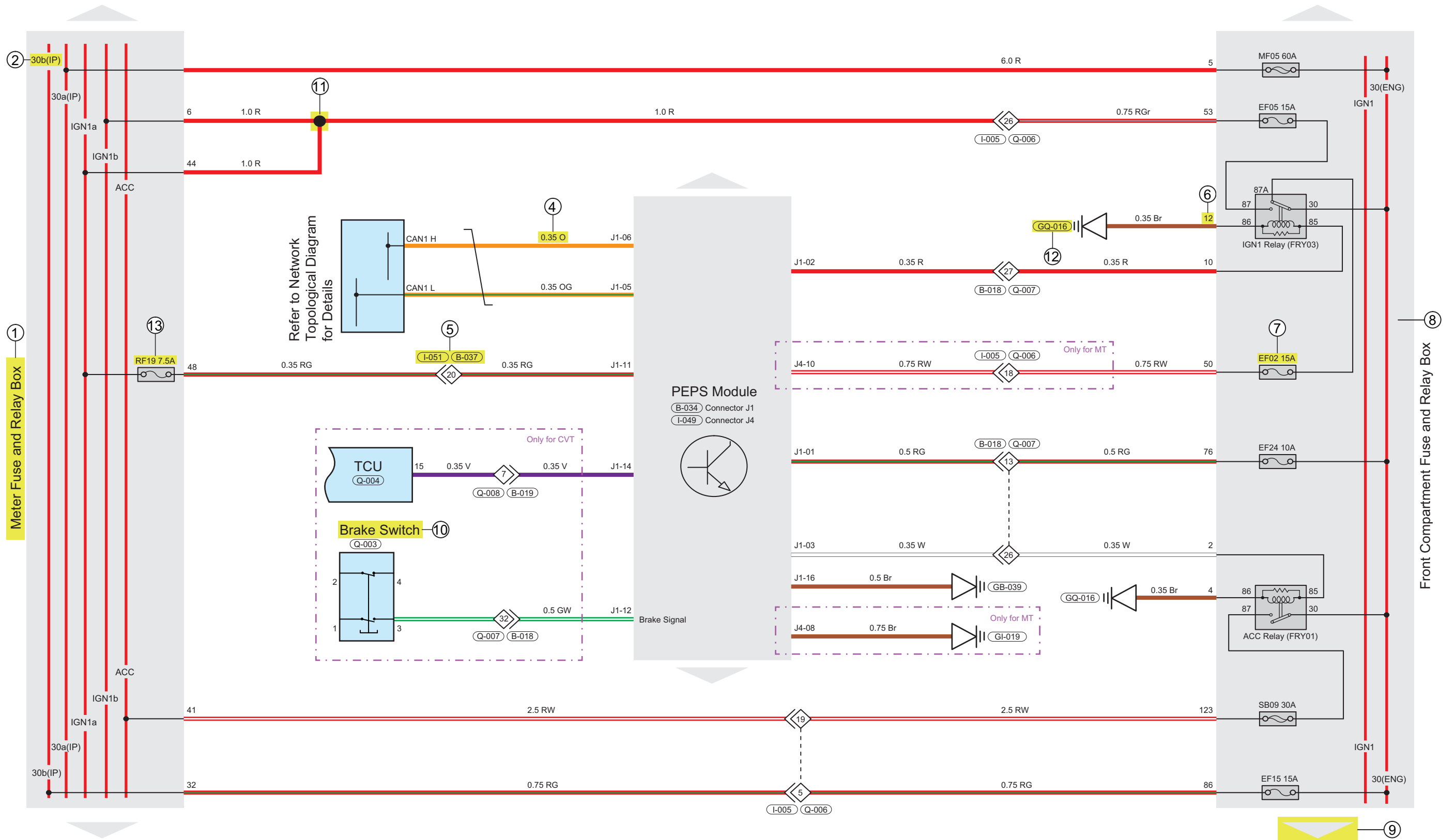
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(1), Diagram Example

2.2. PEPS Power Supply and Communication System, Vehicle Power Supply System ③










CHAPTER 1, DIAGRAM EXPLANATION

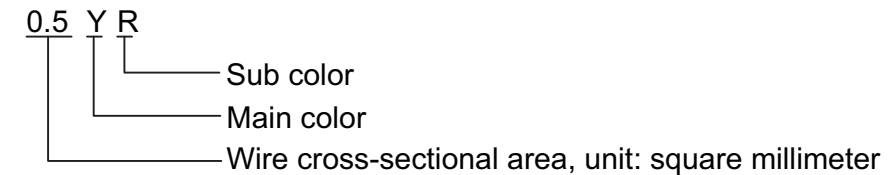
1. All circuits, fuses and relays in gray zone are in meter fuse and relay box. The box is below the left front A pillar of the vehicle. It is a part of the meter wire harness.
2. Power Condition:

Power Condition	Explanation
30(ENG)	From battery terminal and connected to front compartment fuse and relay box without any fuse installed. Uninterruptible power.
30a(IP)	From front compartment fuse and relay box and connected meter fuse and relay box with MF05 fuse installed. Uninterruptible power.
30b(IP)	From front compartment fuse and relay box and connected meter fuse and relay box with EF15 fuse installed. Uninterruptible power.
IGN1a	From front compartment fuse and relay box and connected meter fuse and relay box with EF05 fuse installed. Powered when ON.
IGN1b	From front compartment fuse and relay box and connected meter fuse and relay box with EF05 fuse installed. Powered when ON.
ACC	From front compartment fuse and relay box and connected meter fuse and relay box with SB09 fuse installed. Powered when ACC/ON.

3. Name of wiring diagram is shown on this page.
4. Wire specification and color. Wire color codes are shown as follows:

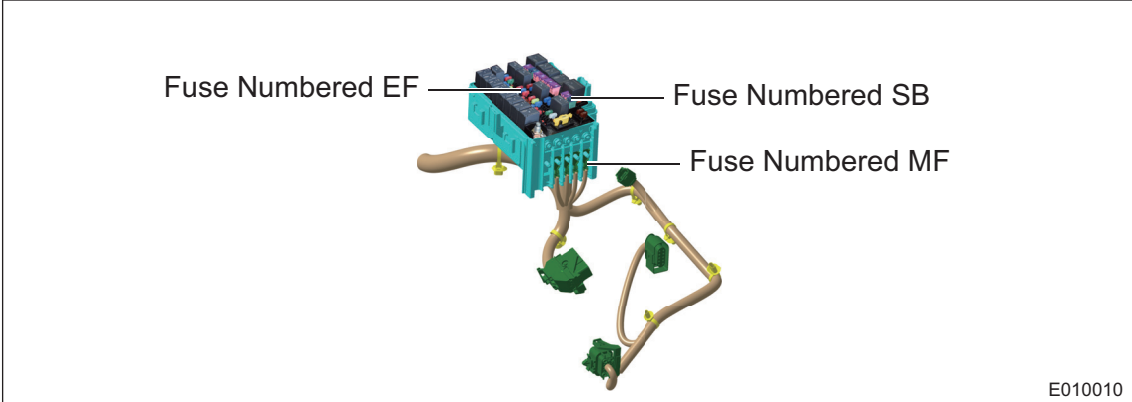
Color Code	Wire Color	Example
R	Red	
O	Orange	
W	White	
B	Black	
Y	Yellow	
V	Purple	
G	Green	
L	Blue	
Br	Brown	
Gr	Gray	
P	Pink	
Lg	Light Green	

Line note meaning:

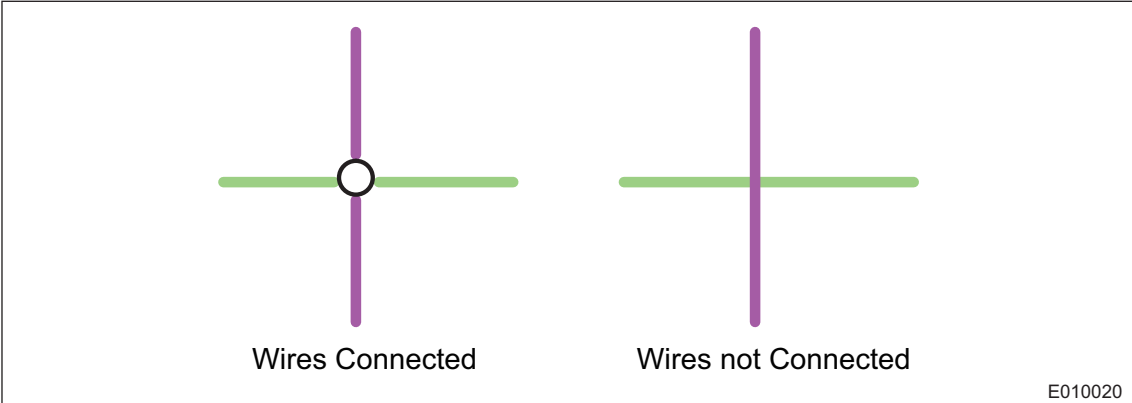


5. Connector between wire harness and wire harness. For details, refer to section "Main wiring harness connector definition".
6. Electrical unit terminal No., for example, it indicates 12# terminal in front compartment fuse and relay box.

7. Fuse in front compartment fuse and relay box.
 Chip fuse in front compartment fuse and relay box is represented by EF+ number. For example, EF05 15A represents a 15A chip fuse numbered 05 in the front compartment fuse and relay box. High current fuses in front compartment fuse and relay box side is represented by MF+ number. For example, MF05 60A represents a 60A high current fuse numbered 05 on the side of the front compartment fuse and relay box.
 As shown in figure:

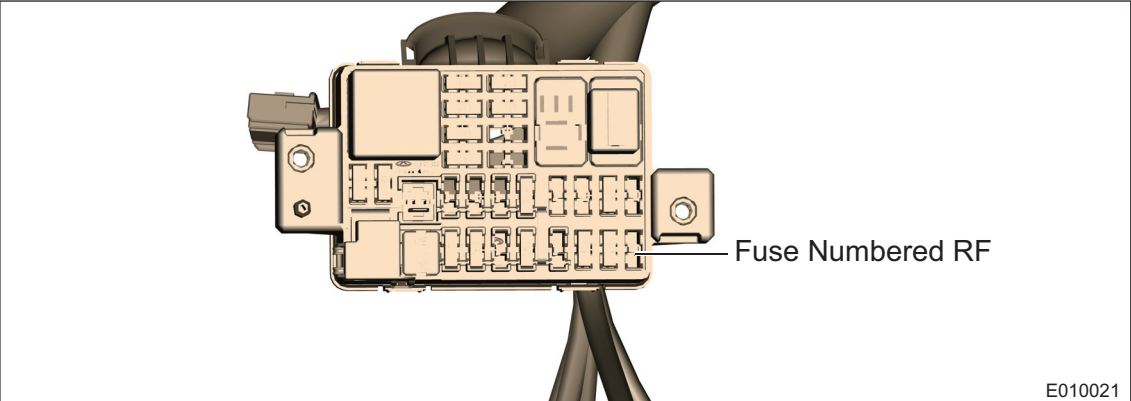


- 8. All circuits, fuses and relays in gray zone are in front compartment fuse and relay box.
- 9. ▾ indicates go to the next page, ▴ indicates go to the last page.
- 10. Name of the electrical components.
- 11. Wire connection point.



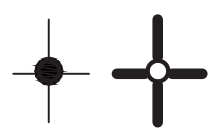

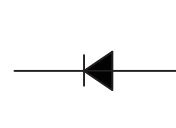
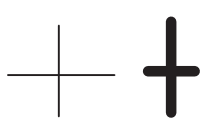

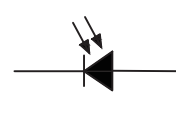

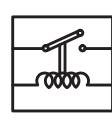
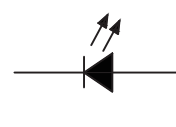



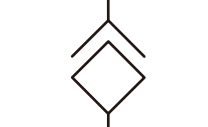

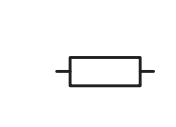
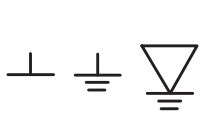
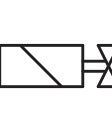
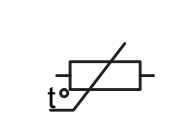

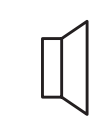
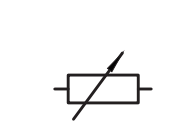

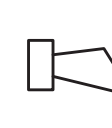
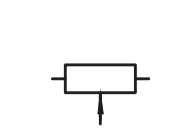


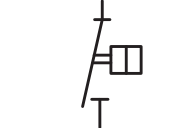
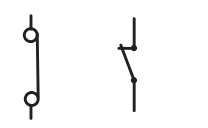
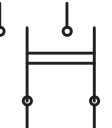

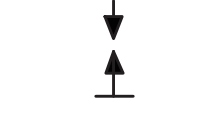
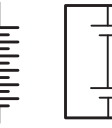
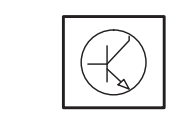
12. GB-024 is a number of ground connector of the interior floor wire harness. In which, "G" indicates ground, "B" indicates interior floor wire harness, "024" indicates number of the connector. For detailed ground point location symbol, refer to section in the "CHAPTER 1 Module Position and Ground Point Definition".

13. Dashboard relay box is presented by RF.



CHAPTER 1, DIAGRAM EXPLANATION

(2), Description of Main Symbols in Circuit Diagram

Symbol	Meaning	Symbol	Meaning	Symbol	Meaning
	Wires Connected		DC Motor		Diode
	Wires not Connected		Bulb		Photodiode
	Twisted-Pair Wire		Relay		Light Emitting Diode
	Shielded Wire		Plate Type Fuse		Antenna
	Connector		Slow-blown Fuse Heavy Load Fuse		Resistance
	Ground		Solenoid Valve		Temperature Sensor
	Non Self-locking Switch		Speaker		Variable Resistor
	Self-locking Switch		Horn		Potentiometer
	Normally Open Switch		Security Horn		Pressure Switch
	Normally Close Switch		Linked Switch		Heater
	Spark Plug		12V Battery		Control Module

NOTE:

Contact type button switch, non self-locking button switch: ON when pressed, OFF when released.

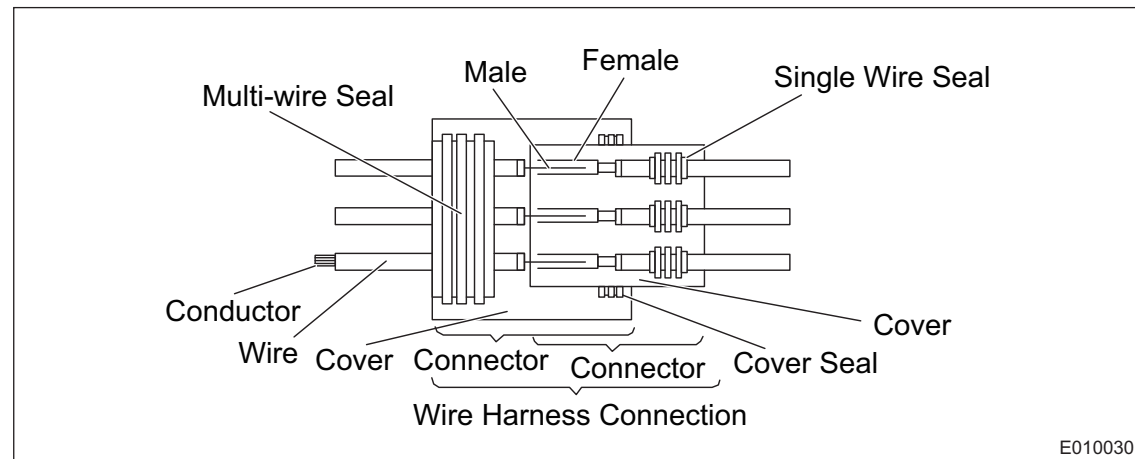
Self-locking button switch: ON when pressed, OFF when pressed again.

Confirm other symbols according to circuit and real component.

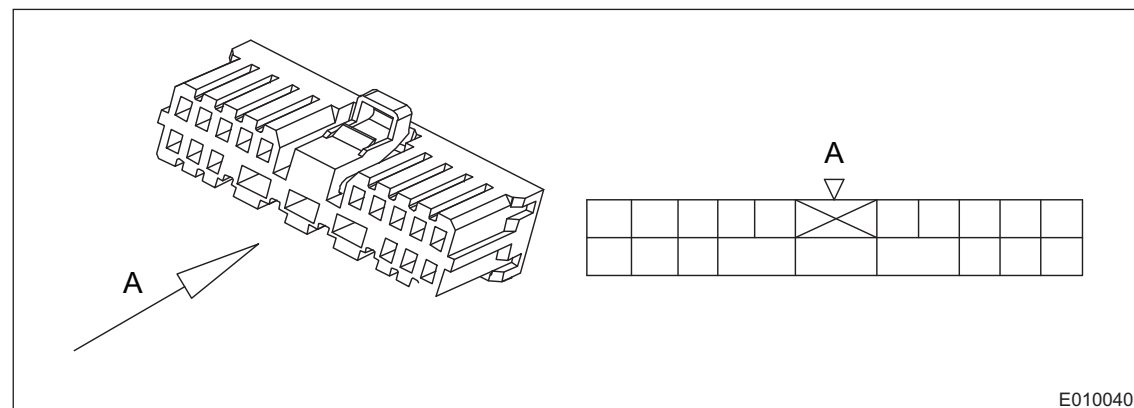
(3), Wire Harness Connector Definition and Location

3.1, Wire Harness Connector Definition

Electrical components and wire harness or different wire harnesses are connected by connectors, which consist of cover, male (pin terminal) or female (hole terminal), seals and wire etc. as shown in the illustration:



(1) View direction of wire harness connector in electrical wiring diagram:

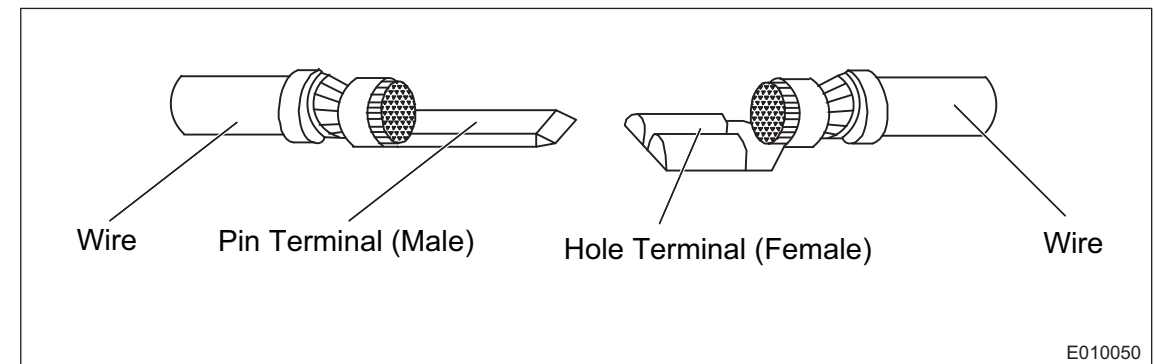


Meaning of number on multi-wire connector cover: number such as 1, 2, 3 etc. indicates pin (hole) number of connector. Only the first and last number in a row of pins (holes) are provided in definition. Terminal view and description in detail of connectors are provided in wire harness diagrams in following sections.

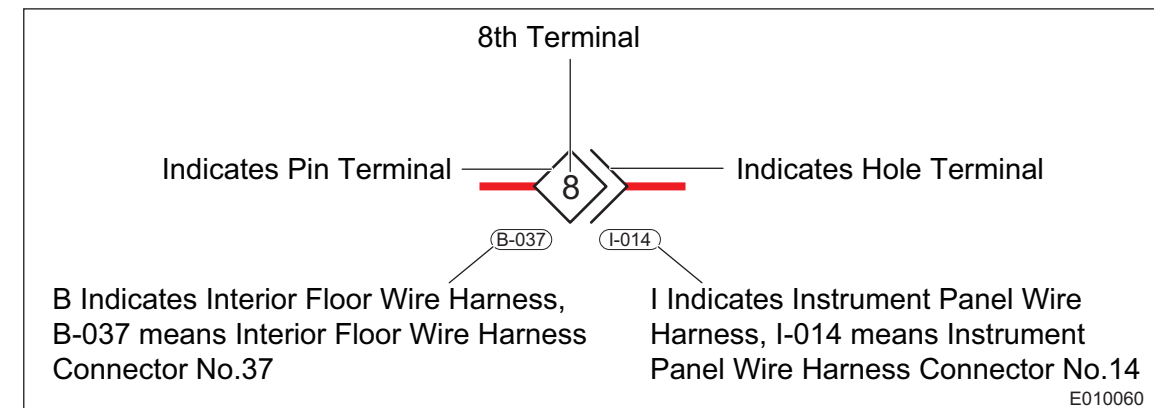
(2) Explanation for pin and hole terminal of connector

Connector pin side: connector side with pin is defined as pin side, also called male side.
 Connector hole side: connector side with hole is defined as hole side also called female side.

Pin and hole are defined as the following figures:



(3) Explanation for terminal of connector connecting wire harness and wire harness in wiring diagram

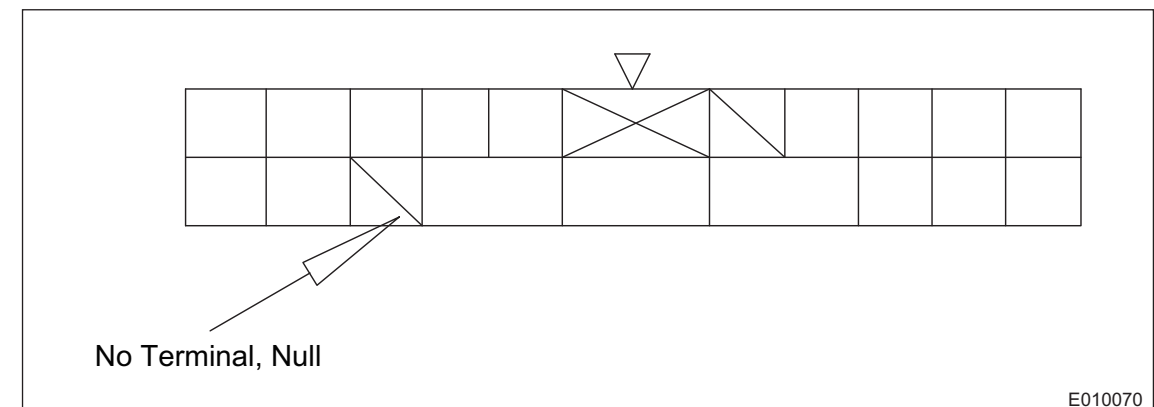


Connector letter code:

- | | |
|------------------------------|---------------------------------|
| E=Engine wire harness | I=Meter wire harness |
| B=Interior wire harness | F=Front door wire harness LH |
| H=Front door wire harness RH | L=Rear door wire harness LH |
| R=Rear door wire harness RH | P=Battery positive wire harness |
| N=Ground wire harness | K=A/C wire harness |
| J=Rear bumper wire harness | Q=Front bumper wire harness |
| T=Back door wire harness | |

(4) Representation for connector with no terminal in wire harness diagram

Some terminals in a wire harness connector with no pin (male) or hole (female), i.e. empty, is represented by "--" or "\".

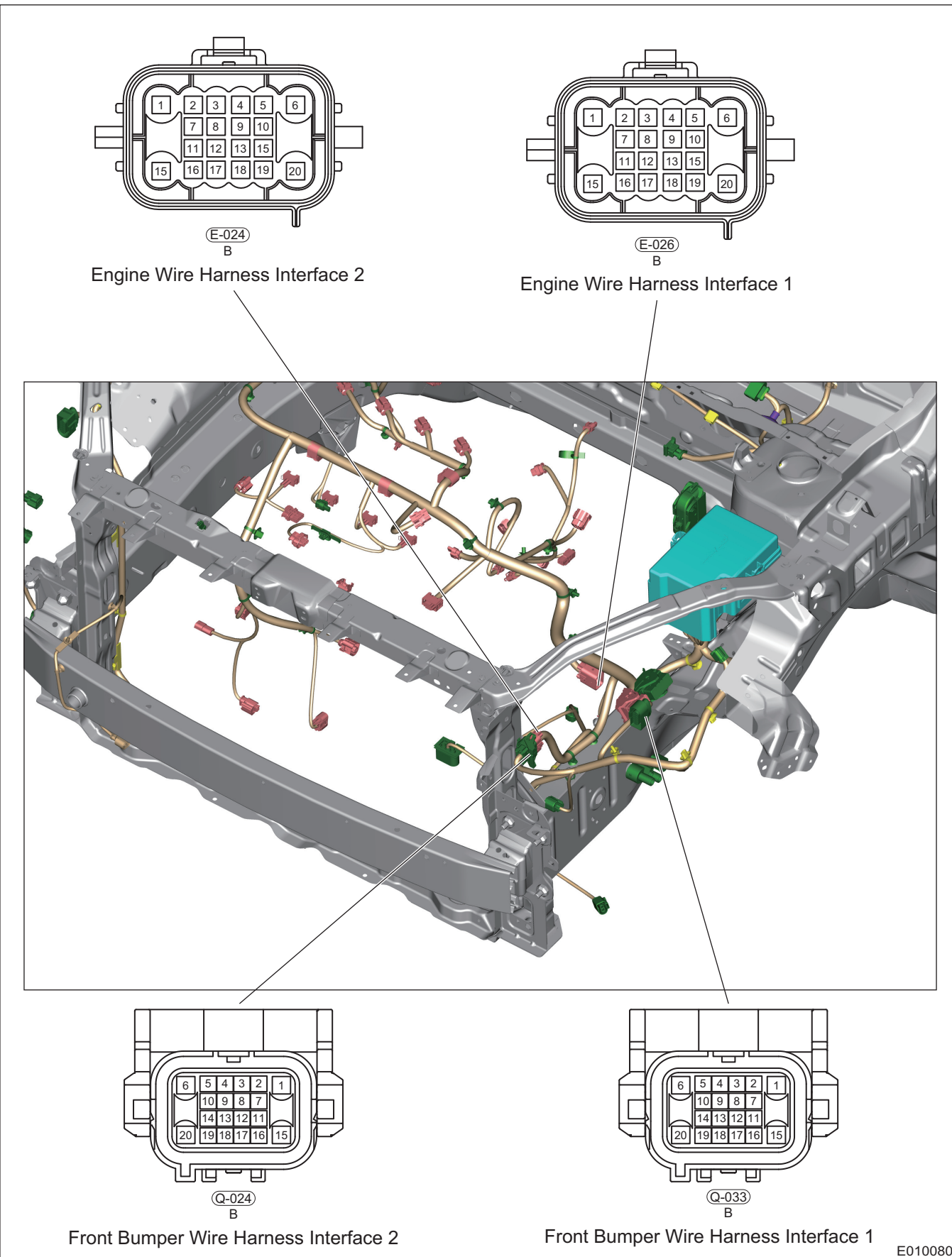


"With or without a terminal" differs according to vehicle configuration. Not all information on this is available in this manual, therefore, terminal views of connectors in wire harness diagrams are for reference only.

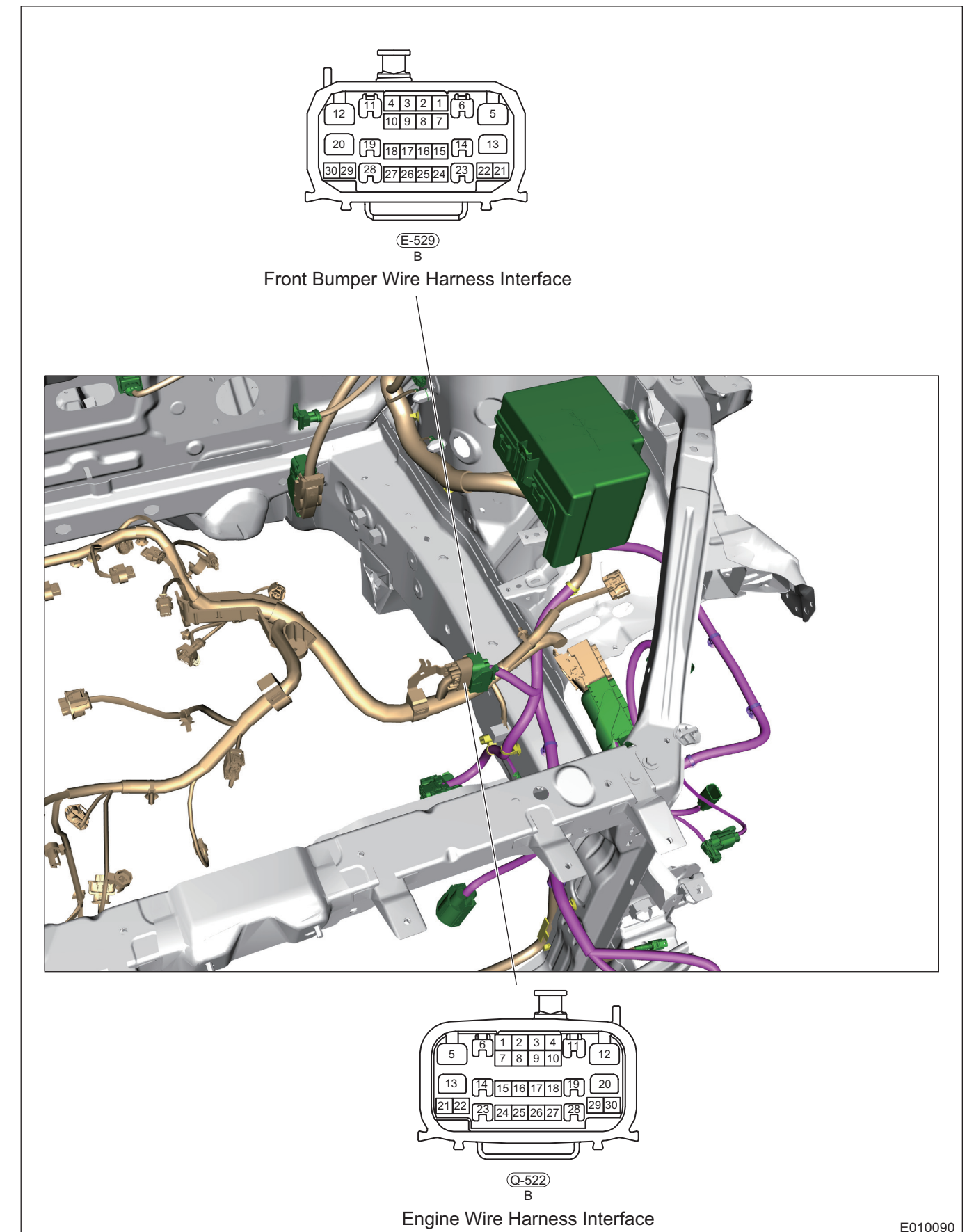
CHAPTER 1, DIAGRAM EXPLANATION

3.2, Wire Harness Connector Definition and Location in Real Vehicle

3.2.1, 1.5T Engine Wire Harness to Front Bumper Wire Harness Connector

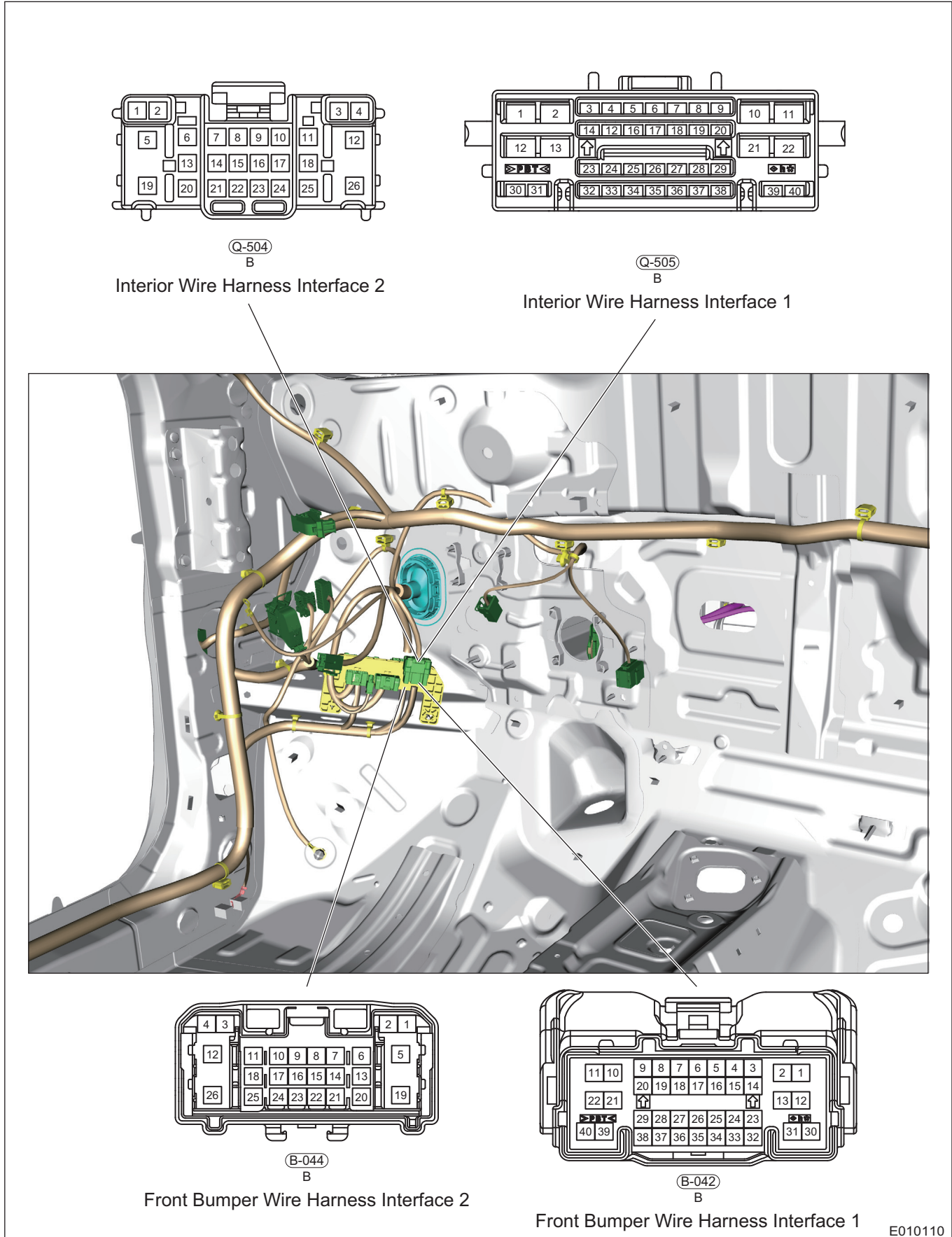
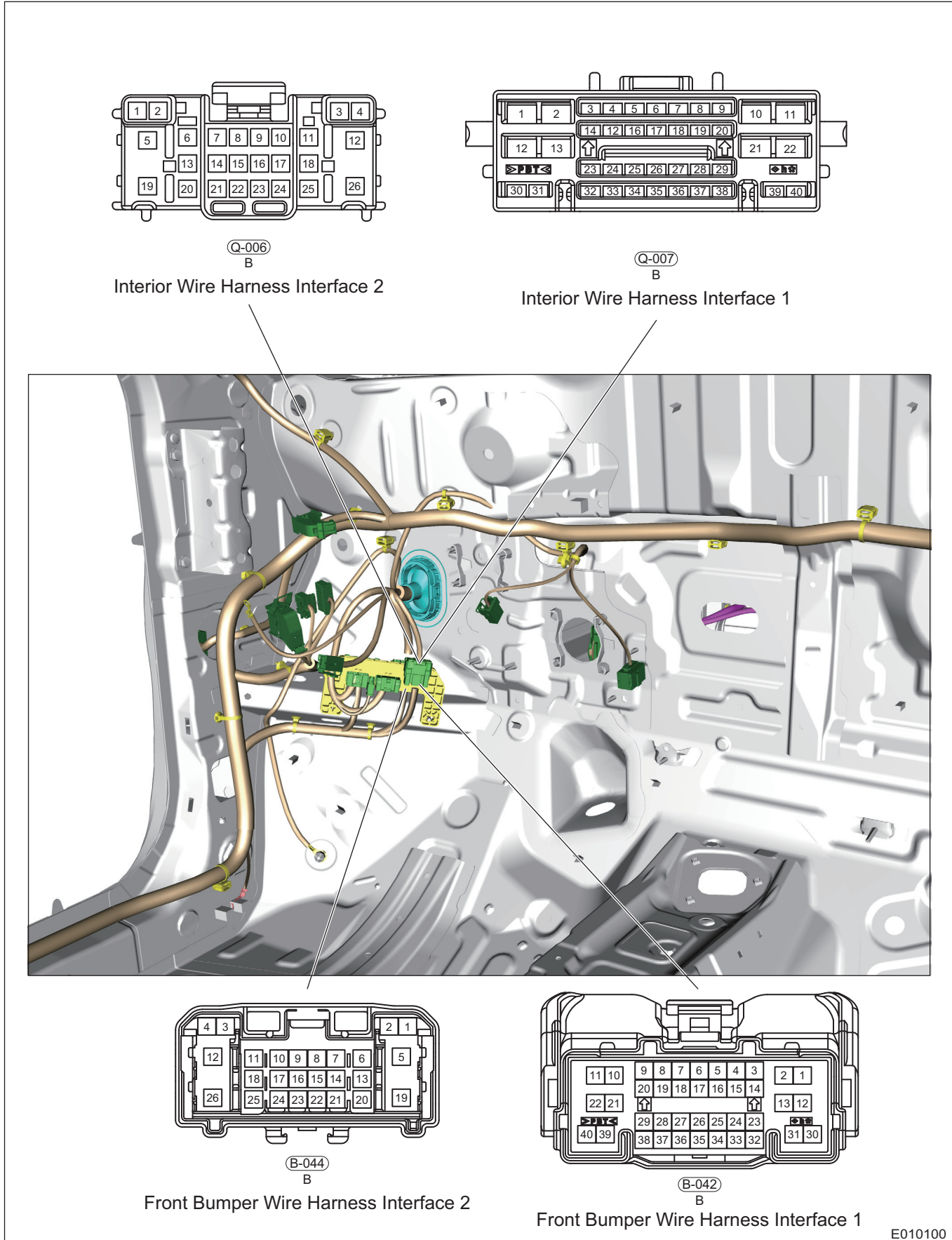


3.2.2, 1.6T Engine Wire Harness to Front Bumper Wire Harness Connector



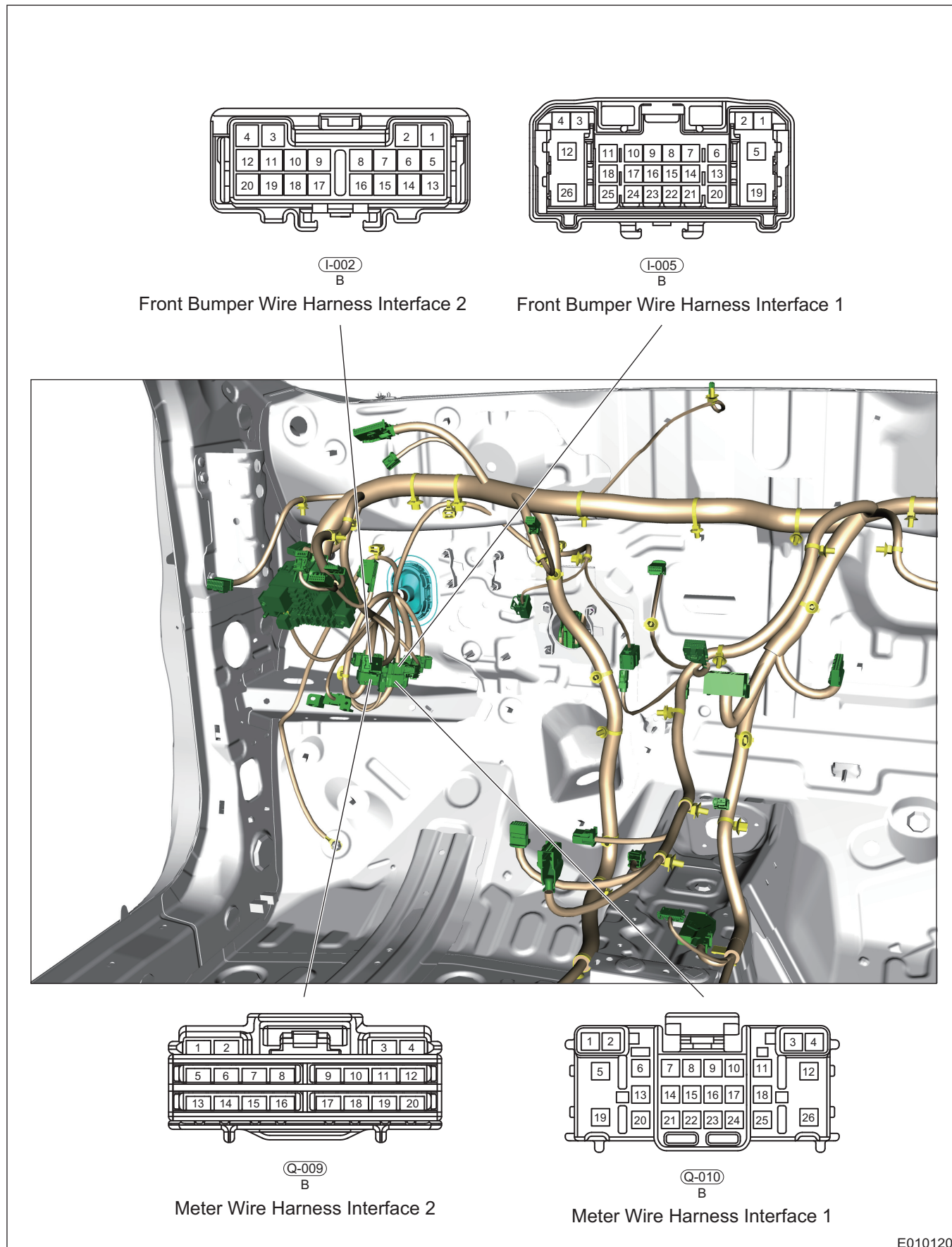
3.2.3, 1.5T Front Bumper Wire Harness to Interior Wire Harness Connector

3.2.4, 1.6T Front Bumper Wire Harness to Interior Wire Harness Connector

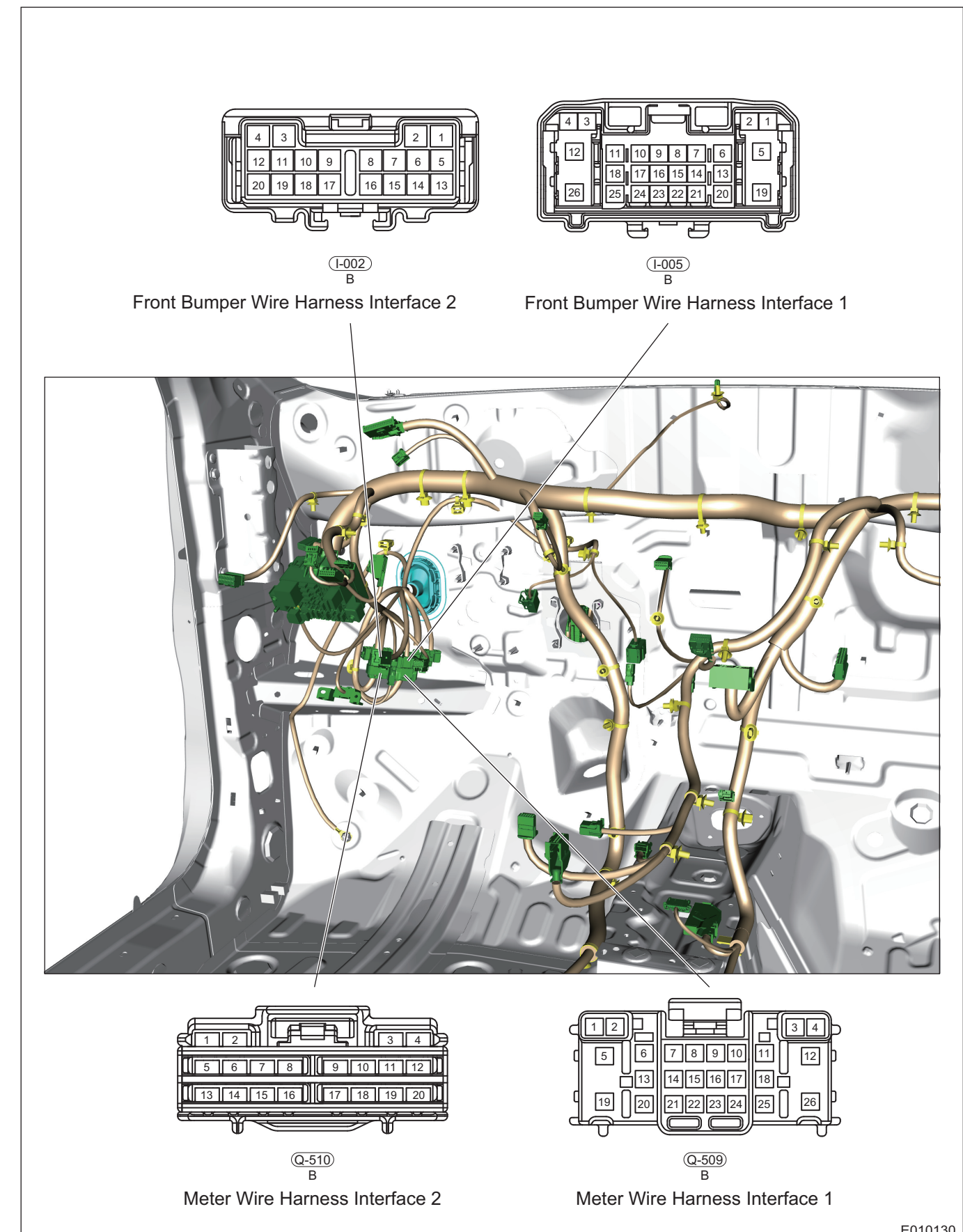


3.2.5, 1.5T Front Bumper Wire Harness to Meter Wire Harness Connector

3.2.6, 1.6T Front Bumper Wire Harness to Meter Wire Harness Connector

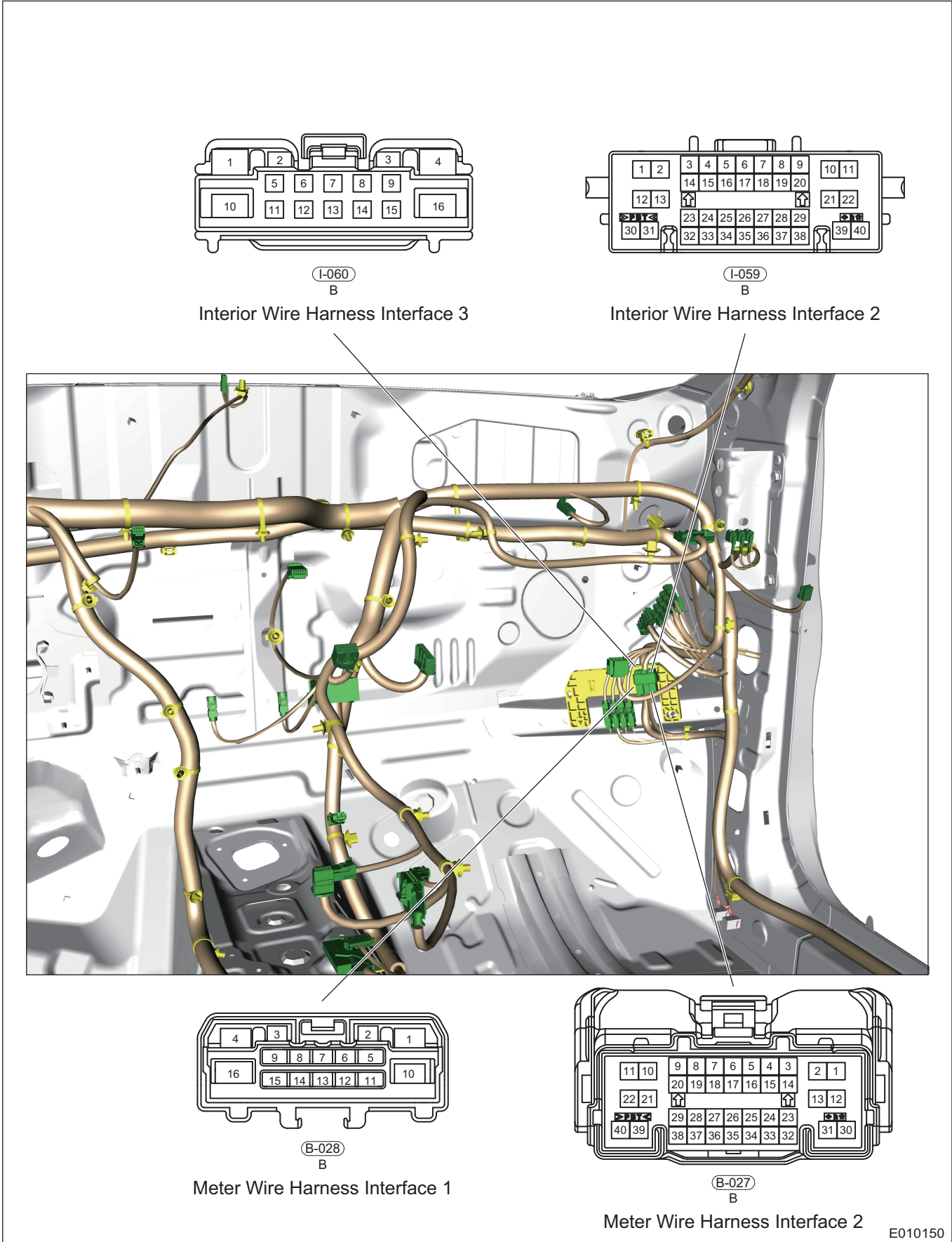
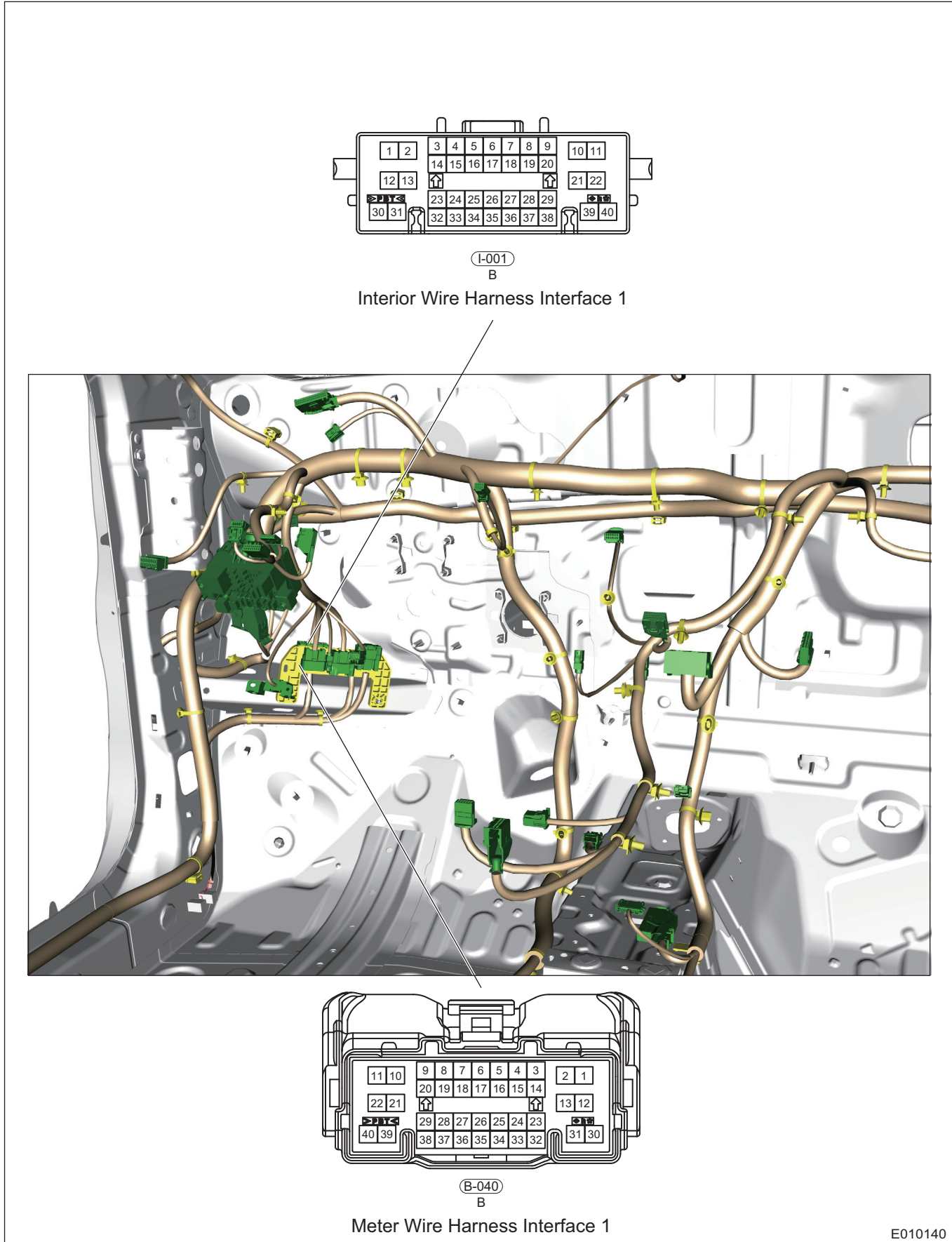


E010120



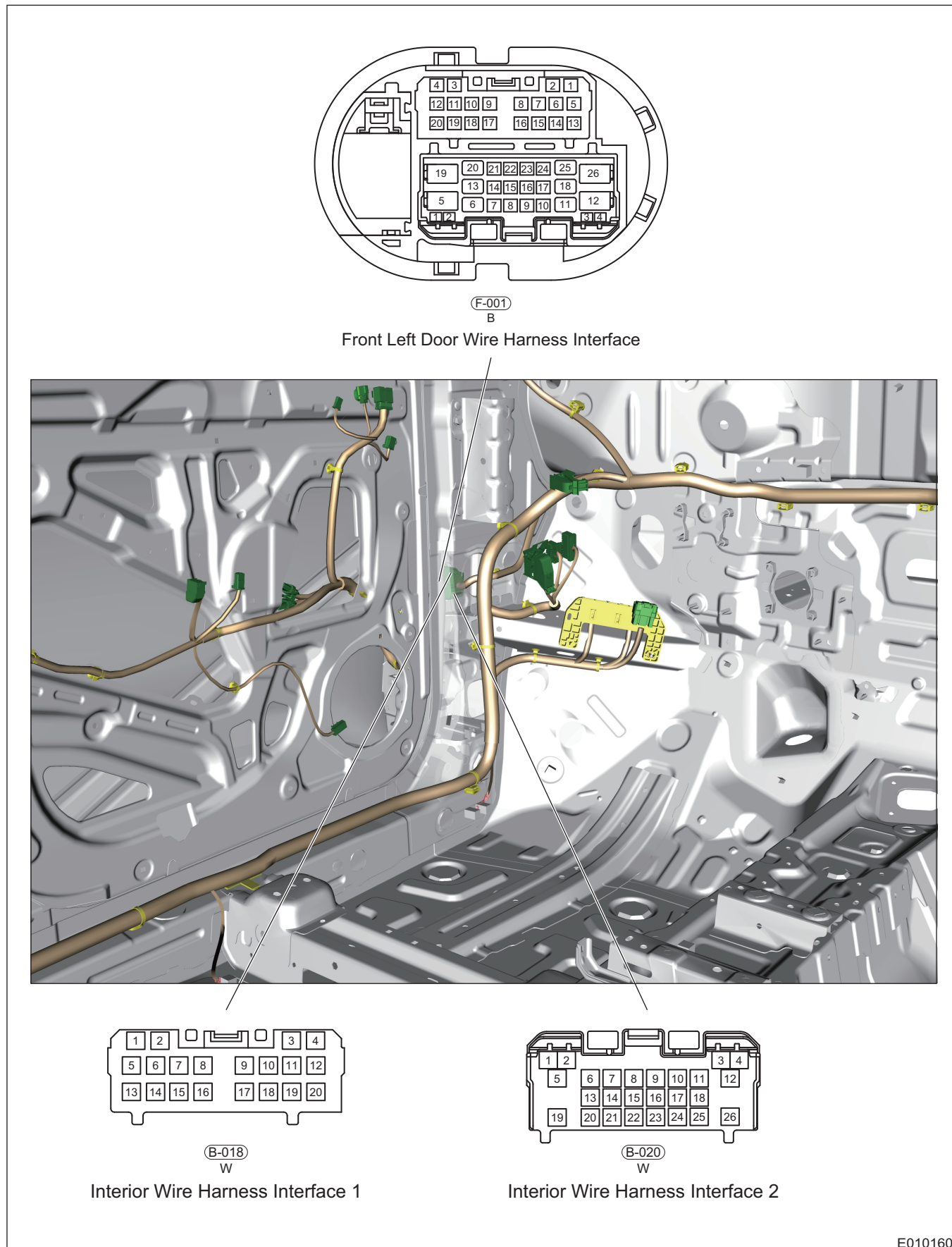
E010130

3.2.7, Interior Wire Harness to Meter Wire Harness Connector

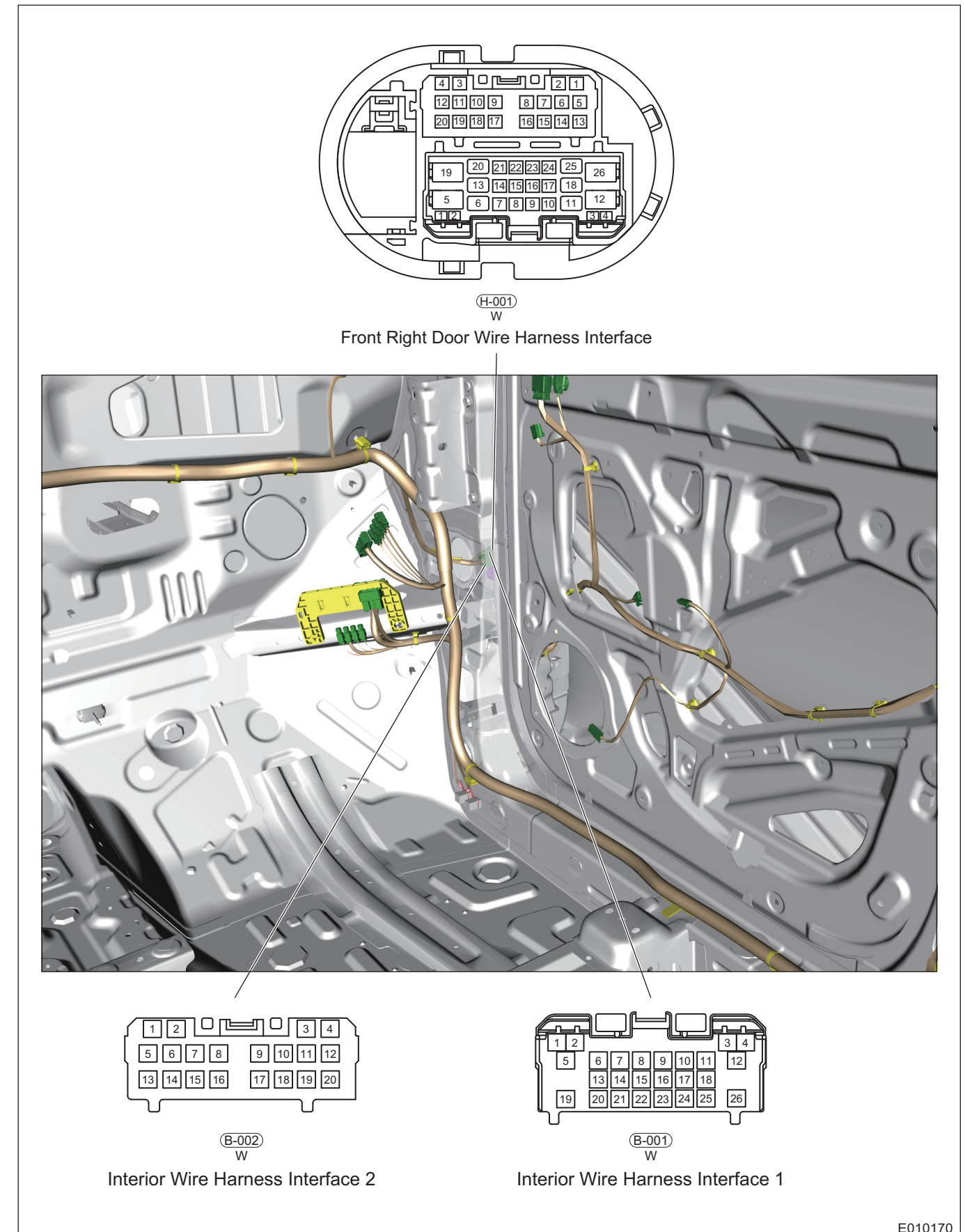


3.2.8, Interior Wire Harness to Front Left Door Wire Harness Connector

3.2.9, Interior Wire Harness to Front Right Door Wire Harness Connector



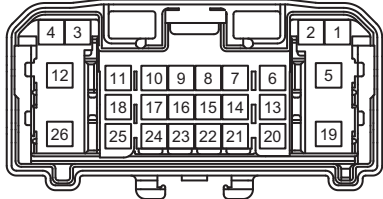
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E010170

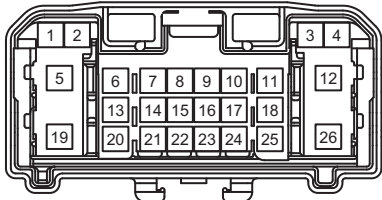
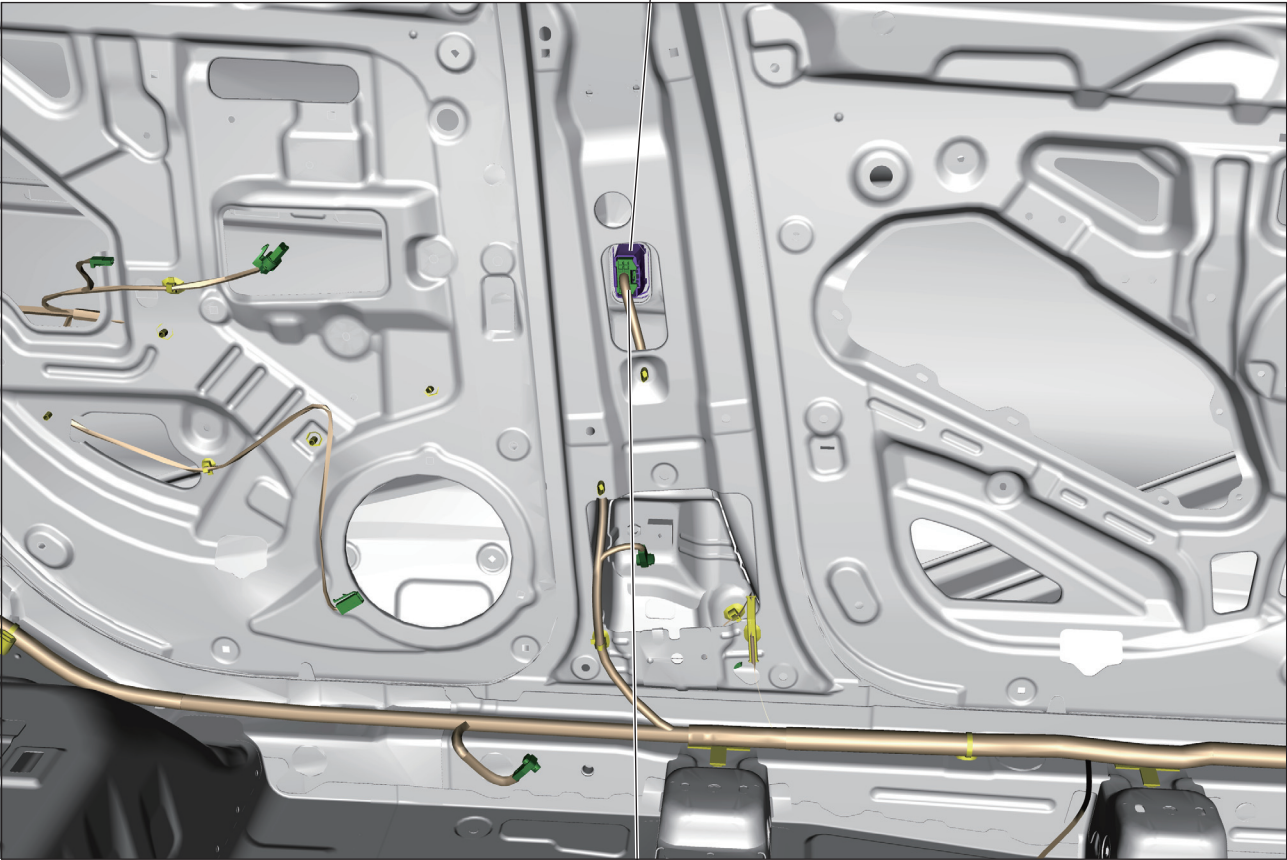
3.2.10, Interior Wire Harness to Rear Left Door Wire Harness Connector

3.2.11, Interior Wire Harness to Rear Right Door Wire Harness Connector



(L-001)
W

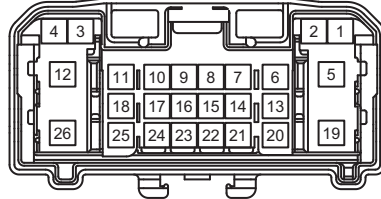
Interior Wire Harness Interface



(B-055)
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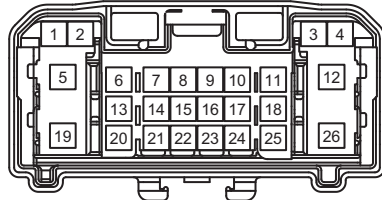
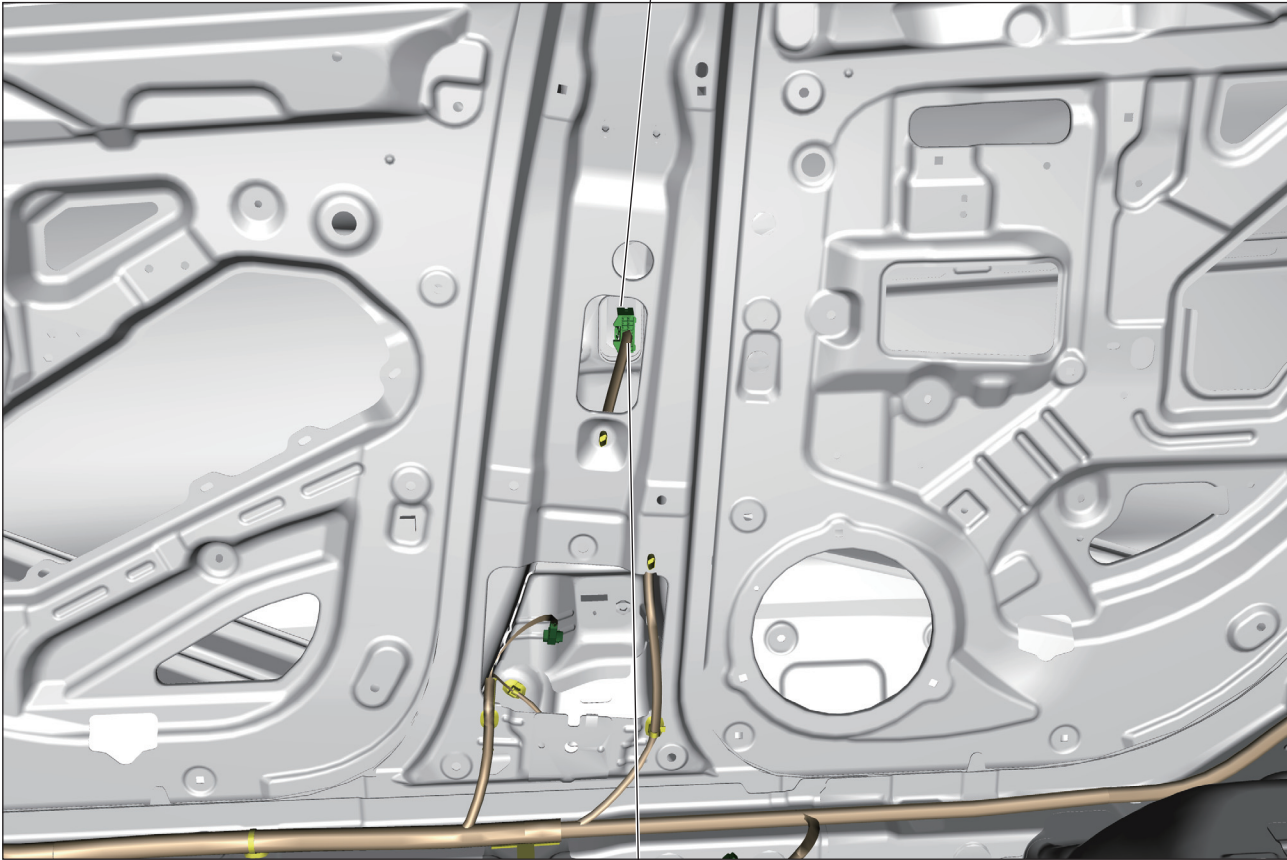
Rear Left Door Wire Harness Interface

E010180



(R-001)
B

Interior Wire Harness Interface



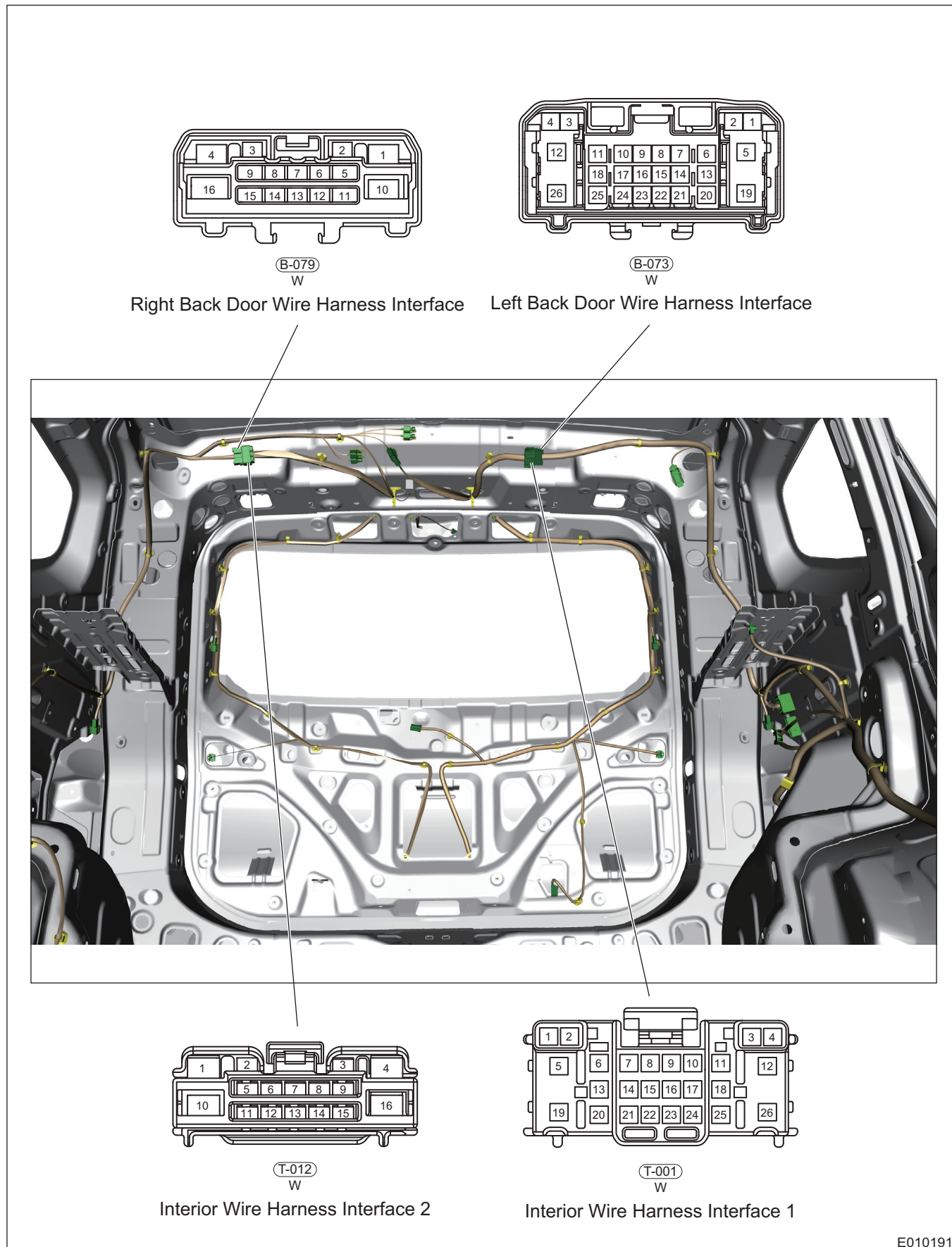
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B

Rear Right Door Wire Harness Interface

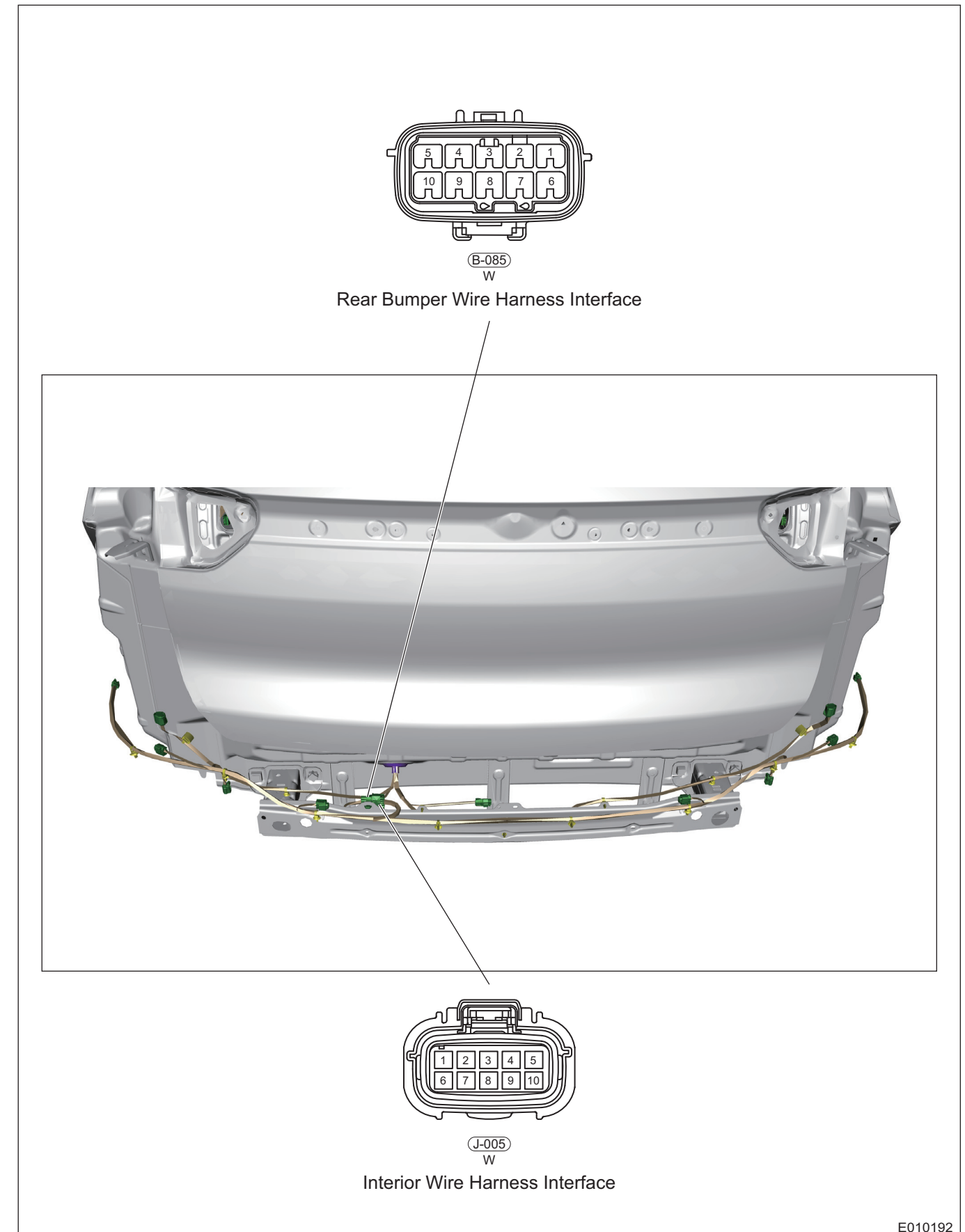
E010190

3.2.12, Interior Wire Harness to Back Door Wire Harness Connector

3.2.13, Interior Wire Harness to Rear Bumper Wire Harness Connector



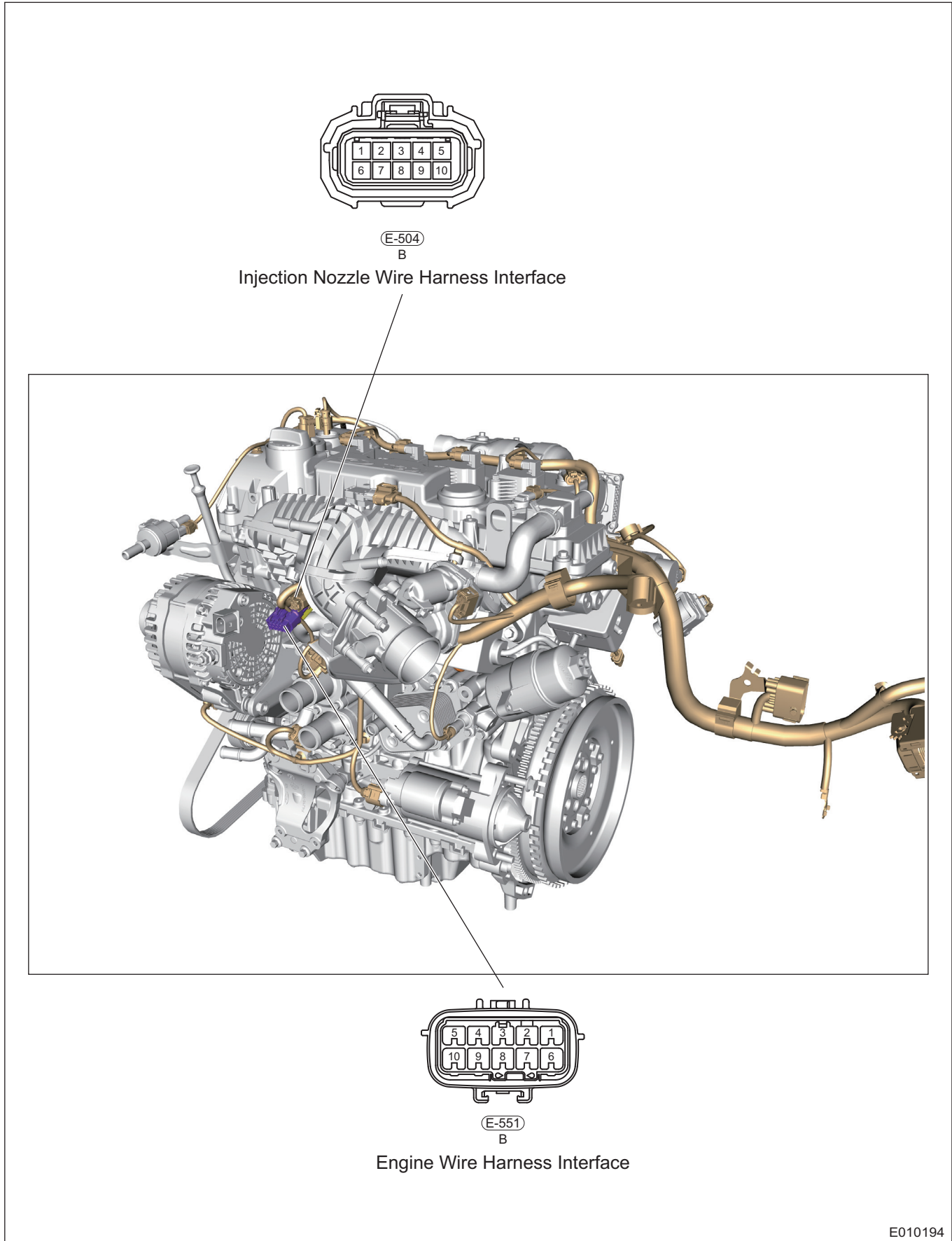
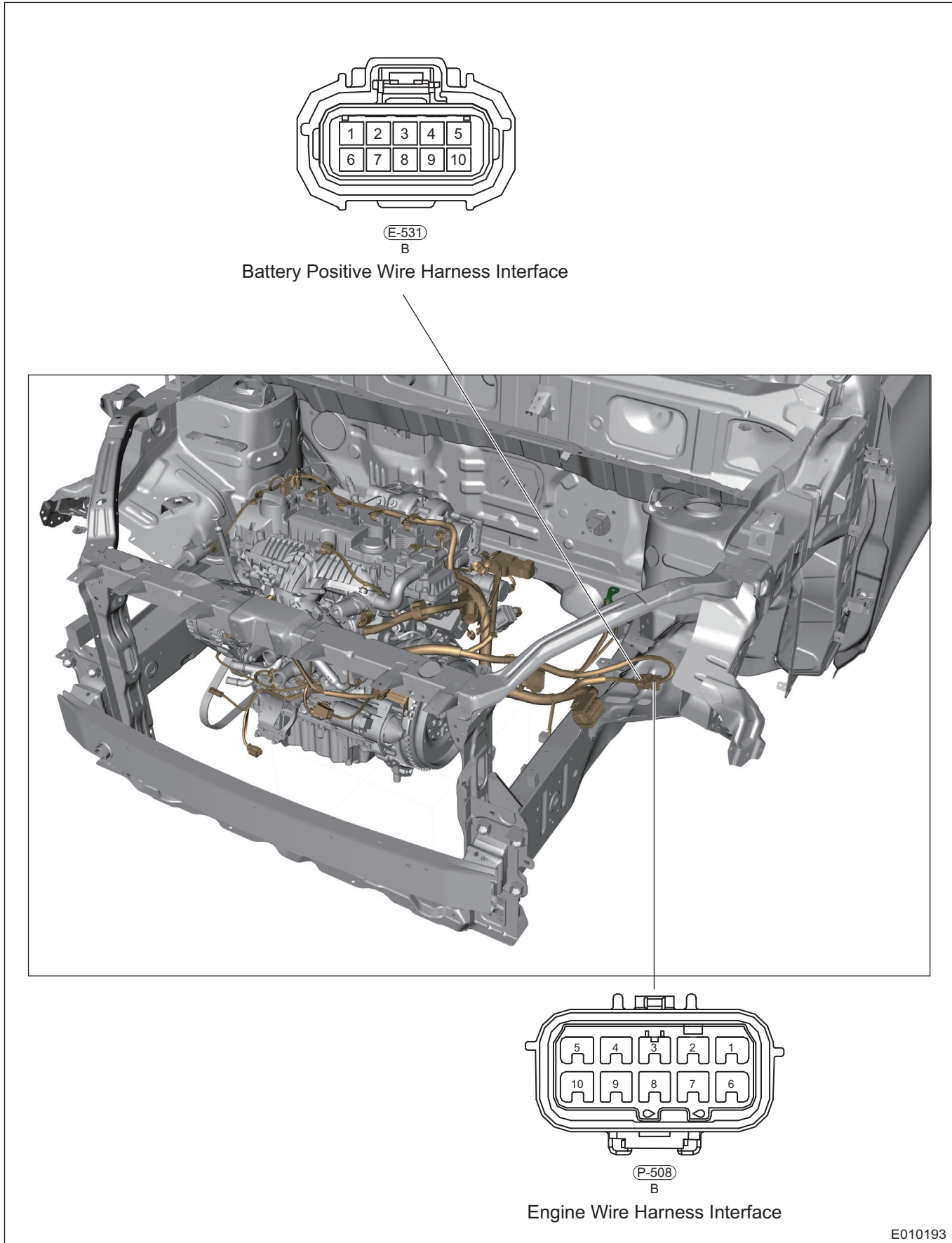
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E010192

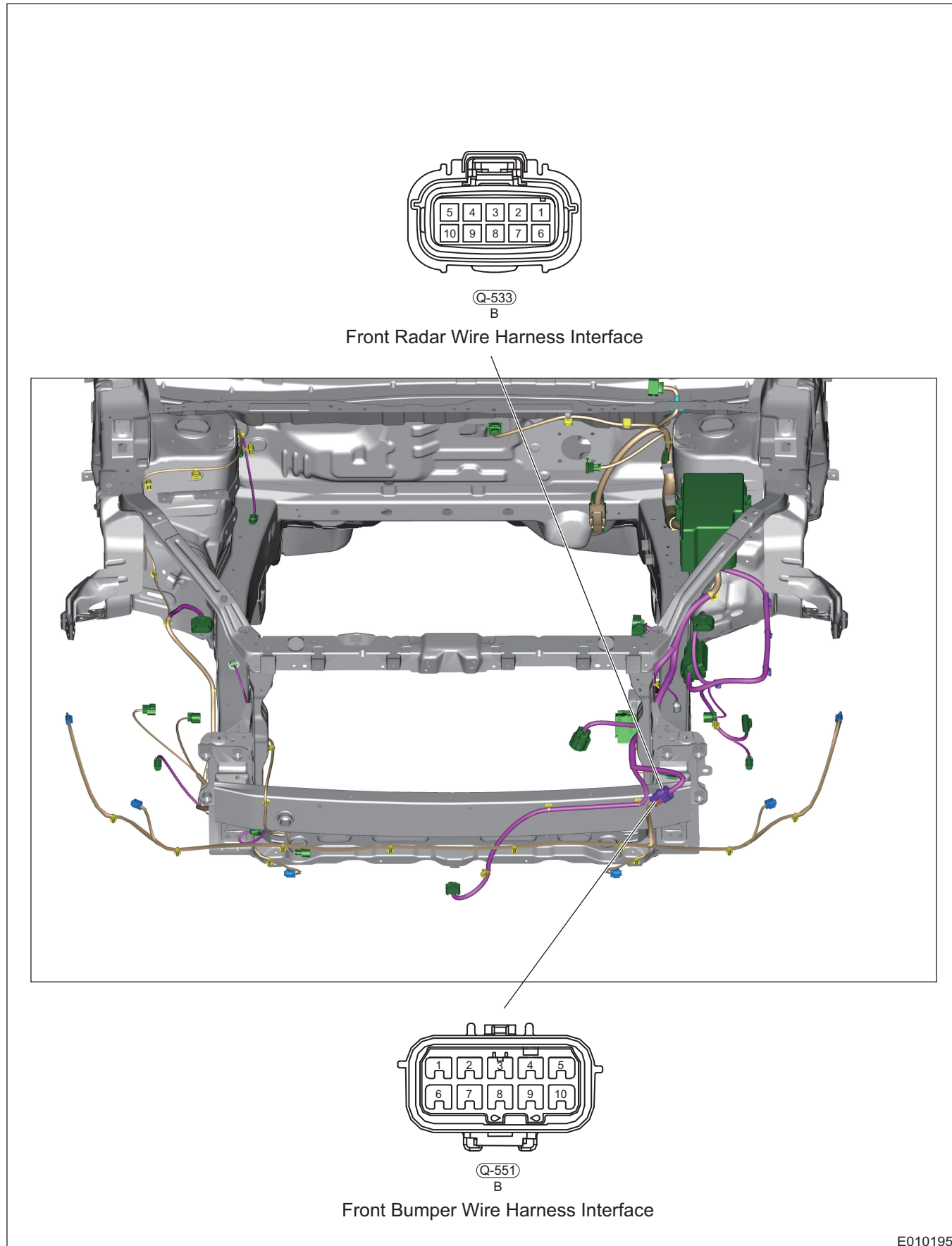
3.2.14, Engine Wire Harness to Battery Positive Wire Harness Connector

3.2.15, Engine Wire Harness to Injection Nozzle Wire Harness Connector

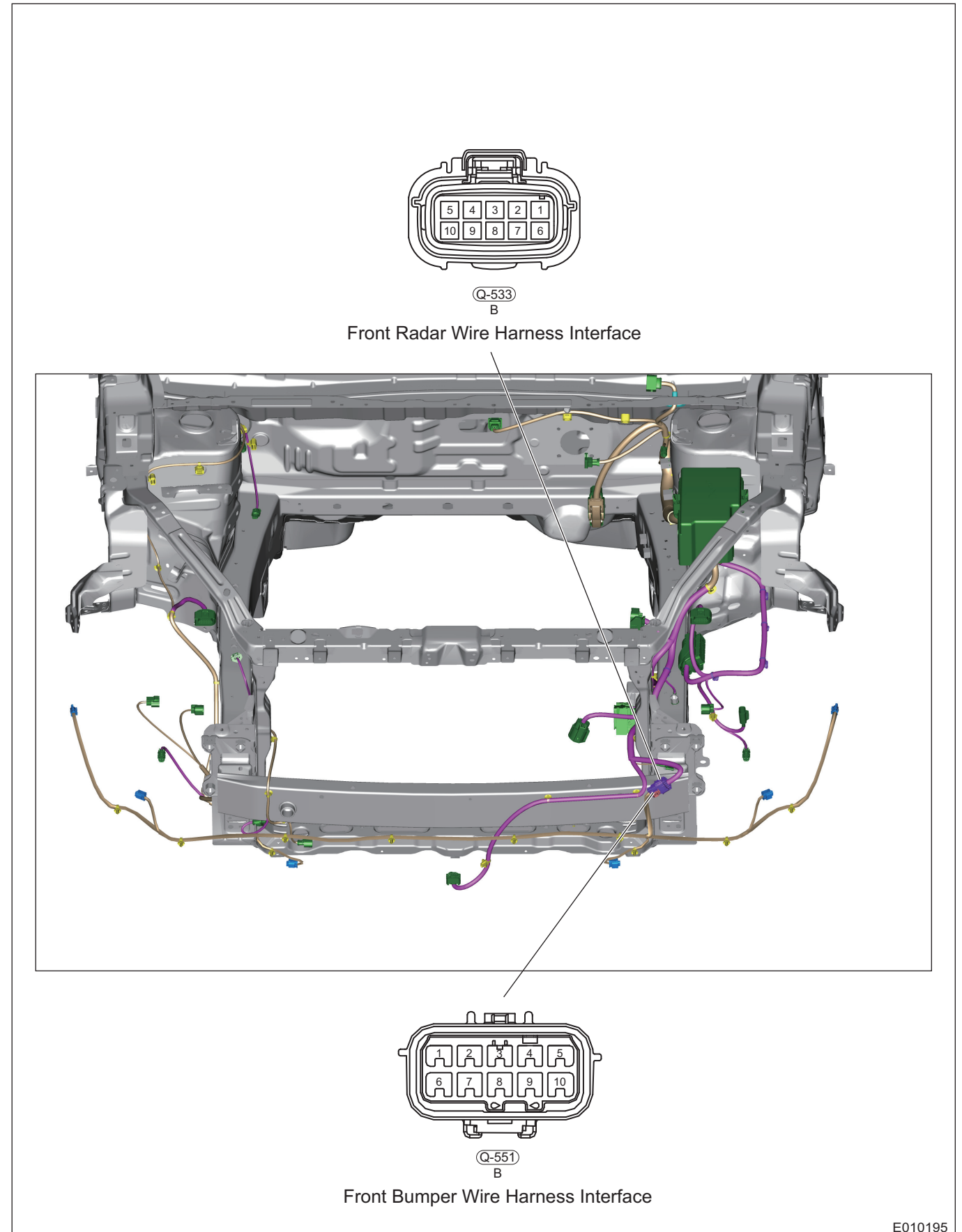


3.2.16, Meter Wire Harness to A/C Wire Harness Connector

3.2.17, 1.6T Front Bumper Wire Harness to Front Radar Wire Harness Connector



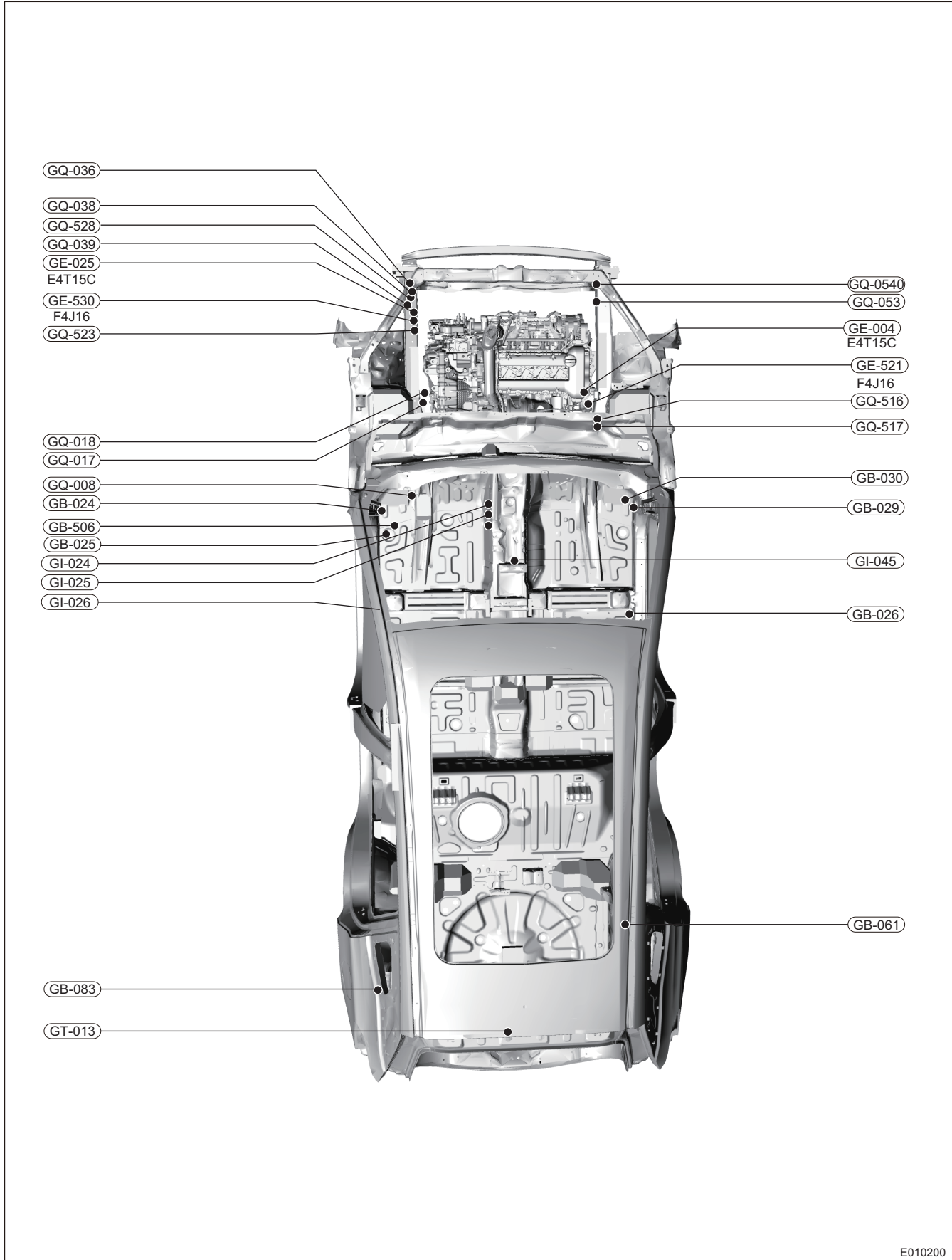
E010195



E010195

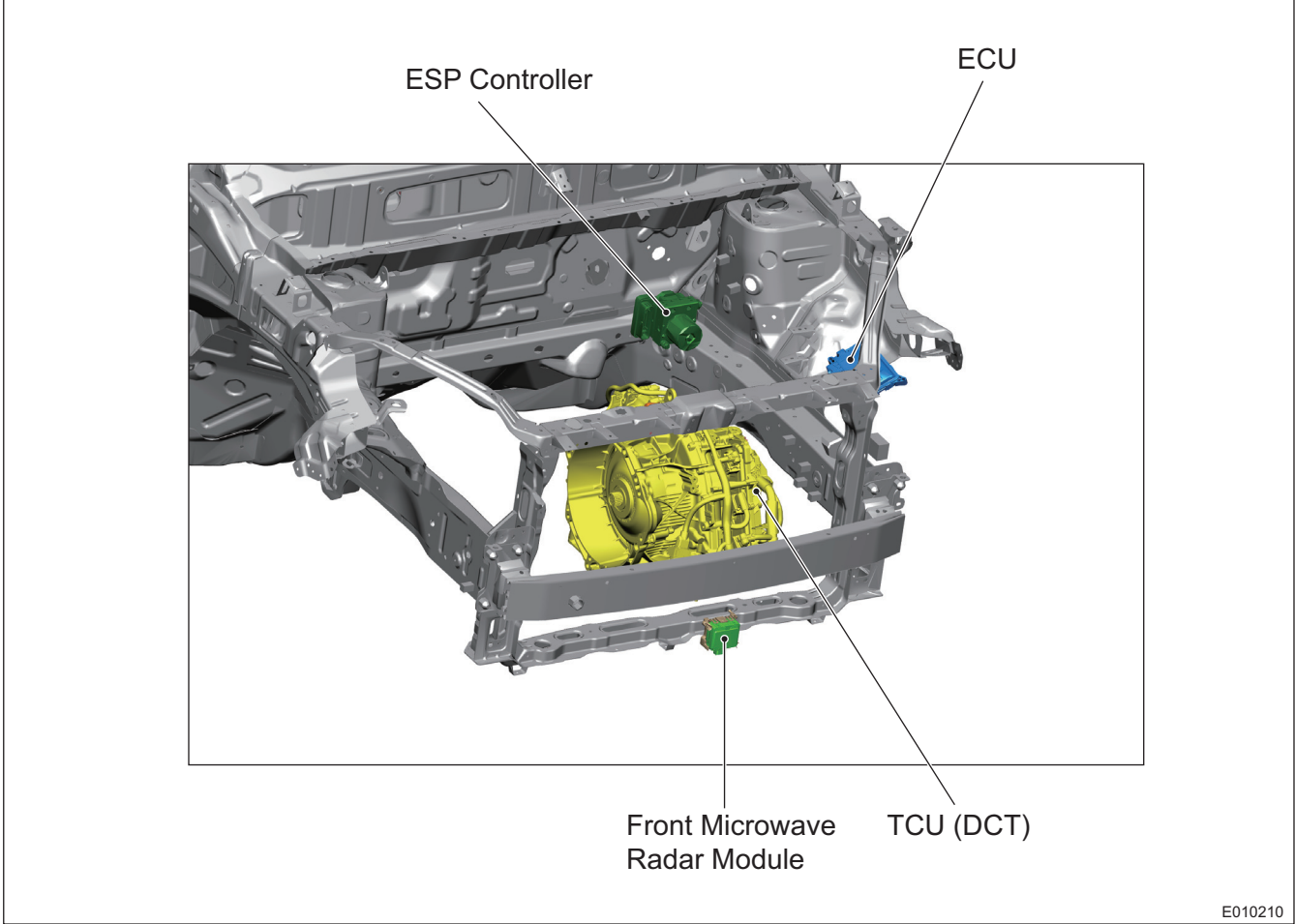
(4), Module Position and Ground Point Definition

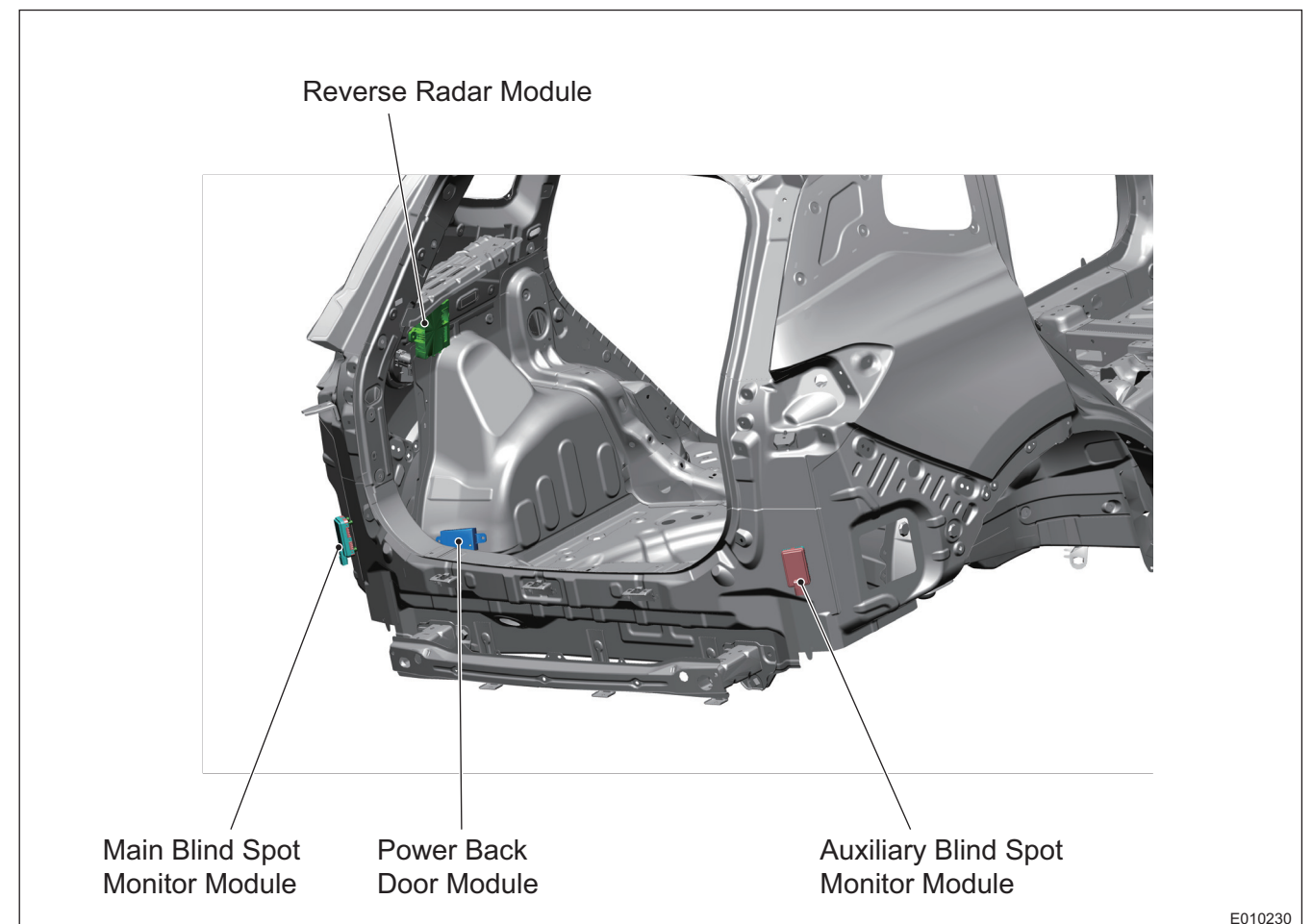
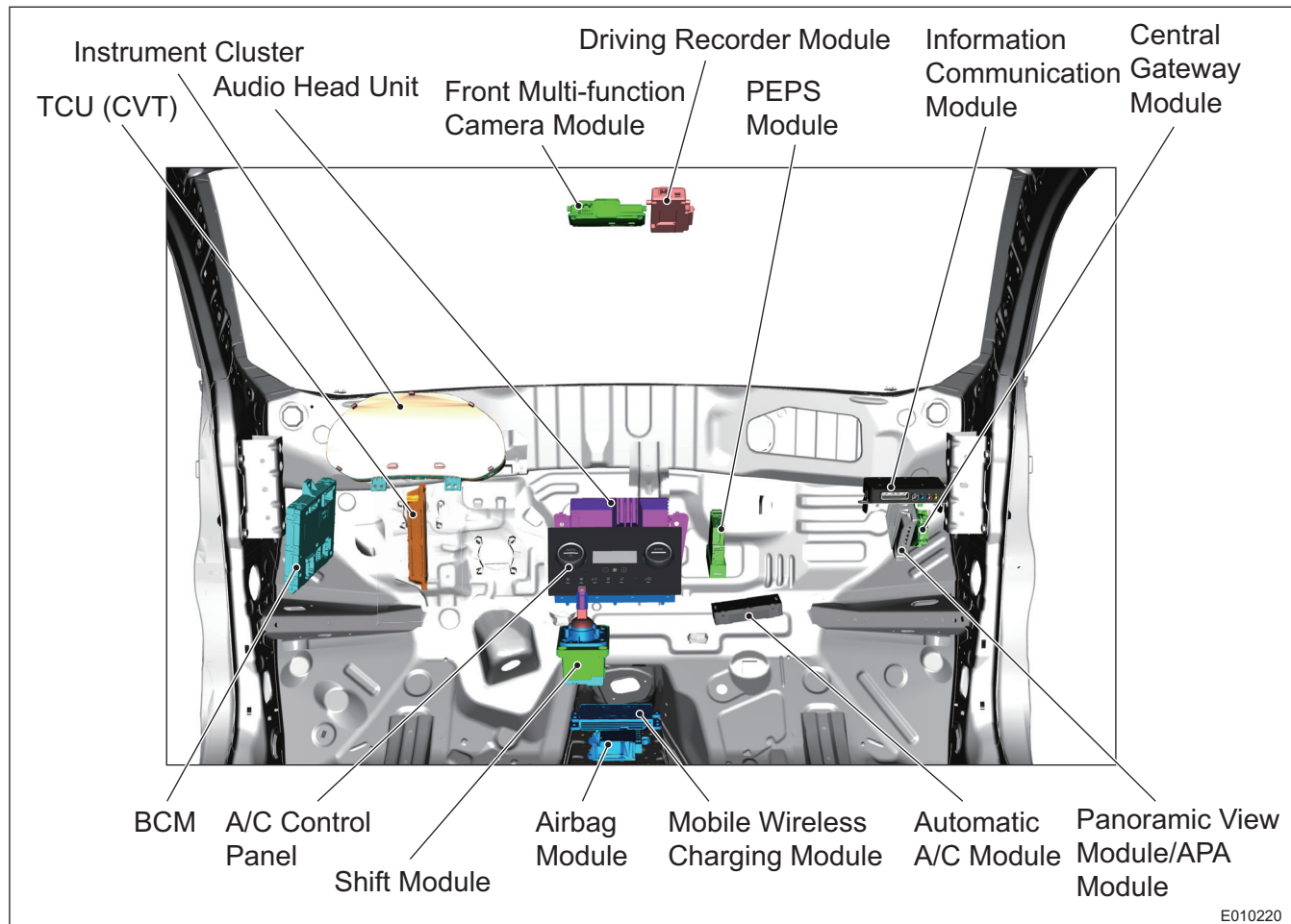
4.1, Ground Points Layout



4.2, Main Module Layout and Module Terminal Definition

4.2.1, Main Module Layout





4.2.2, ECU (E4T15C) Module Terminal Definition

PIN	Description	PIN	Description	PIN	Description	PIN	Description
1	CAN Bus 1 High	18	-	35	Ignition Switch	52	-
2	Front Oxygen Sensor Feedback Voltage	19	5V Power Source 1	36	Electronic Accelerator Pedal Sensor 2 Ground	53	A/C High/Low Pressure Switch
3	-	20	Power Source	37	5V Power Source of Electronic Accelerator Pedal Sensor 1	54	Vacuum Pump Relay
4	-	21	Rear Oxygen Sensor Signal	38	-	55	-
5	Main Relay	22	Desorption Pressure Sensor Signal	39	-	56	Fan Control Low Speed
6	Clutch Switch	23	Brake Switch	40	-	57	-
7	Electronic Accelerator Pedal Sensor 1 Ground	24	Medium Pressure Switch	41	Oil Pump relay	58	Starter Control
8	-	25	Brake Light Switch	42	A/C Compressor Relay	59	Electronic Accelerator Pedal Sensor 2 Ground
9	Cruise Control	26	-	43	Rear Oxygen Sensor Ground	60	Second Water Temperature Sensor Signal
10	High/Low Pressure Switch	27	-	44	Clutch Bottom Switch	61	-
11	Front Oxygen Sensor Virtual Ground Voltage	28	Front Oxygen Sensor Correction Resistance	45	Electronic Accelerator Pedal Sensor 1	62	Boost Pressure Sensor 2

PIN	Description	PIN	Description	PIN	Description	PIN	Description
12	Absolute Brake Vacuum Sensor Pressure Signal	29	-	46	Boost Pressure Sensor Signal 1	63	ECU Ground/
13	Third Water Temperature Sensor Signal	30	Electronic Accelerator Pedal Sensor	47	Analog Ground	64	ECU Ground 1
14	Front Oxygen Sensor Control Signal	31	Exhaust Bypass Valve Motor +	48	Rear Oxygen Sensor Heating	65	-
15	Power Source	32	Exhaust Bypass Valve Motor -	49	-	66	Canister Close Valve
16	Power Source	33	-	50	-	67	Cylinder 2 Injection Nozzle
17	CAN Bus 1 Low	34	-	51	Fan Control High Speed	68	Cylinder 1 Injection Nozzle

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ECU (E4T15C) Module Terminal Definition (continued)

PIN	Description	PIN	Description	PIN	Description	PIN	Description
69	Variable Camshaft Timing Valve (Exhaust)	80	Front Oxygen Sensor Ground	91	Intake Pressure Sensor Signal	102	Intake Temperature Sensor Signal
70	Variable Intake Valve	81	Ignition Coil 1	92	Electronic Water Pump 1	103	Tank Pressure Sensor
71	Variable Camshaft Timing Valve (Intake)	82	Ignition Coil 3	93	Intake Phase Sensor Signal	104	Upstream Oxygen Sensor Signal
72	Cylinder 3 Injection Nozzle	83	Ignition Coil 4	94	Canister Control Valve	105	Exhaust Side Phase Sensor Signal
73	Ignition Coil 2	84	Analog Ground	95	Sensor Ground	106	Electronic Water Pump 2
74	Cylinder 4 Injection Nozzle	85	Intake Pressure Sensor Ground	96	Engine Speed Sensor Input	107	5 V Power Source of Throttle
75	Throttle Actuator (+)	86	Throttle Ground	97	Engine Speed Sensor Ground	108	Engine Speed Power Source
76	Front Oxygen Sensor Heating	87	Immobilizer Input	98	+5V Power Source 1	109	5 V Power Source of Intake Pressure Sensor
77	Throttle Position Sensor 1	88	Electronic Thermostat	99	Throttle Actuator Motor +	110	-
78	Throttle Position Sensor 2	89	Knock Sensor B	100	Throttle Actuator Motor -	111	ECU Ground 4
79	Exhaust Bypass Valve Sensor Signal	90	Knock Sensor A	101	Engine Coolant Sensor	112	ECU Ground 3

4.2.3, ECU-A (F4J16) Module Terminal Definition

PIN	Description	PIN	Description
A1	Electronic Throttle Control +	A31	The 1st Cylinder Injection +
A2	Electronic Throttle Control -	A32	The 4th Cylinder Injection +
A3	(MSV5) Oil Pressure Control Valve -	A33	The 1st Cylinder Injection -
A4	(MSV5) Oil Pressure Control Valve +	A34	The 3rd Cylinder Injection -
A5	Variable Valve Timing Valve (Exhaust)	A35	Electronic Exhaust Valve Control +
A6	ECU Shielding Ground	A36	-
A7	5V Power Source	A37	The 1st Cylinder Ignition
A8	5V Power Source	A38	The 3rd Cylinder Ignition
A9	Sensor Ground	A39	The 4th Cylinder Ignition
A10	Knock Sensor (-)	A40	The 2nd Cylinder Ignition
A11	-	A41	Throttle Position Sensor 2
A12	Intake Pressure Sensor	A42	-
A13	Electronic Exhaust Valve Position Signal	A43	Coolant Temperature Sensor Ground
A14	Fuel Rail Pressure Sensor	A44	5V Power Source
A15	-	A45	-
A16	Variable Oil Pump	A46	The 3rd Cylinder Injection +
A17	-	A47	The 2nd Cylinder Injection +
A18	Canister Control Valve	A48	The 4th Cylinder Injection -
A19	ERCV Relief Control Valve	A49	The 2nd Cylinder Injection -
A20	Variable Valve Timing Valve (Intake)	A50	Electronic Exhaust Valve Control -
A21	-	A51	Sensor Ground
A22	-	A52	-
A23	Engine Speed Sensor (Hall Type)	A53	Phase Sensor (Intake) Signal
A24	Throttle Position Sensor 1	A54	Phase Sensor (Exhaust) Signal
A25	Knock Sensor (+)	A55	-
A26	Sensor Ground	A56	Mass Air Flow Meter

A27	5V Power Source	A57	Water Temperature Sensor
A28	Sensor Ground	A58	Mass Air Flow Signal (HFM7)
A29	-	A59	Mass Air Flow Meter
A30	-	A60	-

ECU-K (F4J16) Module Terminal Definition

PIN	Description	PIN	Description
K1	ECU Ground 1	K48	Low Pressure Fuel Rail Pressure Sensor
K2	ECU Ground 2	K49	Fan Relay 2 (High Speed)
K3	Main Relay Power Source 1	K50	A/C Compressor Relay
K4	ECU Ground 3	K51	-
K5	Main Relay Power Source 2	K52	Pedal 5V Power Source 2
K6	Main Relay Power Source 3	K53	-
K7	Upstream Oxygen Heating	K54	-
K8	Electronic Water Pump Controller	K55	-
K9	-	K56	Mass Air Flow Meter
K10	A/C Pressure Sensor	K57	Canister Close Valve
K11	Sensor Ground	K58	5V Power Source
K12	Cruise Signal	K59	5V Power Source
K13	Brake Vacuum Sensor	K60	Immobilizer Input
K14	Switch Type Water Pump	K61	Accelerator Pedal Position Sensor 2
K15	Fuel Control Enable Signal	K62	Downstream Oxygen Sensor
K16	Electronic Thermostat	A63	Boost Pressure Sensor
K17	5V Power Source	K64	Boost Pressure Temperature Sensor
K18	-	K65	LIN Bus Interface
K19	Brake Light Switch	K66	-
K20	-	K67	-
K21	Sensor Ground	K68	-
K22	-	K69	Main Relay

K23	-	K70	-
K24	Brake Switch	K71	Sensor Ground
K25	-	K72	-
K26	Vacuum Pump Relay	K73	-
K27	-	K74	Canister Desorption Pressure Sensor
K28	-	K75	-
K29	Downstream Oxygen Sensor Heater	K76	Upstream Oxygen VM
K30	Continuous Power Source	K77	Upstream Oxygen UN
K31	-	K78	Upstream Oxygen IA
K32	-	K79	Upstream Oxygen IP
K33	-	K80	Pedal 1 Ground
K34	Oxygen Sensor Ground	K81	Pedal 2 Ground
K35	-	K82	Pedal 5V Power Source 1
K36	-	K83	Accelerator Pedal Position Sensor 1
K37	Tank Pressure Sensor	K84	-
K38	-	K85	-
K39	-	K86	-
K40	-	K87	Ignition Switch
K41	-	K88	-
K42	-	K89	-
K43	-	K90	-
K44	CAN Low For Refreshing And Body	K91	-
K45	CAN High For Refreshing And Body	K92	-
K46	-	K93	-
K47	-	K94	-

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4.2.4, ESP (EPB) Module Terminal Definition

PIN	Description	PIN	Description
1	Motor Power Source End (Positive)	24	Front Left Wheel Speed Sensor Power Source
2	Right Caliper Motor Power Source	25	-
3	Right Caliper Motor Ground	26	Front Right Wheel Speed Sensor Signal
4	-	27	-
5	CAN1P (CAN HIGH)	28	-
6	-	29	-
7	Front Left Wheel Speed Sensor Signal	30	Valve Relay Power Source
8	AVH Switch Indicator	31	EPB Switch
9	-	32	EPB Switch
10	HDC Switch Indicator	33	-
11	-	34	Front Right Wheel Speed Output
12	Left Caliper Motor Ground	35	-
13	Left Caliper Motor Power Source	36	Ignition
14	Motor Ground	37	Rear Right Wheel Speed Sensor Signal
15	EPB Switch	38	Brake Switch
16	EPB Switch	39	Rear Left Wheel Speed Sensor Power Source
17	HDC Function Switch	40	-
18	EPB Switch Indicator	41	AVH (Auto Hold) Switch
19	CAN1M (CAN LOW)	42	-
20	-	43	EPS OFF Switch
21	Front Right Wheel Speed Sensor Power Source	44	-
22	Rear Right Wheel Speed Sensor Power Source	45	-
23	Rear Left Wheel Speed Sensor Signal	46	ECU Ground

4.2.5, TCU-CVT25 Module Terminal Definition

PIN	Description	PIN	Description
1	Hydraulic Torque Converter/Clutch Control Valve Low Side Control	29	Main Oil Pressure Control Valve Low Side Control
2	Input Pulley Shaft Pressure Control Valve Low Side Control	30	Output Pulley Shaft Pressure Control Valve Low Side Control
3	Clutch Control Valve High Side Control	31	-
4	Hydraulic Torque Converter Control Valve High Side Control	32	Main Oil Pressure Control Valve High Side Control
5	-	33	-
6	Output Pulley Shaft Pressure Control Valve High Side Control	34	Input Pulley Shaft Pressure Control Valve High Side Control
7	Dedicated CAN Low	35	Dedicated CAN High
8	Vehicle CAN Low	36	Vehicle CAN High
9	Turbine/Output Pulley Shaft Speed Sensor Ground	37	Sensor Ground
10	Input Pulley Shaft Speed Sensor Signal	38	Turbine Speed Sensor Signal
11	Input Pulley Shaft Speed Sensor Ground	39	Output Pulley Shaft Speed Sensor Signal
12	Transmission Oil Temperature Sensor Ground	40	-
13	Transmission Oil Temperature Sensor Signal	41	-
14	Input Pulley Shaft Oil Pressure Sensor Signal	42	-
15	Output Pulley Shaft Oil Pressure Sensor Signal	43	-
16	Gear Sensor Signal 1	44	Gear Sensor Signal 2
17	-	45	-
18	-	46	-
19	-	47	-
20	-	48	-

21	Input Pulley Shaft Speed Sensor Power Source	49	-
22	Turbine/Output Pulley Shaft Speed Sensor Power Source	50	-
23	-	51	KL30
24	-	52	KL30
25	-	53	KL30
26	Output Pulley Shaft Oil Pressure Sensor Power Source	54	Sensor Power Source
27	T	55	Ground
28	KL15	56	Ground

4.2.6, TCU-A(7DCT) Module Terminal Definition

PIN	Description	PIN	Description
A1	KL30 Power Source	A29	-
A2	Ground	A30	-
A3	KL30 Power Source	A31	KL15 Power Source
A4	Ground	A32	-
A5	KL30 Power Source	A33	-
A6	Ground	A34	CAN1-H
A7	-	A35	CAN1-L
A8	-	A36	-
A9	-	A37	-
A10	-	A38	-
A11	-	A39	-
A12	-	A40	-
A13	-	A41	-
A14	-	A42	-
A15	-	A43	-
A16	-	A44	-
A17	-	A45	-
A18	KL30 Power Source	A46	-
A19	-	A47	-
A20	-	A48	-
A21	-	A49	-
A22	-	A50	-
A23	-	A51	-
A24	-	A52	-
A25	-	A53	-
A26	-	A54	-
A27	-	A55	-
A28	-	A56	-

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TCU-B (7DCT) Module Terminal Definition

PIN	Description	PIN	Description
B1	Clutch Motor 2 Phase U	B35	-
B2	Clutch Motor 2 Phase V	B36	Temperature Sensor Ground
B3	Clutch Motor 2 Phase W	B37	Pressure Sensor 2 Ground
B4	Clutch Motor 1 Phase U	B38	Pressure Sensor 1 Ground
B5	Clutch Motor 1 Phase V	B39	Output Shaft Speed Sensor Power Supply
B6	Shift Motor 1 Phase U	B40	Input Shaft Speed Sensor 2 Power Supply
B7	Shift Motor 1 Phase V	B41	Input Shaft Speed Sensor 1 Power Supply
B8	Shift Motor 1 Phase W	B42	Cooling Motor Hall Sensor 3 Signal
B9	Shift Motor 2 Phase U	B43	Shift Motor 2 Hall Sensor 3 Signal
B10	Clutch Motor 1 Phase W	B44	Shift Motor 1 Hall Sensor Signal 3
B11	Cooling Motor Phase U	B45	Clutch Motor 2 Hall Sensor 3 Signal
B12	Cooling Motor Phase V	B46	Clutch Motor 1 Hall Sensor 3 Signal
B13	Cooling Motor Phase W	B47	Shift Motor 1 Hall Sensor Power Supply
B14	Shift Motor 2 Phase V	B48	Shift Motor 1 Position Signal
B15	Shift Motor 2 Phase W	B49	Shift Motor 2 Hall Sensor 3 Signal
B16	Cooling Motor Hall Sensor 1 Signal	B50	Pressure Sensor 2 Power Supply
B17	Shift Motor 2 Hall Sensor 1 Signal	B51	Pressure Sensor 1 Power Supply
B18	Shift Motor 1 Hall Sensor 1 Signal	B52	-
B19	Clutch Motor 2 Hall Sensor 1 Signal	B53	-
B20	Clutch Motor 1 Hall Sensor 1 Signal	B54	-

B21	Clutch Motor 1 Hall Sensor Power Supply	B55	Cooling Motor Sensor Ground
B22	-	B56	Shift Motor 2 Hall Sensor Signal Ground
B23	Temperature Sensor Signal	B57	Shift Motor 1 Hall Sensor Signal Ground
B24	Pressure Sensor 2 Signal	B58	Clutch Motor 2 Hall Sensor Signal Ground
B25	Pressure Sensor 1 Signal	B59	Clutch Motor 1 Hall Sensor Signal Ground
B26	Output Shaft Speed Sensor Signal	B60	Cooling Motor Sensor Power Supply
B27	Input Shaft Speed Sensor 2 signal	B61	Shift Motor 2 Position Signal
B28	Input Shaft Speed Sensor 1 signal	B62	-
B29	Cooling Motor Hall Sensor 2 Signal	B63	-
B30	Shift Motor 2 Hall Sensor 2 Signal	B64	-
B31	Shift Motor 1 Hall Sensor 2 Signal	B65	-
B32	Clutch Motor 2 Hall Sensor 2 signal	B66	-
B33	Clutch Motor 1 Hall Sensor 2 signal	B67	-
B34	Clutch Motor 2 Sensor Power Supply		

4.2.7, Instrument Cluster Module Terminal Definition

PIN	Description	PIN	Description
1	ESP Switch Input	17	-
2	-	18	-
3	Power Source Ground	19	Driver Seat Belt Signal Input
4	ECO/SPT Switch Input	20	-
5	Fuel Sensor Ground	21	Fuel Signal Input
6	-	22	Fuel Auxiliary Signal Input
7	-	23	-
8	-	24	-
9	Oil Pressure Signal Input	25	-
10	-	26	Brake Fluid Level Signal Input
11	KL30	27	-
12	Backlight Input	28	-
13	KL15	29	B-CAN1-L
14	LDW Switch Input	30	B-CAN-H
15	-	31	Steering Wheel Button Input (Mode/Setup)
16	Battery Charging/Discharging Signal Input	32	-

4.2.8, BCM Module Terminal Definition

PIN	Description	PIN	Description
1-01	Right Ground Light	1-27	Door Control Output
1-02	-	1-28	Luggage Compartment Light Output
1-03	Light Sensor Input (Automatic Wiper)	1-29	Rear Defroster Output
1-04	Power Child-protection Lock Relay	1-30	High Speed Wiper Output
1-05	Rear Left Door Contact Switch Signal	1-31	Back-up Light Output
1-06	Rear Right Door Contact Switch Signal	1-32	Light Sensor Input (Auto Head-light)
1-07	-	1-33	Front Right Window Regulator Switch
1-08	-	1-34	Front Left Window Regulator Switch
1-09	-	1-35	Back Door Unlock Signal Input
1-10	Rear Left Door Open Signal	1-36	Passenger Side Window Regulator Disabled Switch
1-11	-	1-37	Front Right Door Open Signal
1-12	Rear Right Door Open Signal	1-38	Reverse Signal
1-13	Unlock/Lock State Signal	1-39	Brake Switch Input
1-14	Left Ground Light	1-40	Passenger Side Window Regulator Disabled Switch Operation Indicator
1-15	-	1-41	-
1-16	LIN Signal (Sunroof/Ambient Light)	1-42	Low Speed Wiper Output
1-17	-	1-43	Low Beam Light Output
1-18	High Beam Light Output	1-44	Horn Output
1-19	Rear Right Window Regulator Switch	1-45	Analog Ground
1-20	Passenger Front Right Window Regulator Switch	1-46	Turn Light Switch
1-21	Passenger Rear Left Window Regulator Switch	1-47	Rear Left Window Regulator Switch

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1-22	Front Passenger Rear Right Window Regulator Switch	1-48	Back Door Open Signal
1-23	Front Left Door Open Signal	1-49	Central Control Lock Switch Input
1-24	Front Wiper Stop Position Signal	1-50	Central Control Unlock Switch Input
1-25	Airbag Signal	1-51	-
1-26	Rear Wiper Stop Position Signal	1-52	Engine Hood Contact Switch

PIN	Description	PIN	Description
2-01	-	2-13	-
2-02	High Speed CAN 2 Signal Low Terminal	2-14	Hazard Light Operation Indicator Light
2-03	-	2-15	High Speed CAN 2 Signal High Terminal
2-04	LIN Signal (Engine Immobilizer)	2-16	-
2-05	ACC Signal Input	2-17	IGN Signal Input
2-06	-	2-18	Key Insert Signal
2-07	Rear Fog Light Input	2-19	Rear Washer Input
2-08	Front Wiper Input	2-20	Front Washer Input
2-09	Rear Defroster Input	2-21	Rear Wiper Input
2-10	Rear View Mirror Folding Input	2-22	Front Wiper Input
2-11	Hazard Warning Light Input	2-23	Lighting Input
2-12	High Beam - Flash Input	2-24	Wiper Sensitivity Switch

PIN	Description	PIN	Description
3-01	Power Source 3	3-08	Rear Left Window Up Output
3-02	Power Source 6	3-09	Rear Left Window Down Output
3-03	Ground 1	3-10	Power Source 1
3-04	Ground 2	3-11	Front Right Window Up Output
3-05	Rear Right Window Down Output	3-12	Front Right Window Down Output
3-06	Rear Right Window Up Output	3-13	Front Left Window Up Output
3-07	Power Source 2	3-14	Front Left Window Down Output

PIN	Description	PIN	Description
4-01	-	4-07	-
4-02	Central Control Unlock Output	4-08	-
4-03	Central Control Lock Output	4-09	Power Source 5
4-04	Trunk Output	4-10	Rear Wiper Output
4-05	Front Washer Output	4-11	-
4-06	-	4-12	Rear Washer Output

PIN	Description	PIN	Description
5-01	-	5-11	High Mounted Stop Light Output
5-02	Outer Rear View Mirror Unfolding Output	5-12	-
5-03	Outer Rear View Mirror Folding Output	5-13	-
5-04	Left Turn Light Output	5-14	Left Daytime Running Light Output + Front Left Position Light
5-05	Right Turn Light Output	5-15	Right Daytime Running Light Output + Front Right Position Light
5-06	Anti-theft Horn Output	5-16	Battery Save Output
5-07	Back-up Light Output	5-17	Rear Fog Light Output
5-08	Brake Light Output	5-18	-
5-09	Back Light	5-19	-
5-10	Rear Position Light (Movable Part) + License Light Output	5-20	Power Source 4

4.2.9, Audio Head Unit

PIN	Description	PIN	Description
A1	Rear Right +	A5	Rear Right -
A2	Front Right +	A6	Front Right -
A3	Front Left +	A7	Front Left -
A4	Rear Left +	A8	Rear Left -

PIN	Description	PIN	Description
B1	Steering Wheel Button Signal 1	B5	Trigger Power Source Signal
B2	Steering Wheel Button Ground	B6	-
B3	Steering Wheel Button Signal 2	B7	Operation/Memory Power Source
B4	Power Source Ground	B8	Back Light

PIN	Description	PIN	Description
C1	CAN2-H	C7	CAN2-L
C2	Starting Signal	C8	Power Switch (with Reset Switch)
C3	MIC Signal	C9	MIC+ Signal
C4	Control Panel Signal	C10	Control Panel Signal Ground
C5	Camera Power Source Ground	C11	Camera Power Source
C6	Camera Video -	C12	Camera Video +

PIN	Description	PIN	Description
D1	Audio Signal Output Positive	D7	-
D2	Audio Signal Output Negative	D8	MIC+
D3	Mute	D9	MIC-
D4	-	D10	-
D5	-	D11	-
D6	Volume -	D12	Volume +

4.2.10, Wireless Communication Module (TBOX)

PIN	Description	PIN	Description
1	KL15 Power Source Input	21	-
2	-	22	-
3	Ground	23	-
4	-	24	-
5	MIC Signal Ground Output Pin, to Mute Terminal MIC Ground	25	MC Signal Output Pin, to Mute Terminal MC Input Pin
6	MIC Signal Input Pin, to MIC Signal Pin	26	MC Signal Input Ground Pin, to MC Ground Pin
7	-	27	-
8	Audio Signal Output Pin Positive	28	Audio Output Pin Negative
9	-	29	-
10	-	30	-
11	-	31	-
12	-	32	MUTE
13	-	33	-
14	-	34	-
15	-	35	-
16	-	36	-
17	-	37	-
18	-	38	-
19	CAN1-H	39	CAN1-L
20	KL30 Power Source Input	40	Ground

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4.2.11, PEPS Module Terminal Definition

PIN	Description	PIN	Description
1	-	21	-
2	-	22	Clutch Switch Signal
3	B-CAN H	23	Engine Start Stop Switch Indicator
4	B-CAN L	24	Engine Start Stop Switch Indicator
5	Starter Relay Detection	25	Engine Start Stop Switch Illumination
6	Back Door Opener Switch	26	Brake Signal
7	Engine Start Stop Switch 2	27	-
8	Engine Start Stop Switch 1	28	Analog Ground
9	-	29	-
10	Rear Left PEPS Antenna Positive Terminal	30	Rear Left PEPS Antenna Negative Terminal
11	Anti-theft Coil DCT Negative Terminal	31	Anti-theft Coil DCT Positive Terminal
12	Rear Right PEPS Antenna Positive Terminal	32	Rear Right PEPS Antenna Negative Terminal
13	Front Low Frequency Antenna Positive Terminal	33	Front Low Frequency Antenna Negative Terminal
14	Low-Frequency Antenna 4 Positive Terminal	34	Low-Frequency Antenna 4 Negative Terminal
15	Front Right Door Handle Sensor Positive Terminal	35	Front Right Door Handle Sensor Negative Terminal
16	Front Left Door Handle Sensor Positive Terminal	36	Front Left Door Handle Sensor Negative Terminal
17	IGN1 Power Source	37	Ground
18	IGN1 Relay	38	Starter Relay
19	-	39	Starter Relay (High)
20	Ignition Signal	40	ACC Relay

4.2.12, Electric A/C Control Panel Terminal Definition

PIN	Description	PIN	Description
1	Blower Speed Control	17	Rear Defroster Request
2	CAN-L	18	External Control Compressor Solenoid Valve Signal +
3	CAN-H	19	Right Seat Heating (High Level)
4	Backlight/Right Seat Heating (Low Level)	20	External Control Compressor Solenoid Valve Signal-
5	KL30	21	Rear Defroster Output
6	Ground	22	MODE-P3
7	MODE-P4	23	MIX-P4
8	MIX-P3	24	MIX-P2
9	MIX-P1	25	REC-P1
10	REC-P2	26	REC-P3
11	REC-P4	27	MODE-P1
12	MODE-P2	28	Outside Temperature Sensor
13	Left Seat Heating Request	29	Evaporator Temperature Sensor -
14	Left Seat Heating (Low Level)	30	Evaporator Temperature Sensor +
15	Left Seat Heating (High Level)	31	KL15
16	Blower Relay Control Signal	32	Right Seat Heating Request

4.2.13, Automatic A/C Control Panel Terminal Definition

PIN	Description	PIN	Description
1	-	9	-
2	-	10	Left Seat Heating (High Level)
3	Rear Defroster - Feedback Signal	11	Left Seat Heating (Low Level)
4	B-CAN-H	12	Left Seat Heating Request
5	B-CAN-L	13	Right Seat Heating Request
6	Rear Defroster - Request Signal	14	Right Seat Heating (High Level)
7	Ground	15	Right Seat Heating (Low Level)
8	KL15	16	KL30

4.2.14, Automatic A/C Control Module - A Terminal Definition

PIN	Description	PIN	Description
A1	Left Mix Damper Motor - Pin 3	A21	Ground
A2	Left Mix Damper Motor - Pin 2	A22	Sensor -
A3	Left Mix Damper Motor - Pin 1	A23	-
A4	Right Mix Damper Motor - Pin 4	A24	Solar Sensor Right
A5	Right Mix Damper Motor - Pin 3	A25	Solar Sensor Left
A6	Right Mix Damper Motor - Pin 2	A26	PM2.5(2)
A7	Right Mix Damper Motor - Pin 1	A27	-
A8	Blower Relay Control Signal	A28	Sensor +
A9	AQS	A29	Sensor +
A10	CAN-H	A30	PM2.5(1)
A11	CAN-L	A31	-
A12	KL15	A32	Feedback Signal
A13	Mode Motor - Pin 4	A33	Blower Speed Control
A14	Mode Motor - Pin 3	A34	-
A15	Mode Motor - Pin 2	A35	+5V
A16	Mode Motor - Pin 1	A36	+12V
A17	Inner/Outer Circulation Motor - Pin 4	A37	KL30
A18	Inner/Outer Circulation Motor - Pin 3	A38	External Control Compressor Solenoid Valve +
A19	Inner/Outer Circulation Motor - Pin 2	A39	External Control Compressor Solenoid Valve-
A20	Inner/Outer Circulation Motor - Pin 1	A40	Left Mix Damper Motor- Pin 4

Automatic A/C Control Module - B Terminal Definition

PIN	Description	PIN	Description
B1	-	B21	-
B2	-	B22	-
B3	-	B23	-
B4	-	B24	-
B5	-	B25	-
B6	-	B26	-
B7	-	B27	-
B8	-	B28	-
B9	-	B29	-
B10	-	B30	-
B11	-	B31	-
B12	-	B32	-
B13	-	B33	Right Negative Ion Signal
B14	-	B34	-
B15	-	B35	-
B16	-	B36	-
B17	-	B37	-
B18	-	B38	Left Negative Ion Signal
B19	-	B39	-
B20	Negative Ion Enable Control	B40	-

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4.2.15, Airbag Module Terminal Definition

PIN	Description	PIN	Description
1	Left Curtain Airbag Assembly +	26	-
2	Left Curtain Airbag Assembly -	27	-
3	Right Curtain Airbag Assembly -	28	-
4	Right Curtain Airbag Assembly +	29	-
5	KL15	30	Passenger Seat Belt Buckle Switch
6	Ground	31	-
7	-	32	-
8	-	33	P-CAN-L
9	-	34	P-CAN-H
10	Driver Airbag Assembly +	35	-
11	Driver Airbag Assembly -	36	Second Row Seat Belt Buckle Switch
12	Left Acceleration Sensor +	37	Left Acceleration Sensor -
13	Front Passenger Airbag Assembly +	38	-
14	Front Passenger Airbag Assembly -	39	-
15	-	40	Front Passenger Detection
16	Front Left Seat Side Airbag Assembly -	41	Driver Airbag -
17	Front Left Seat Side Airbag Assembly +	42	Driver Airbag +
18	Front Right Seat Side Airbag Assembly +	43	Second Row Center Seat Belt Buckle Switch
19	Front Right Seat Side Airbag Assembly -	44	Second Row Right Seat Belt Buckle Switch
20	Right Acceleration Sensor +	45	Right Acceleration Sensor -
21	-	46	Collision Signal
22	Driver Pre-tensioner Seat Belt +	47	-
23	Driver Pre-tensioner Seat Belt -	48	-
24	Passenger Pre-tensioner Seat Belt -	49	Rear Left Pre-tensioner Seat Belt -
25	Passenger Pre-tensioner Seat Belt +	50	Rear Left Pre-tensioner Seat Belt +

4.2.16, Reversing Radar Module Terminal Definition

PIN	Description	PIN	Description
1	-	9	-
2	-	10	-
3	Radar Control Module Power Source	11	Sensor Power Source
4	-	12	Camera Ground
5	CAN2-H	13	CAN2-L
6	-	14	Ground
7	Rear Left Radar Camera Signal	15	Rear Right Radar Camera Signal
8	Rear Left Center Radar Camera Signal	16	Ground

4.2.17, Main Blind Spot Monitoring Module Terminal Definition

PIN	Description	PIN	Description
1	-	6	-
2	Rear Left Door Open Collision Warning Indicator	7	C-CAN1-H
3	C-CAN1-L	8	Front Left Blind Spot Monitor Indicator
4	Dedicated CAN-H	9	Ground
5	IGN1	10	Dedicated CAN-L

4.2.18, Sub Blind Spot Monitoring Module Terminal Definition

PIN	Description	PIN	Description
1	-	6	-
2	-	7	Rear Right Door Open Collision Warning Indicator
3	Front Right Blind Spot Monitor Indicator	8	-
4	Dedicated CAN-H	9	Ground
5	IGN1	10	Dedicated CAN-L

4.2.19, Front Microwave Radar Module Terminal Definition

PIN	Description	PIN	Description
1	Ground	5	SCAN_H
2	C-CAN1-H	6	SCAN_L
3	C-CAN1-L	7	-
4	-	8	IGN1

4.2.20, Front View Multi-function Camera Module Terminal Definition

PIN	Description	PIN	Description
1	SCAN-L	7	SCAN-H
2	CAN-L	8	CAN-H
3	-	9	-
4	-	10	-
5	Ground	11	
6	KL15	12	

4.2.21, Central Gateway Module Terminal Definition

PIN	Description	PIN	Description
1	B-CAN H	11	B-CAN L
2	P-CAN H	12	P-CAN L
3	C-CAN H	13	C-CAN L
4	-	14	-
5	I-CAN H	15	I-CAN L
6	D-CAN H	16	D-CAN L
7	-	17	LIN
8	-	18	KL15
9	-	19	KL30
10	-	20	Ground

4.2.22, Mobile Phone Wireless Charging Module Terminal Definition

PIN	Description	PIN	Description
1	Power Source	5	I-CAN H
2	ACC	6	I-CAN L
3	-	7	-
4	Ground	8	-

4.2.23, Driving Recorder Module Terminal Definition

PIN	Description	PIN	Description
1	Power Source	5	Ground
2	IGN	6	-
3	I-CAN H	7	I-CAN L
4	-	8	-

4.2.24, Electronic Shift Module Terminal Definition

PIN	Description	PIN	Description
1	KL30	7	P-CAN L
2	-	8	P-CAN H
3	Ground	9	-
4	-	10	-
5	KL15	11	-
6	-	12	Back Light

4.2.25, 360 Panoramic View Monitor Module Terminal Definition

PIN	Description	PIN	Description
1	-	5	-
2	B CAN-L	6	B CAN-H
3	Ignition Signal	7	AVM Switch
4	Ground	8	Power Source

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4.2.26, APA Module Terminal Definition

PIN	Description	PIN	Description
1	APA Indicator	17	APA Switch
2	PDC Indicator	18	PDC Switch
3	Rear Camera Ground	19	Rear Camera Power Source
4	Rear Right Side Camera Signal	20	Rear Left Side Camera Signal
5	Rear Left Camera Signal	21	Rear Left Center Camera Signal
6	Rear Right Center Camera Signal	22	Rear Right Camera Signal
7	Front Camera Ground	23	Front Camera Power Source
8	Front Right Side Camera Signal	24	Front Left Side Camera Power Source
9	Front Left Camera Signal	25	Front Left Center Camera Signal
10	Front Right Center Camera Signal	26	Front Right Camera Signal
11	-	27	AVM Switch
12	-	28	-
13	B CAN-L	29	B CAN-H
14	C CAN-L	30	C CAN-H
15	-	31	IGN
16	Ground	32	Power Source

4.2.27, Power Back Door Module - 1 Terminal Definition

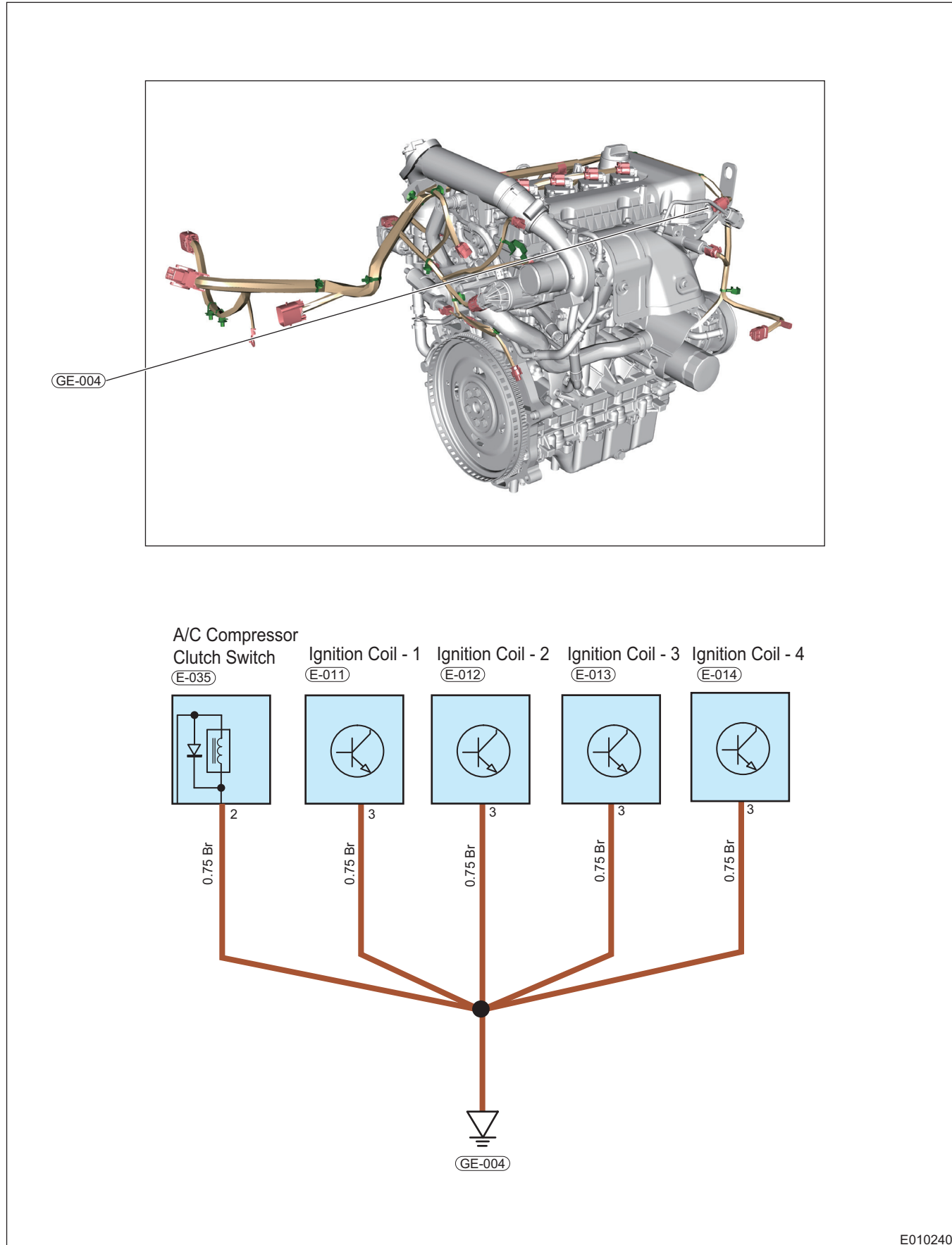
PIN	Description	PIN	Description
1-1	Power Source	1-8	-
1-2	Unlock Motor	1-9	Signal Power Source
1-3	-	1-10	-
1-4	Support Rod Motor +	1-11	Support Rod Motor -
1-5	Lock Motor +	1-12	Lock Motor -
1-6	-	1-13	-
1-7	Ground	1-14	-

Power Back Door Module - 2 Terminal Definition

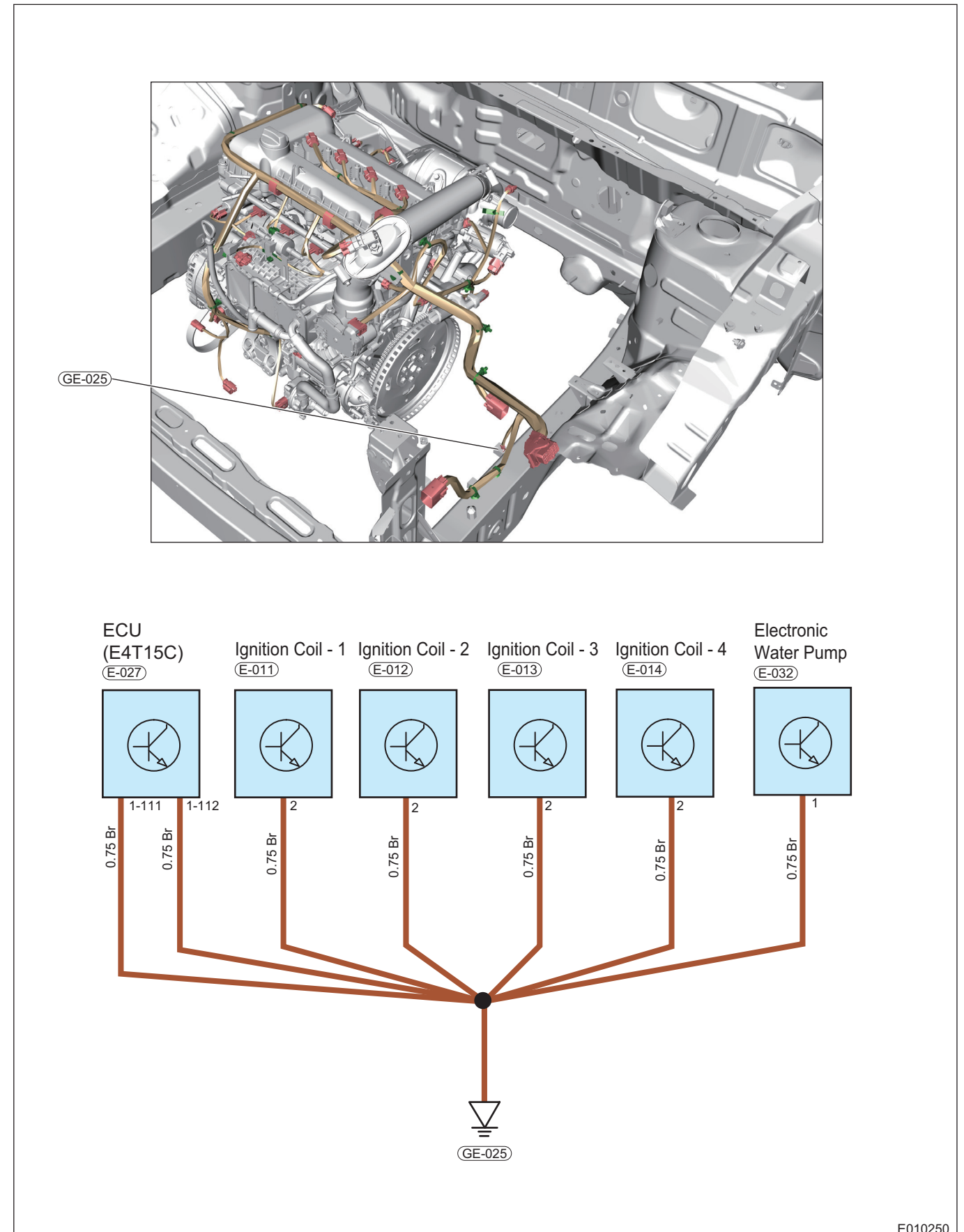
PIN	Description	PIN	Description
2-1	-	2-17	LIN Wire
2-2	Back Door Opener Switch	2-18	Back Door Closer Switch
2-3	Back Door Closer Switch	2-19	-
2-4	Adjustment Switch	2-20	-
2-5	Back Door Closer Switch Indicator Light	2-21	-
2-6	-	2-22	-
2-7	Full Lock Switch	2-23	Key Detection
2-8	-	2-24	-
2-9	PCM Switch	2-25	Hall Sensor b Output
2-10	Half Lock Switch	2-26	Hall Sensor a Output
2-11	-	2-27	Hall Sensor Power Source
2-12	Left Jam Protection Sensor	2-28	Hall Sensor Ground
2-13	Right Jam Protection Sensor	2-29	-
2-14	Jam Protection Sensor Ground	2-30	-
2-15	-	2-31	-
2-16	CAN-H	2-32	CAN-L

4.3, Ground Point Definition

4.3.1, Engine Electronic Fuel Injection Wire Harness (E4T15C) Ground Point GE-004 Ground Wiring Diagram



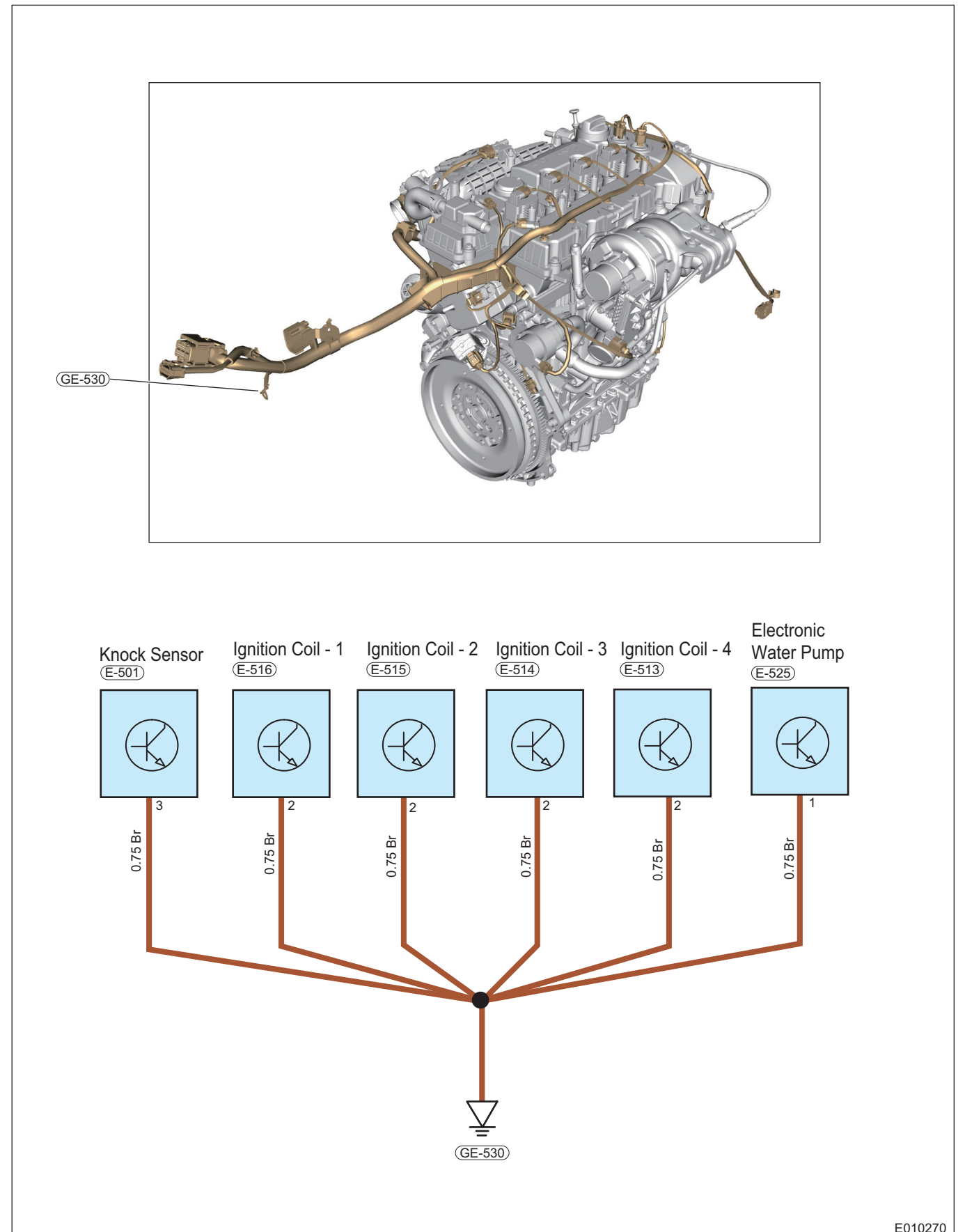
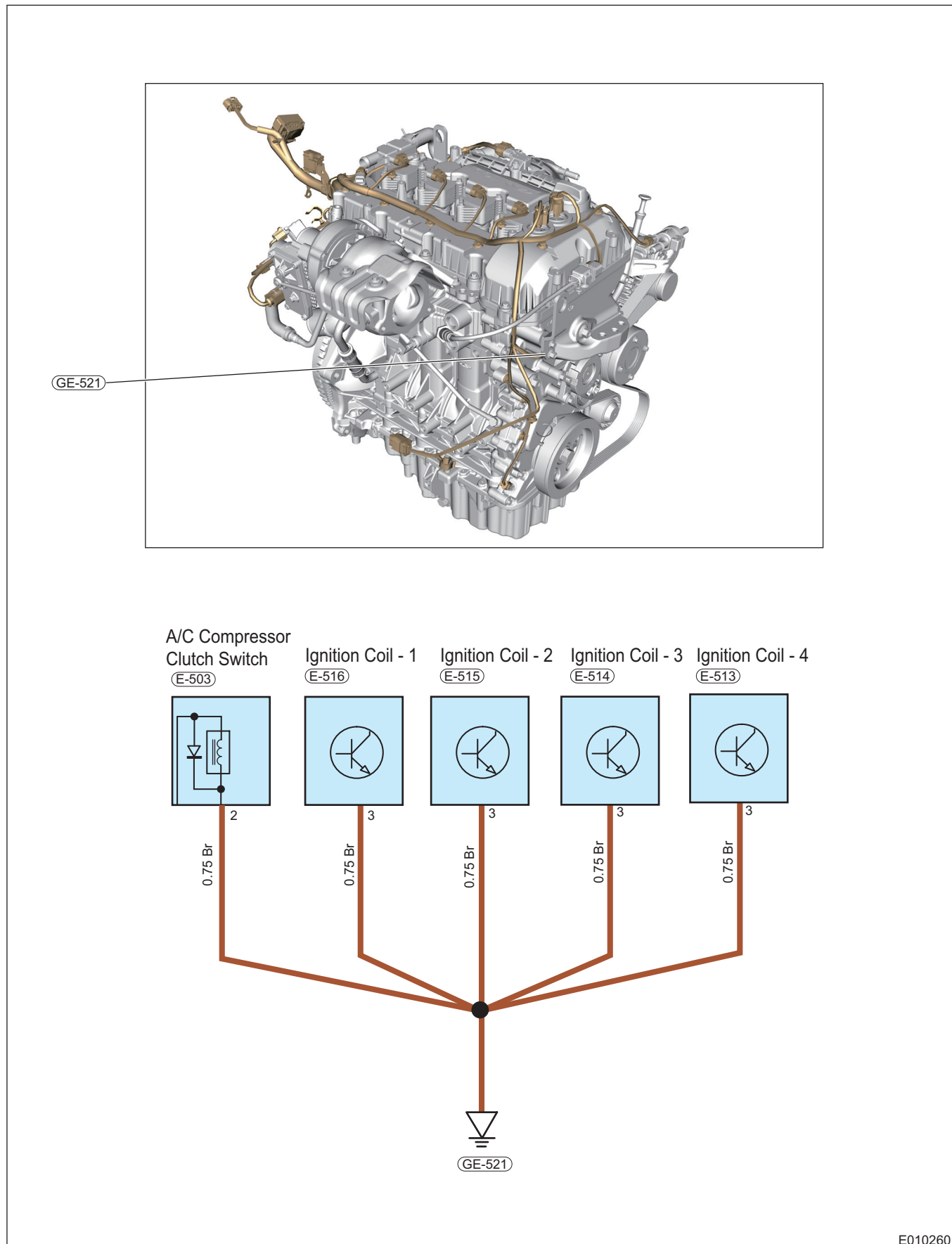
4.3.2, Engine Electronic Fuel Injection Wire Harness (E4T15C) Ground Point GE-025 Ground Wiring Diagram



CHAPTER 1, DIAGRAM EXPLANATION

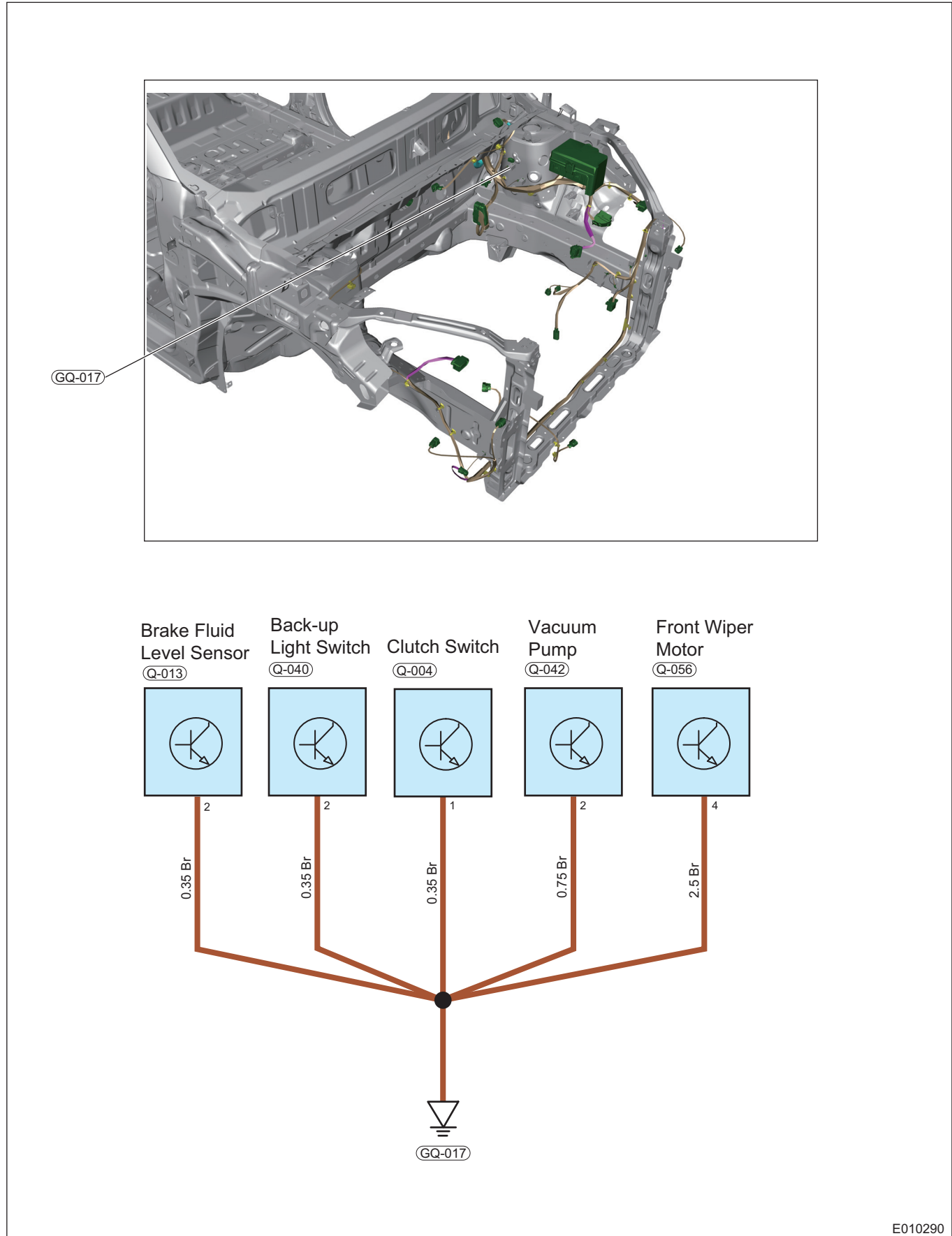
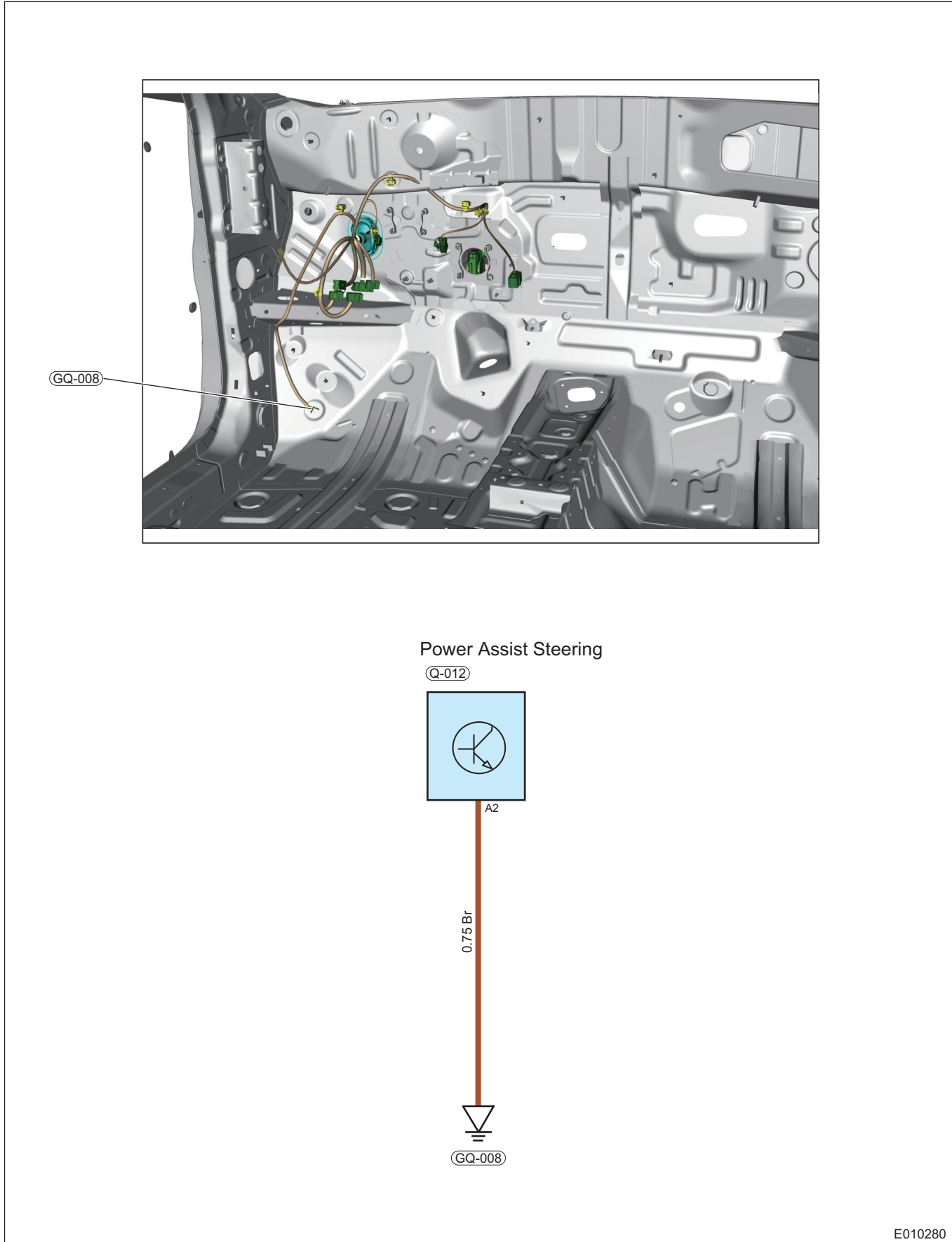
4.3.3, Engine Electronic Fuel Injection Wire Harness (F4J16) Ground Point G-521 Ground Wiring Diagram

4.3.4, Engine Electronic Fuel Injection Wire Harness (F4J16) Ground Point GE-530 Ground Wiring Diagram

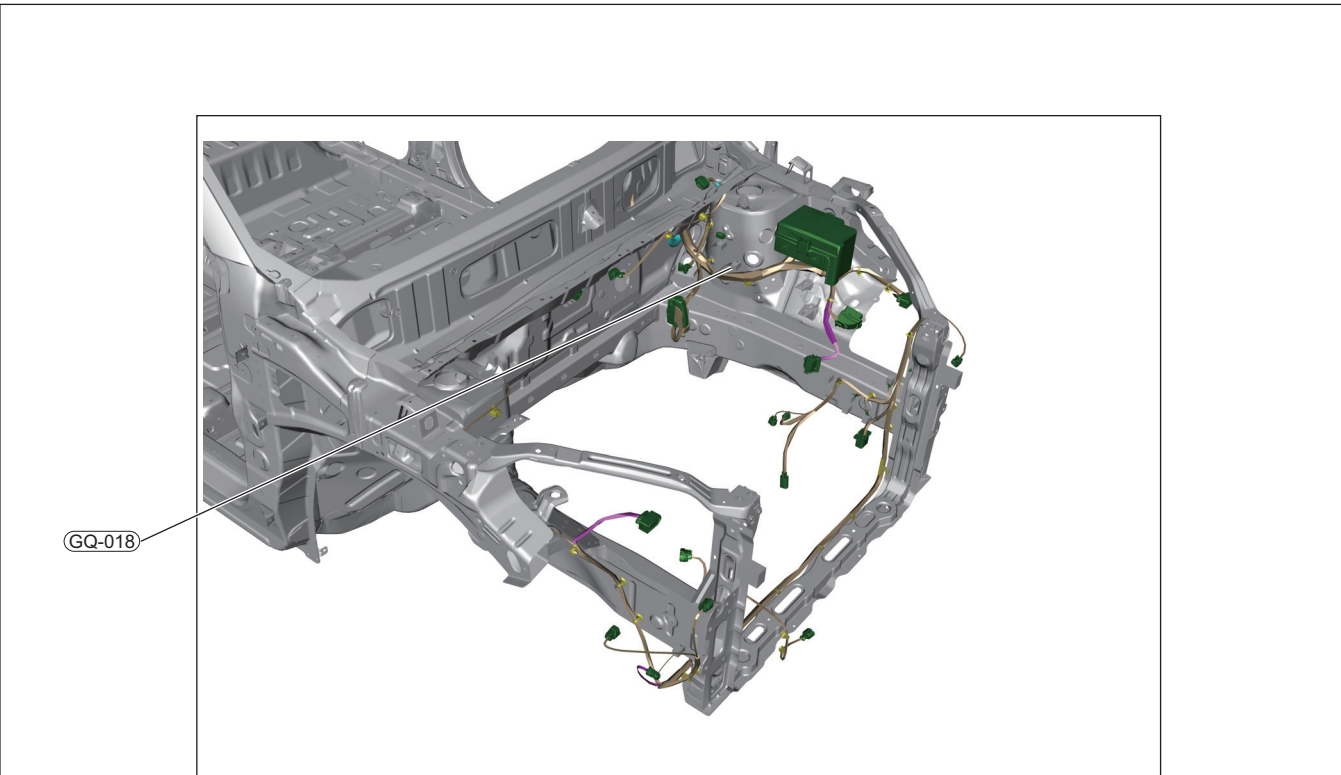


4.3.5, Front Bumper Wire Harness (1.5T) Ground Point GQ-008 Ground Wiring Diagram

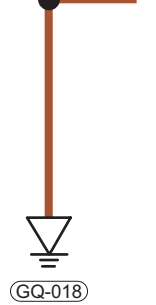
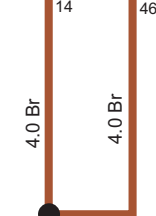
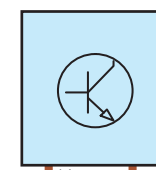
4.3.6, Front Bumper Wire Harness (1.5T) Ground Point GQ-017 Ground Wiring Diagram



4.3.7, Front Bumper Wire Harness (1.5T) Ground Point GQ-018 Ground Wiring Diagram

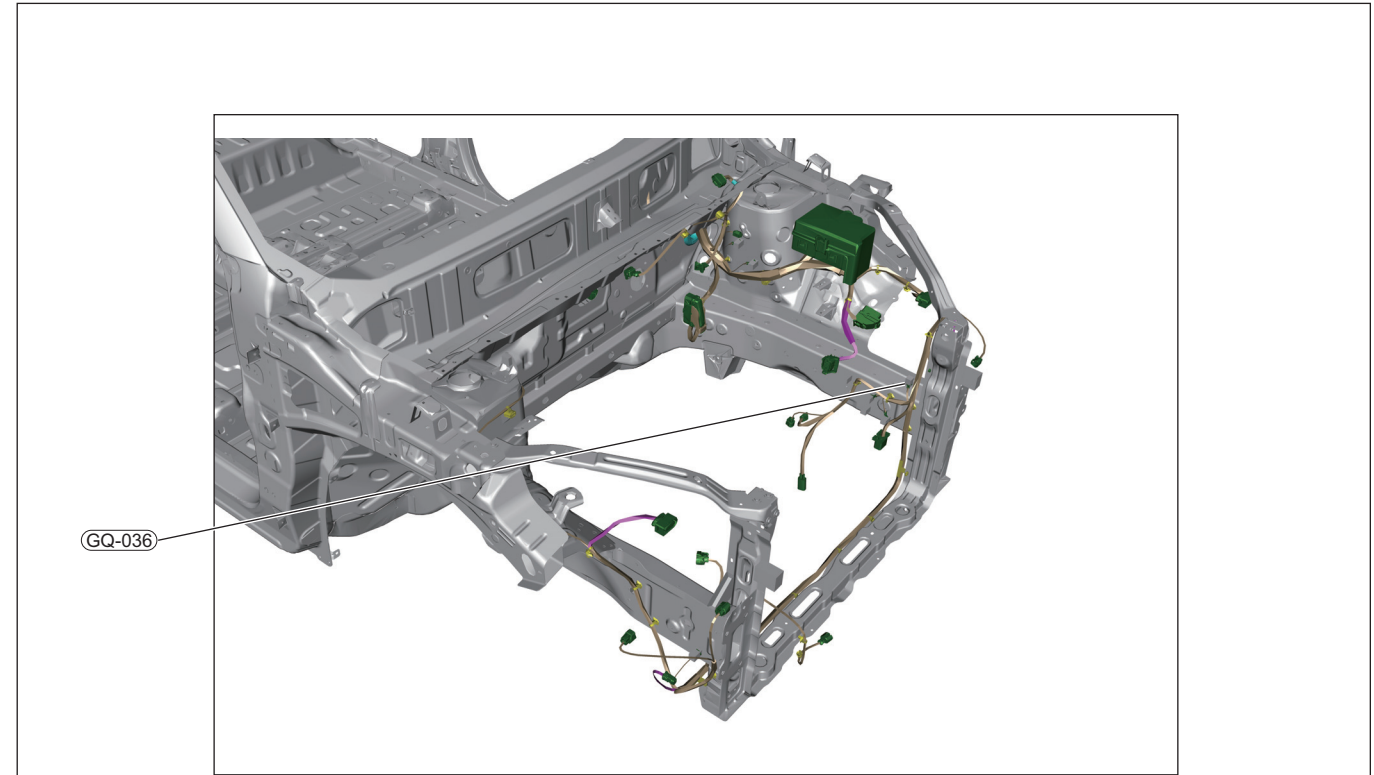


ESP+EPB Module
Q-015

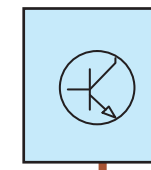


E010300

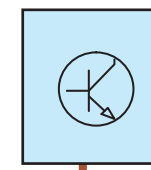
4.3.8, Front Bumper Wire Harness (1.5T) Ground Point GQ-036 Ground Wiring Diagram



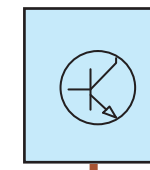
Left Horn
Q-034



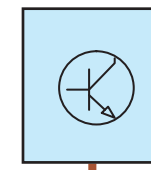
Right Horn
Q-051



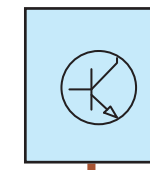
Cooling Fan
Q-041



Left Daytime
Running
Light
Q-032



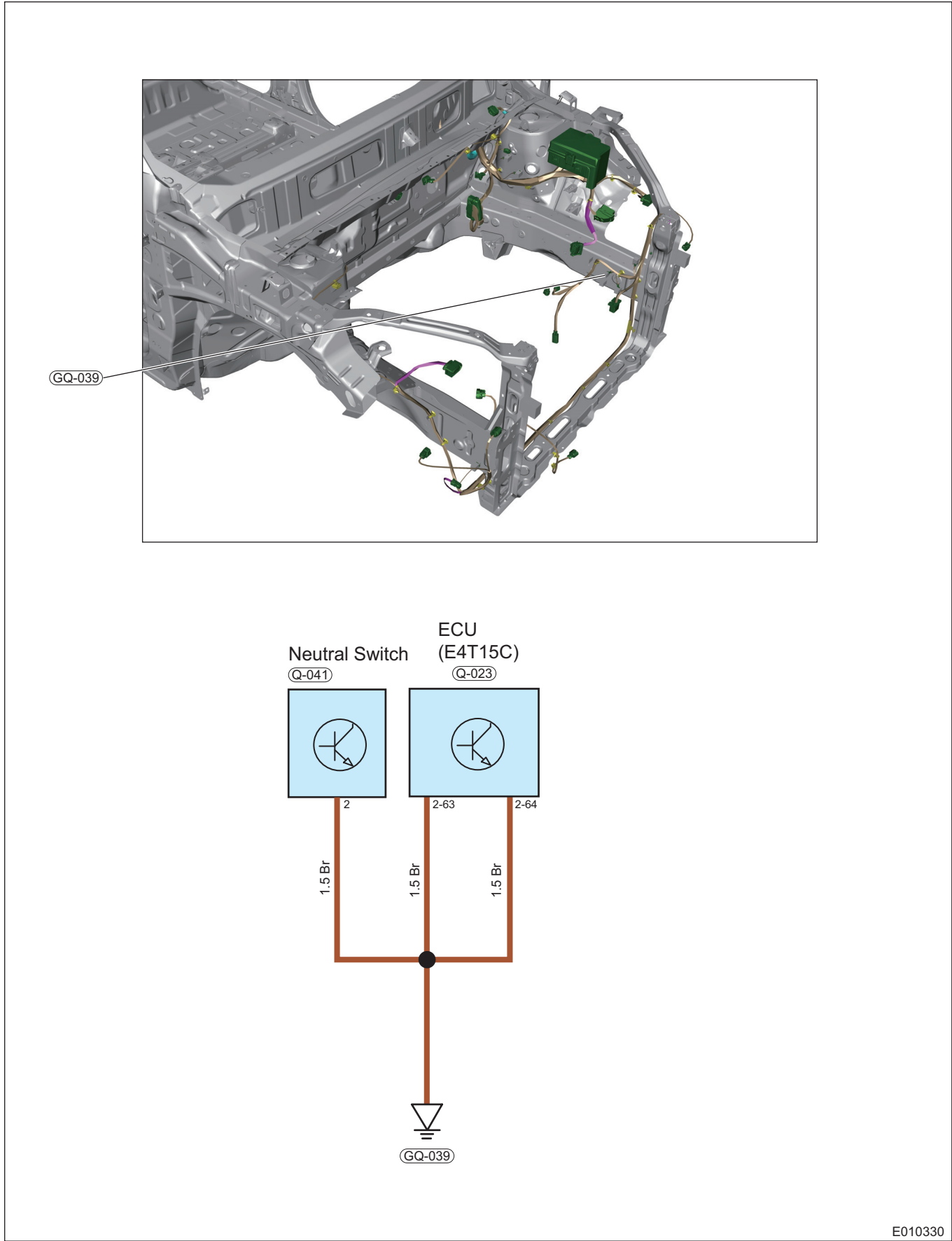
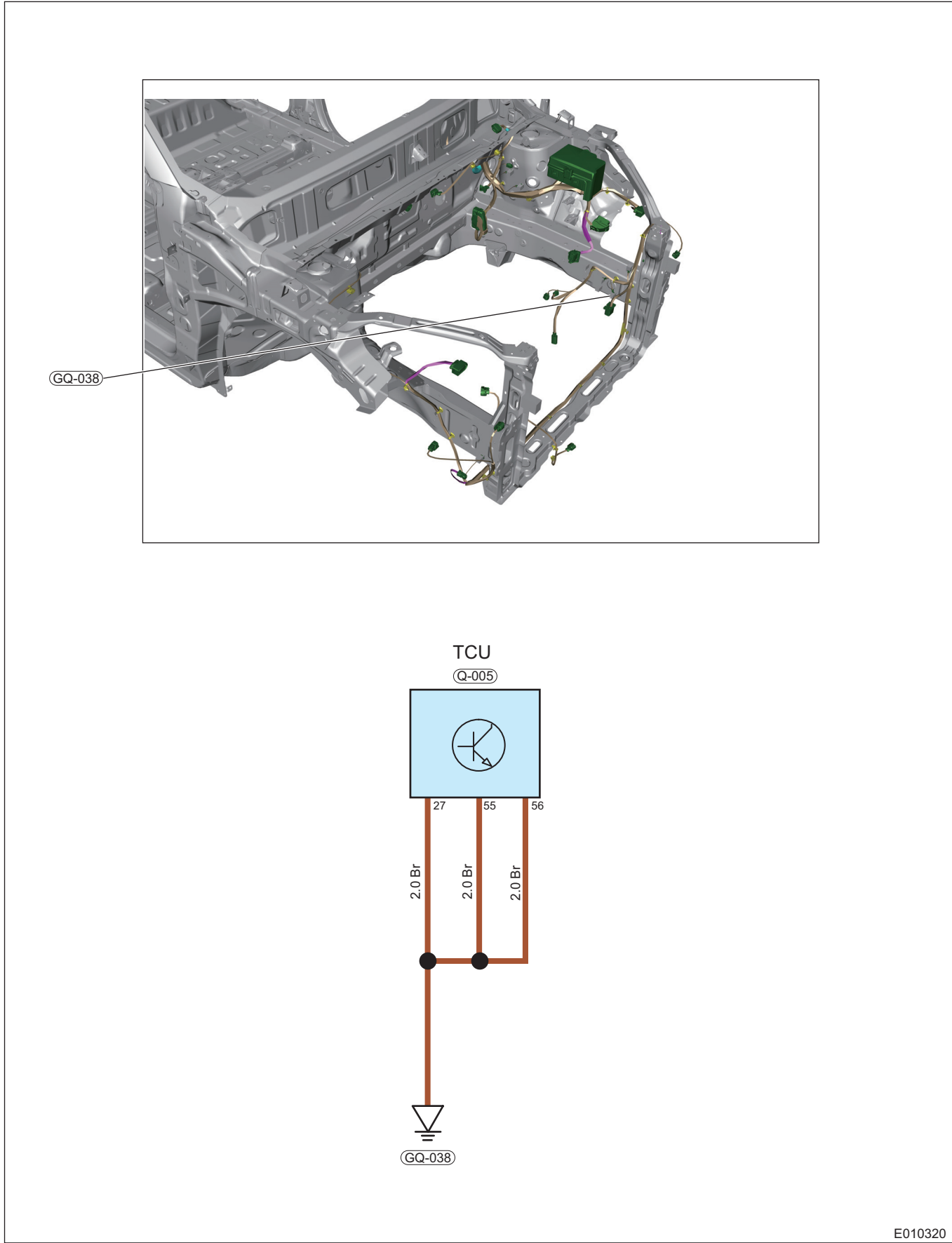
Left Headlight
Q-035



E010310

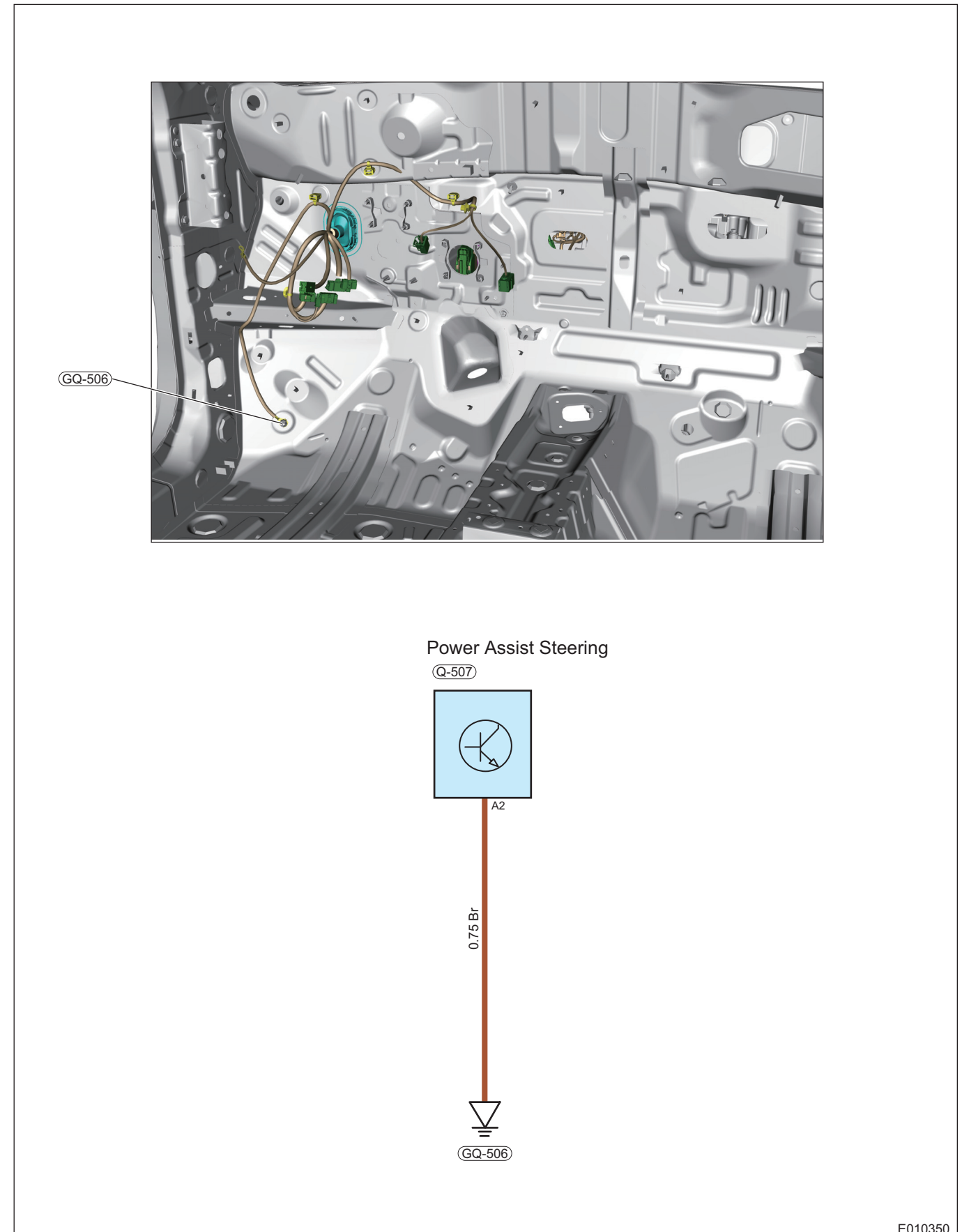
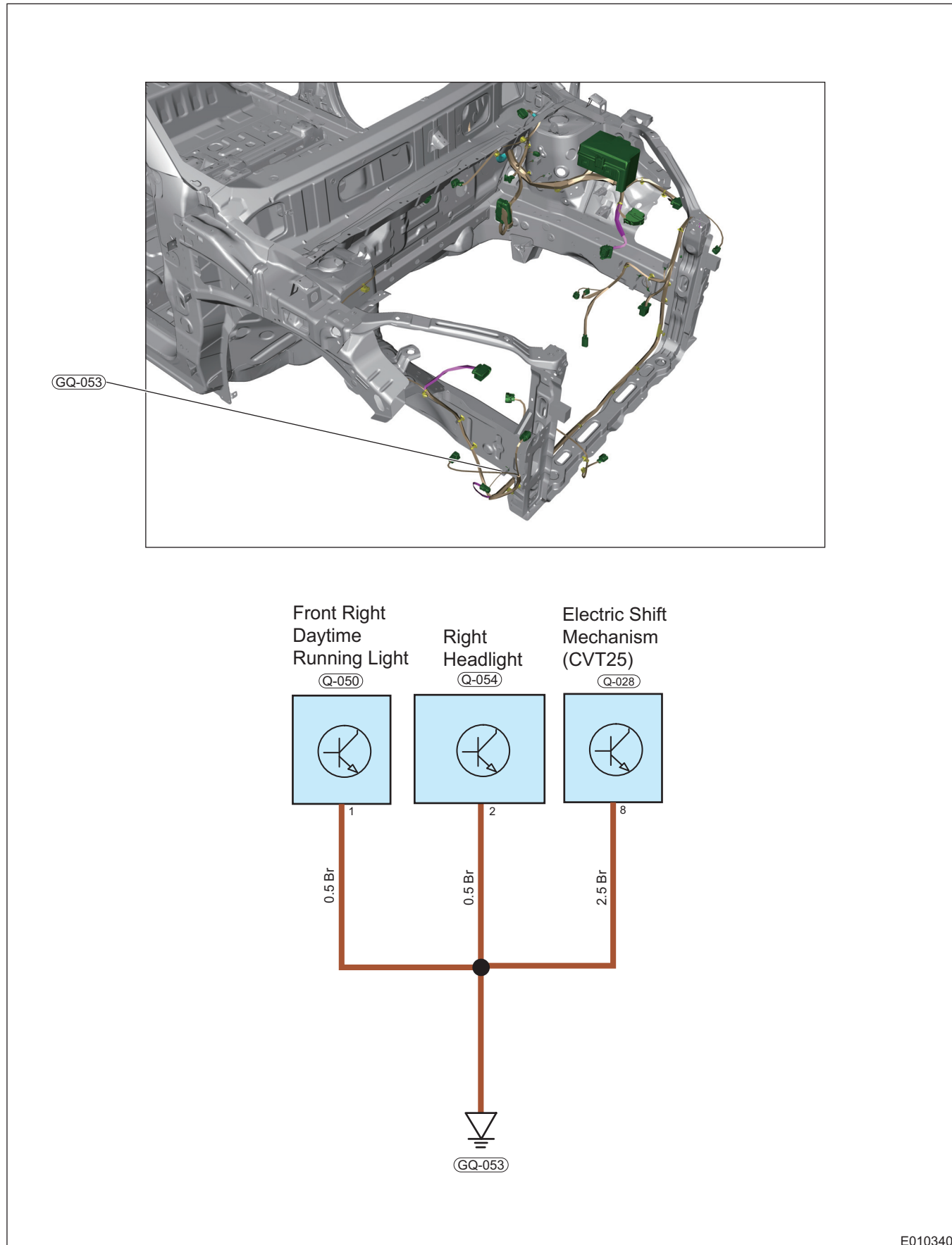
4.3.9, Front Bumper Wire Harness (1.5T) Ground Point GQ-038 Ground Wiring Diagram

4.3.10, Front Bumper Wire Harness (1.5T) Ground Point GQ-039 Ground Wiring Diagram

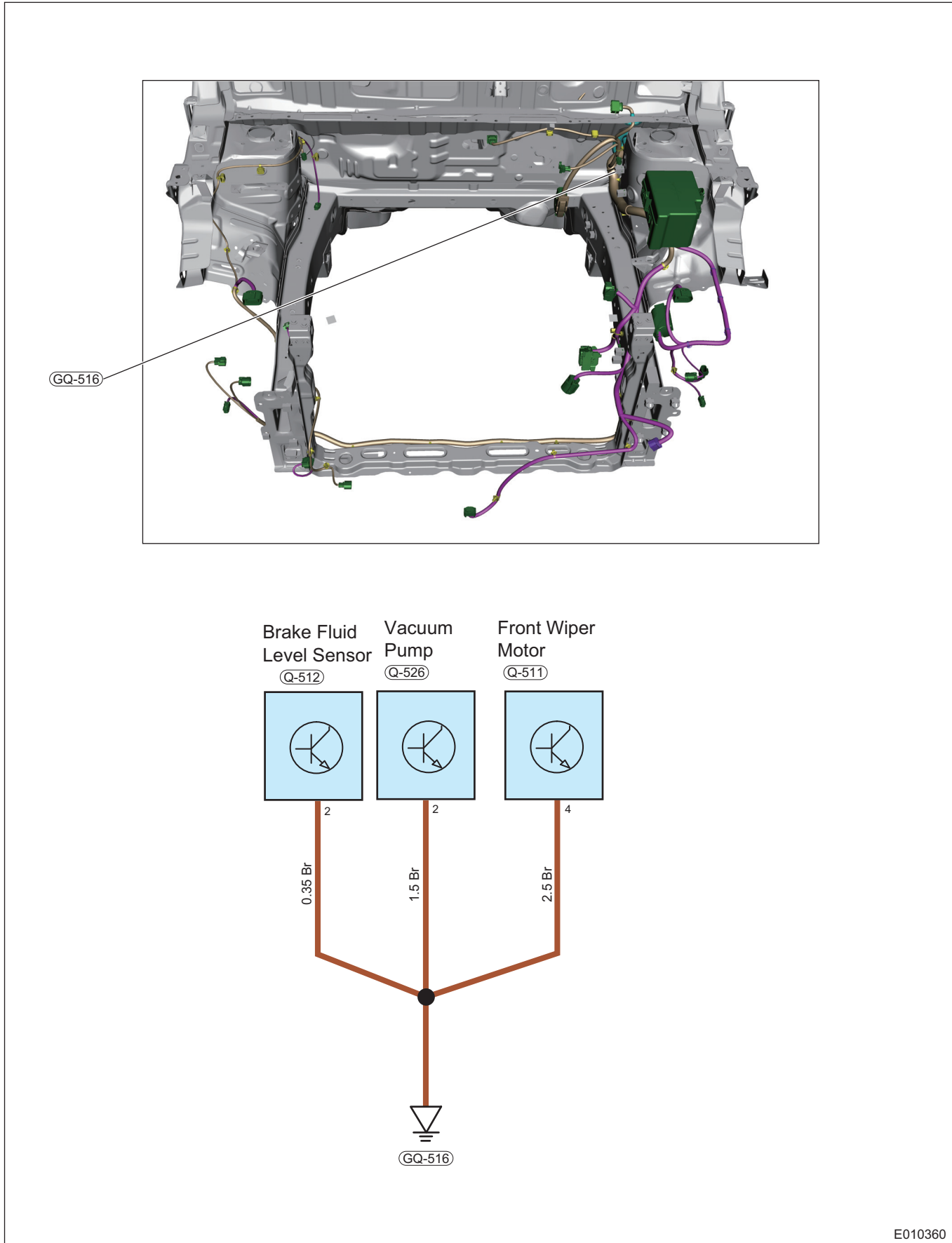


4.3.11, Front Bumper Wire Harness (1.5T) Ground Point GQ-053 Ground Wiring Diagram

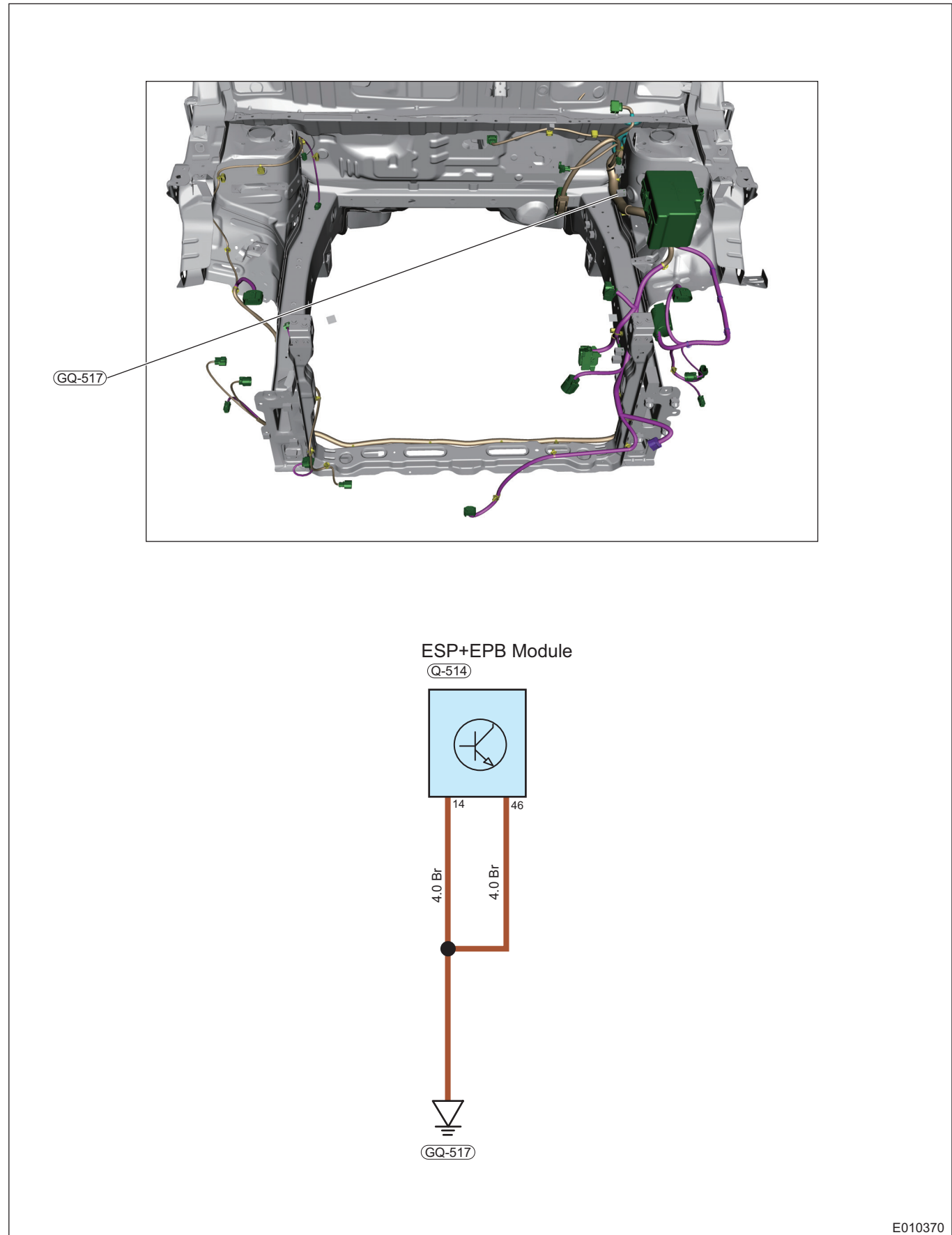
4.3.12, Front Bumper Wire Harness (1.6T) Ground Point GQ-506 Ground Wiring Diagram



4.3.13, Front Bumper Wire Harness (1.6T) Ground Point GQ-516 Ground Wiring Diagram

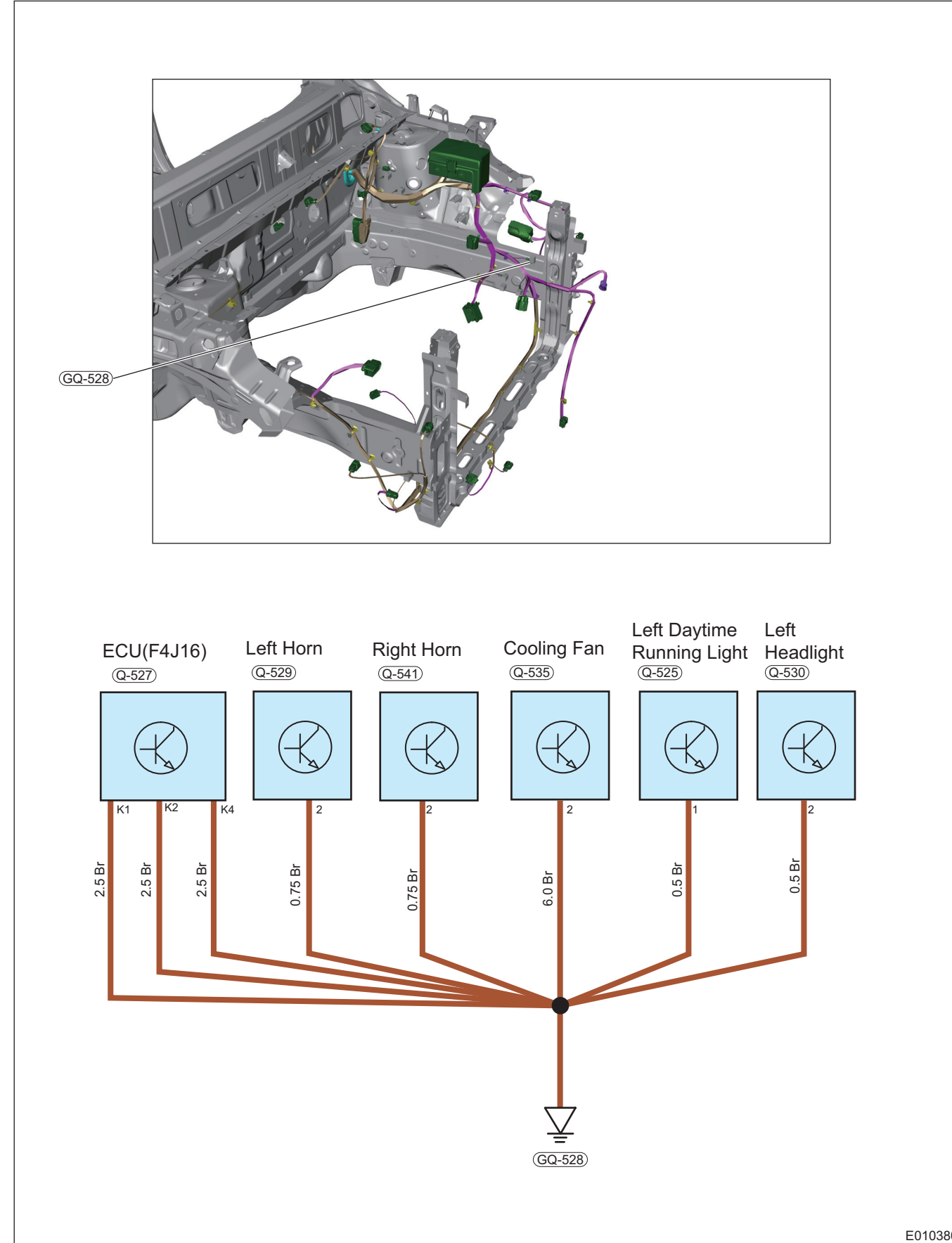
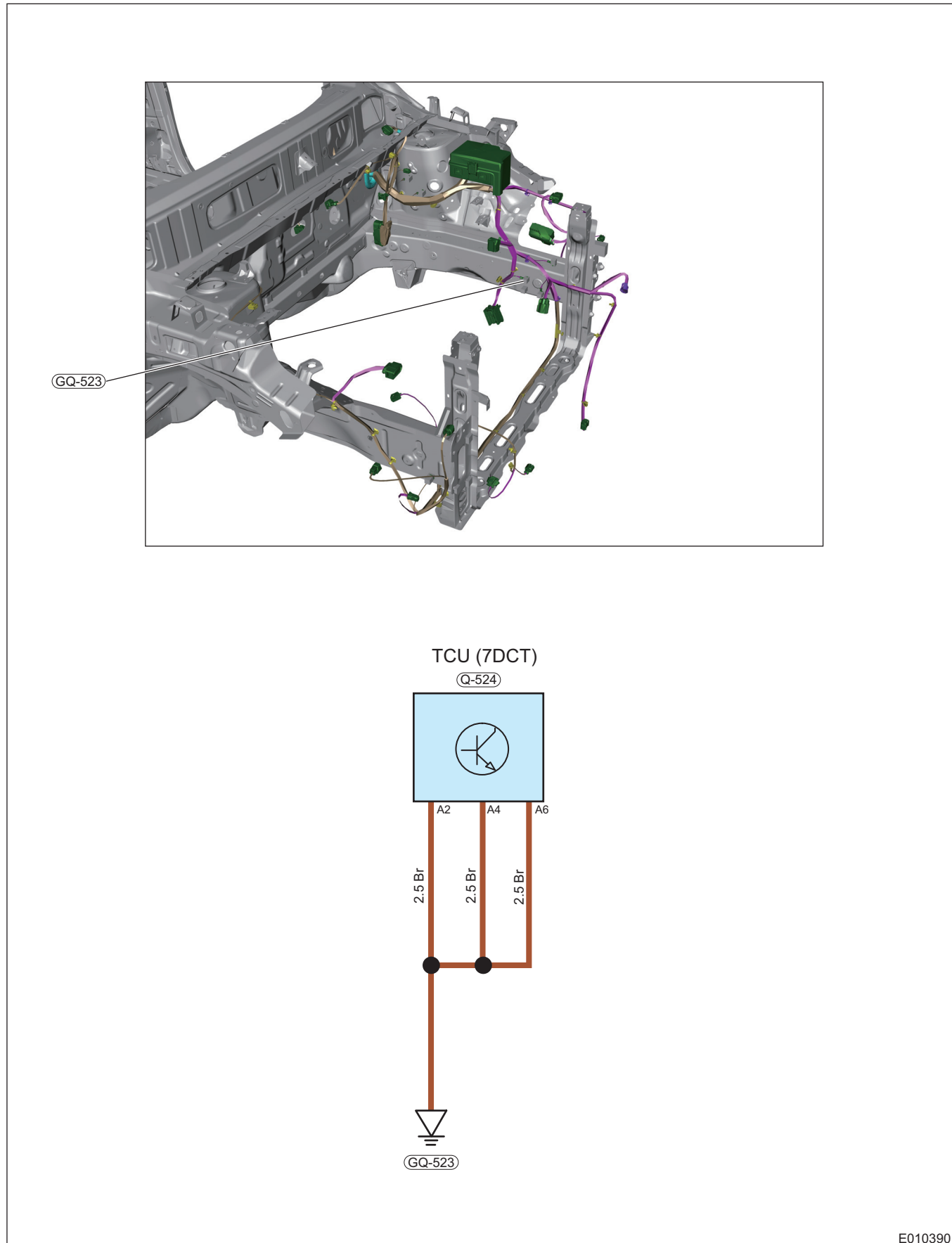


4.3.14, Front Bumper Wire Harness (1.6T) Ground Point GQ-517 Ground Wiring Diagram



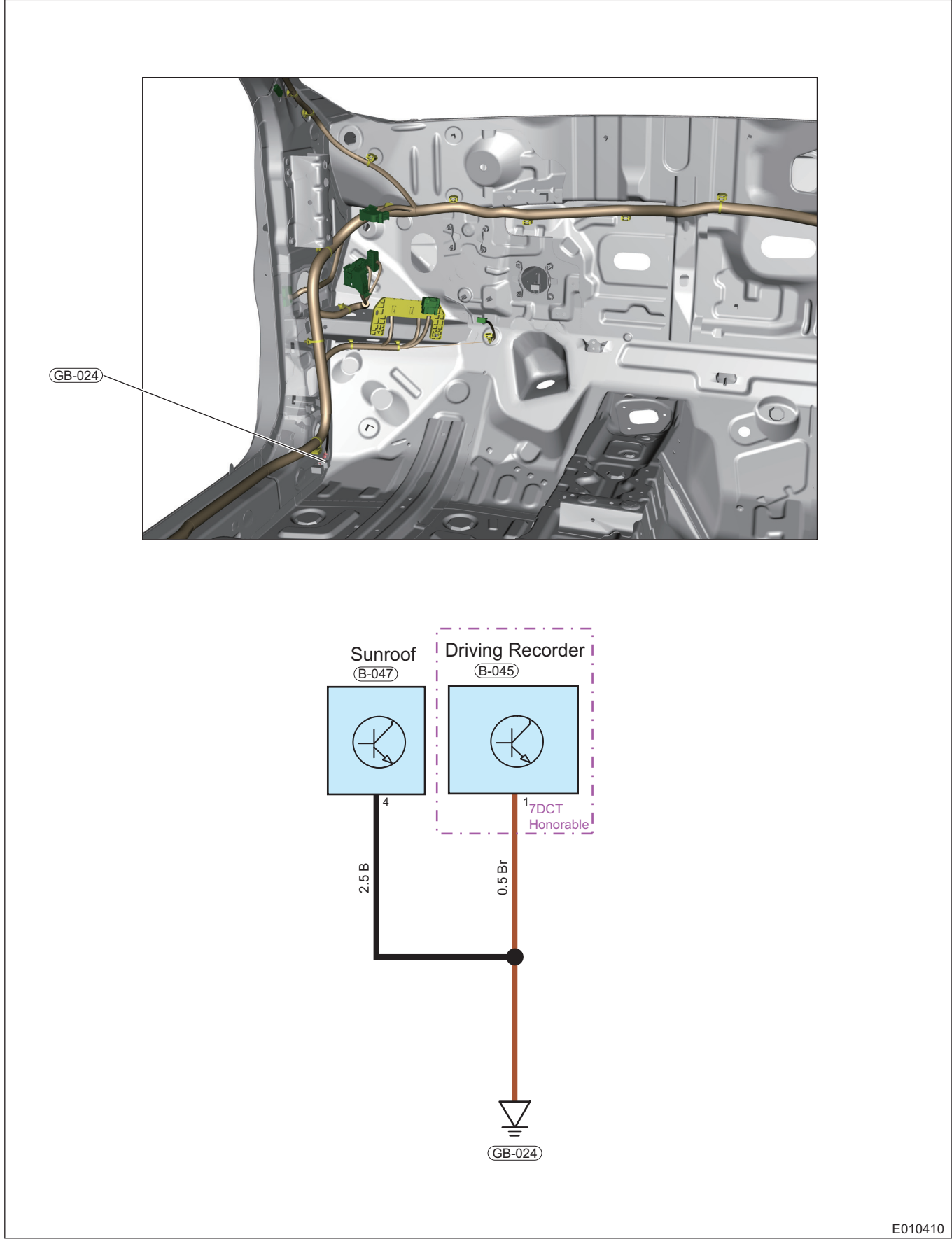
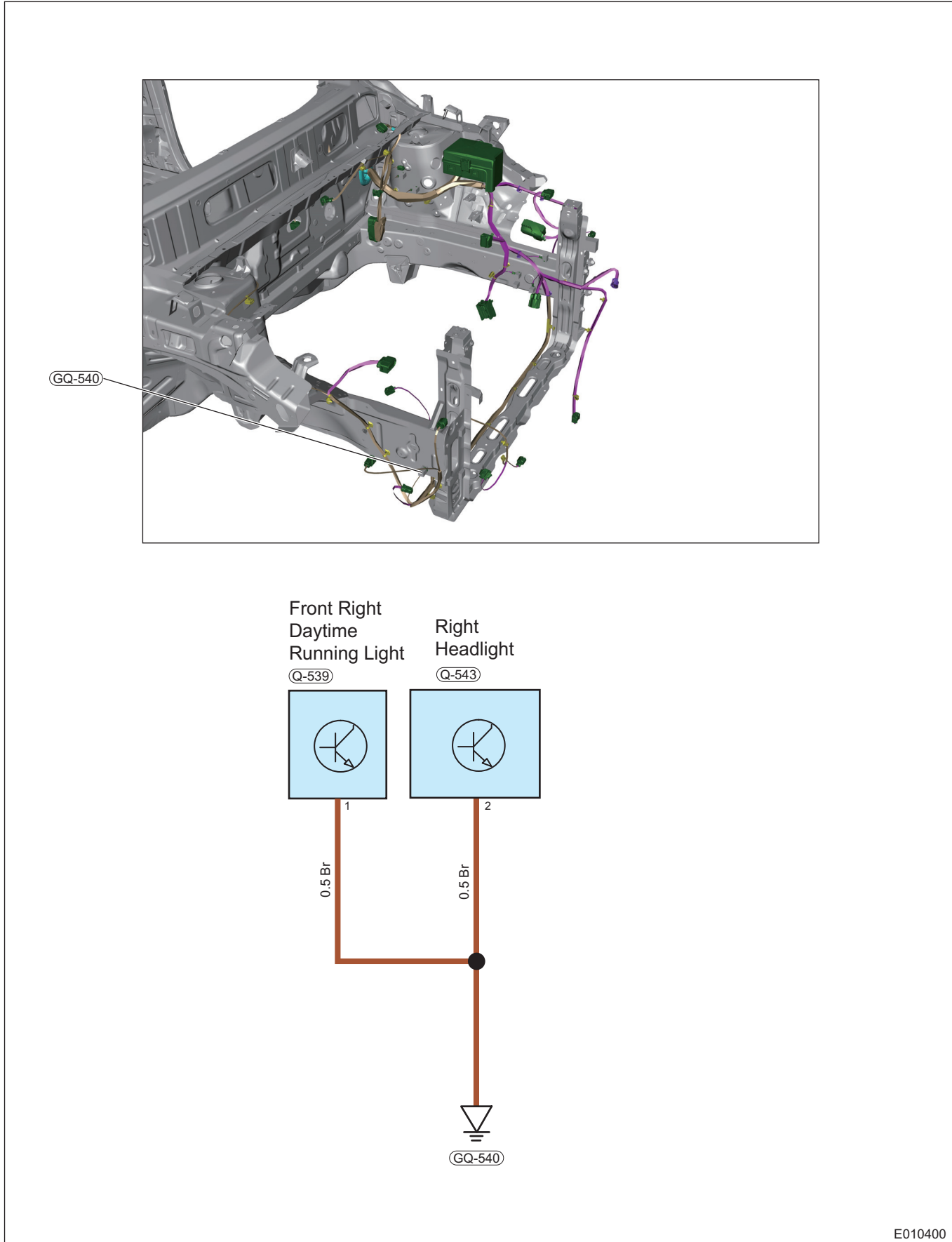
4.3.15, Front Bumper Wire Harness (1.6T) Ground Point GQ-523 Ground Wiring Diagram

4.3.16, Front Bumper Wire Harness (1.6T) Ground Point GQ-528 Ground Wiring Diagram



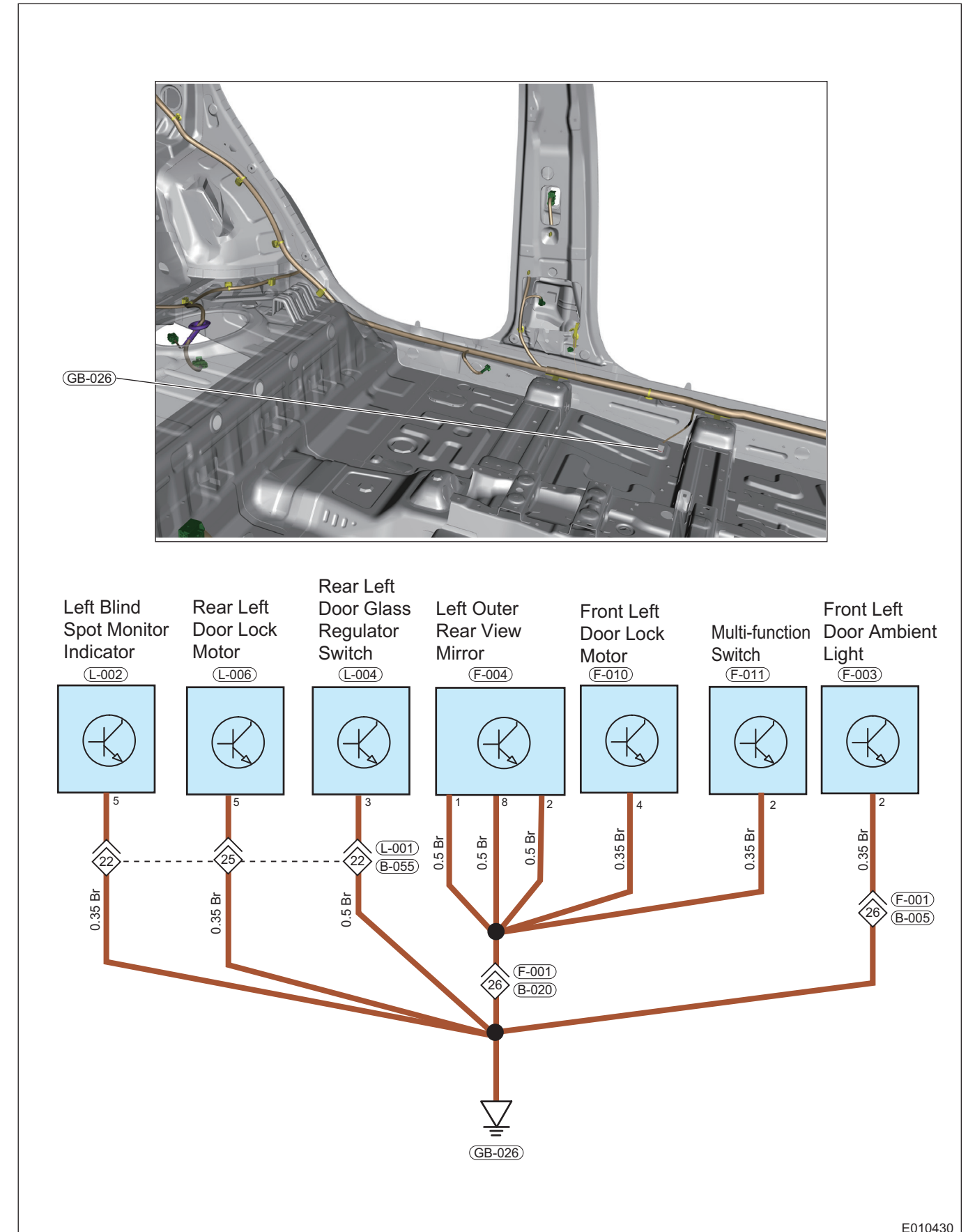
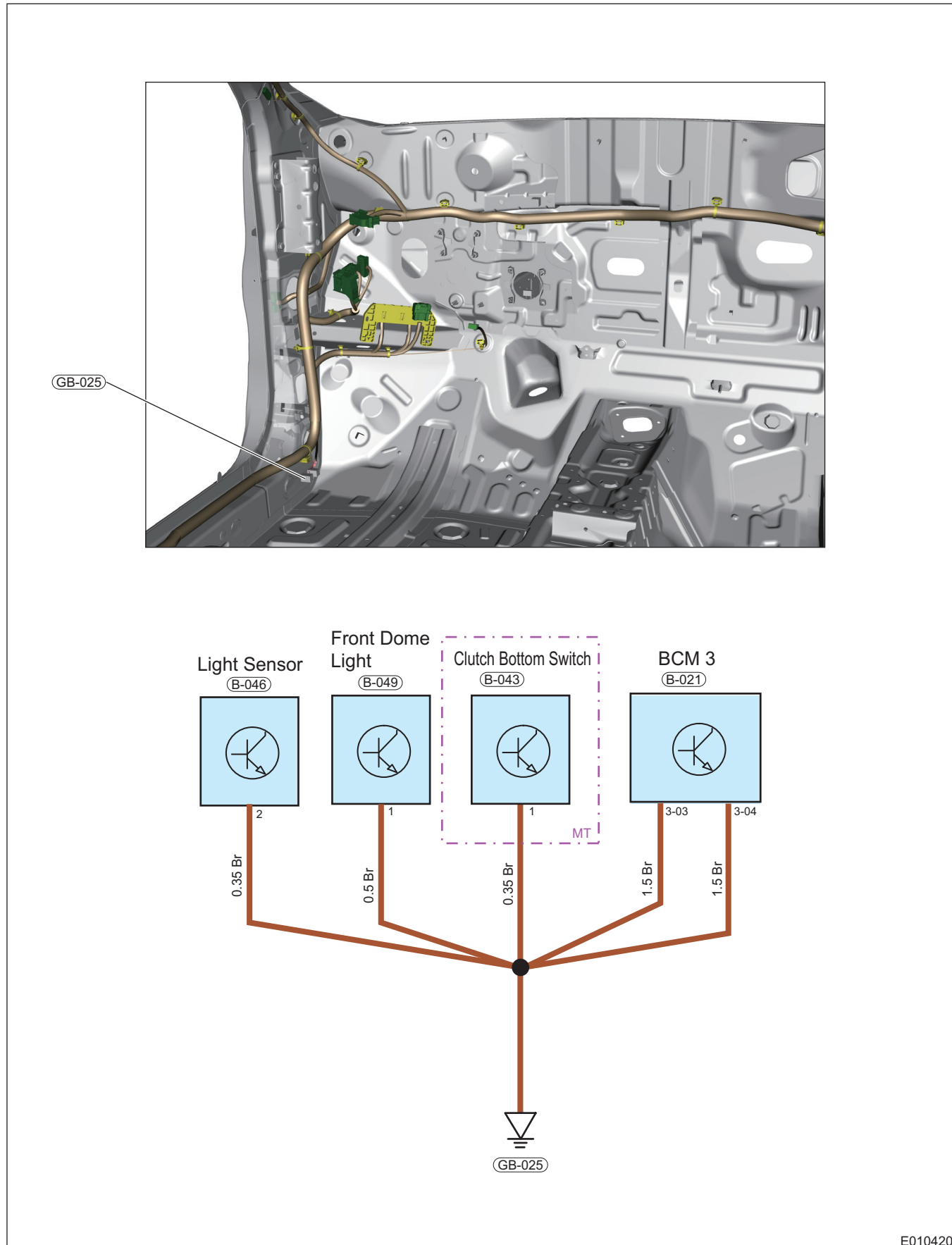
4.3.17, Front Bumper Wire Harness (1.6T) Ground Point GQ-540 Ground Wiring Diagram

4.3.18, Interior Wire Harness Ground Point GB-024 Ground Wiring Diagram

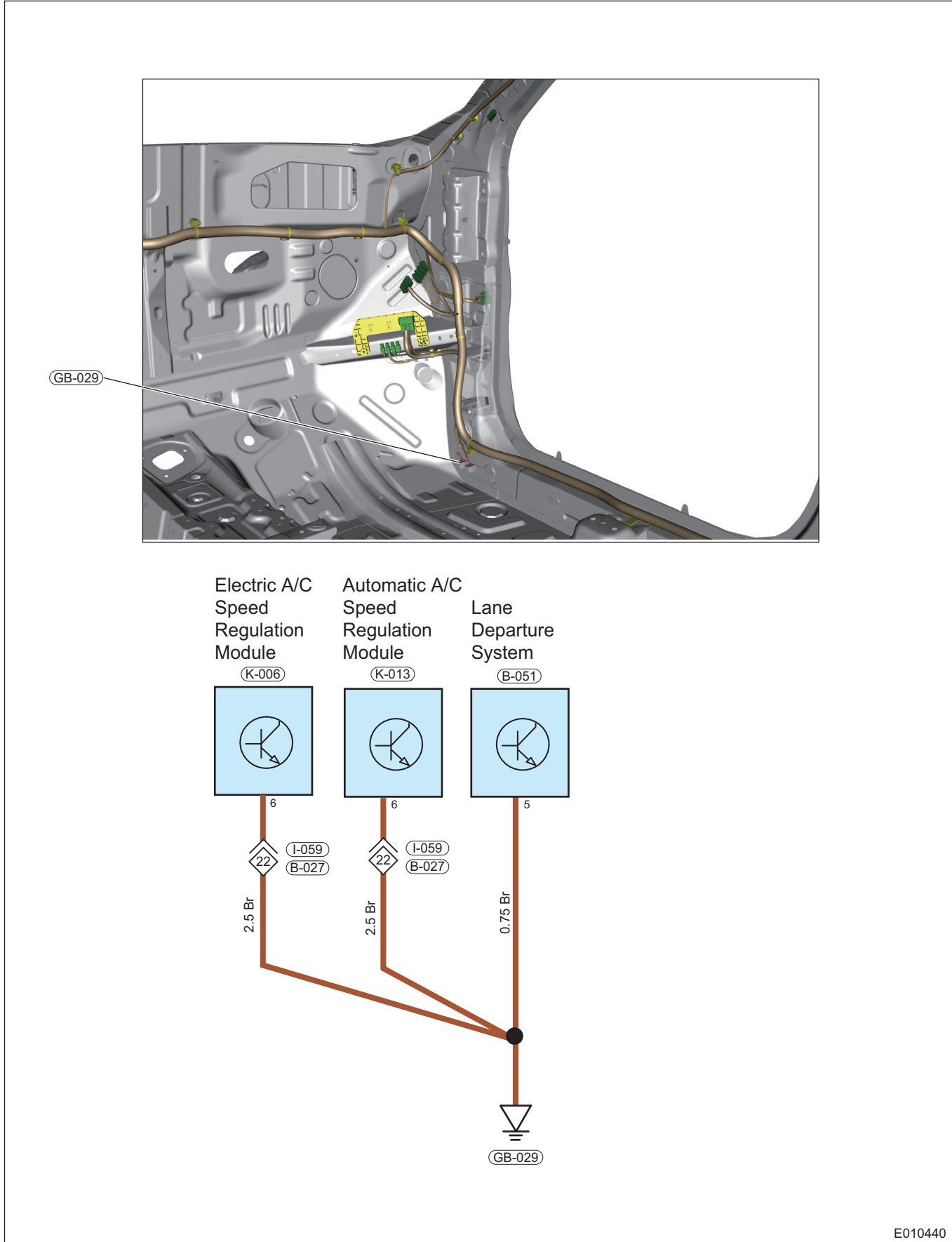


4.3.19, Interior Wire Harness Ground Point GB-025 Ground Wiring Diagram

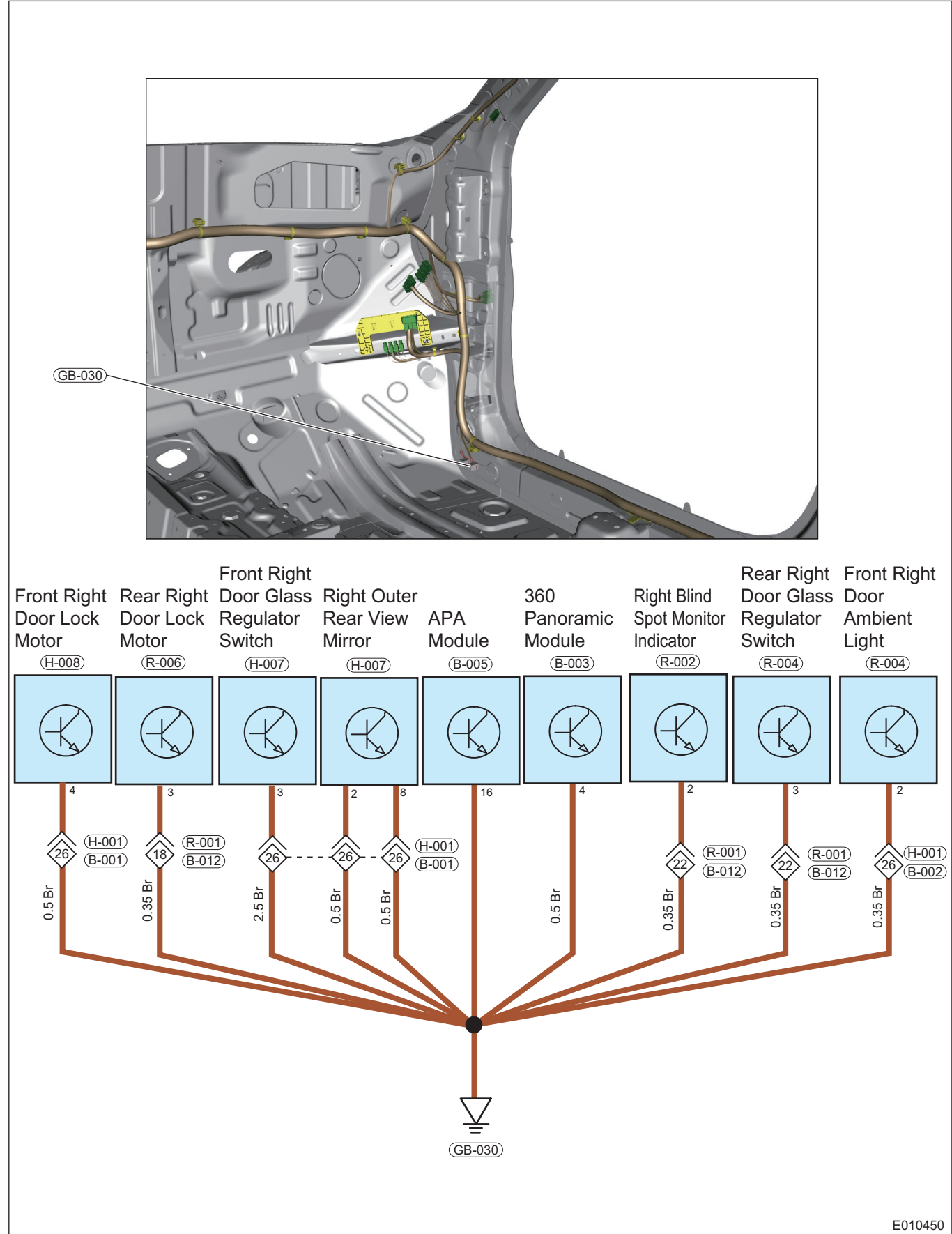
4.3.20, Interior Wire Harness Ground Point GB-026 Ground Wiring Diagram



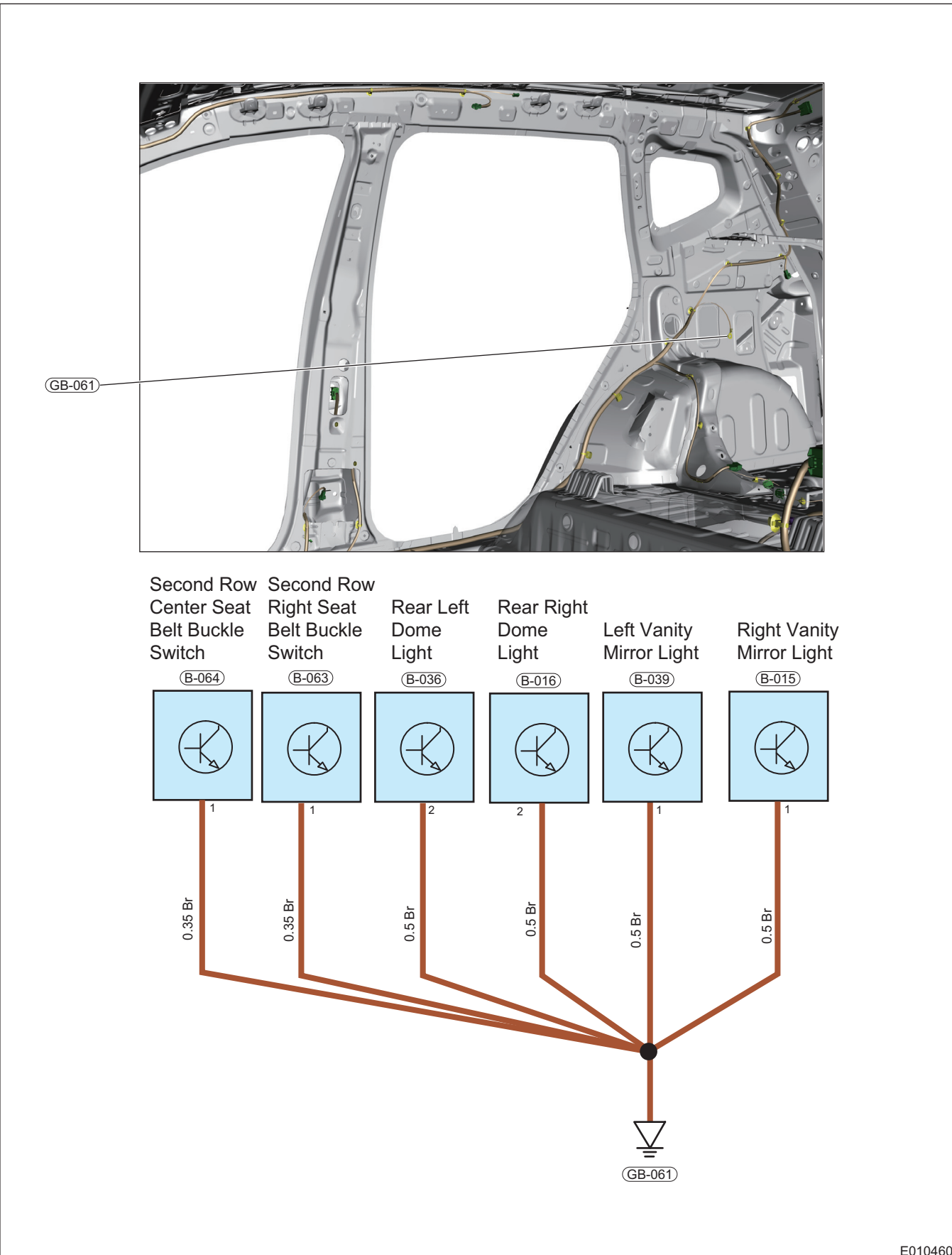
4.3.21, Interior Wire Harness Ground Point GB-029 Ground Wiring Diagram



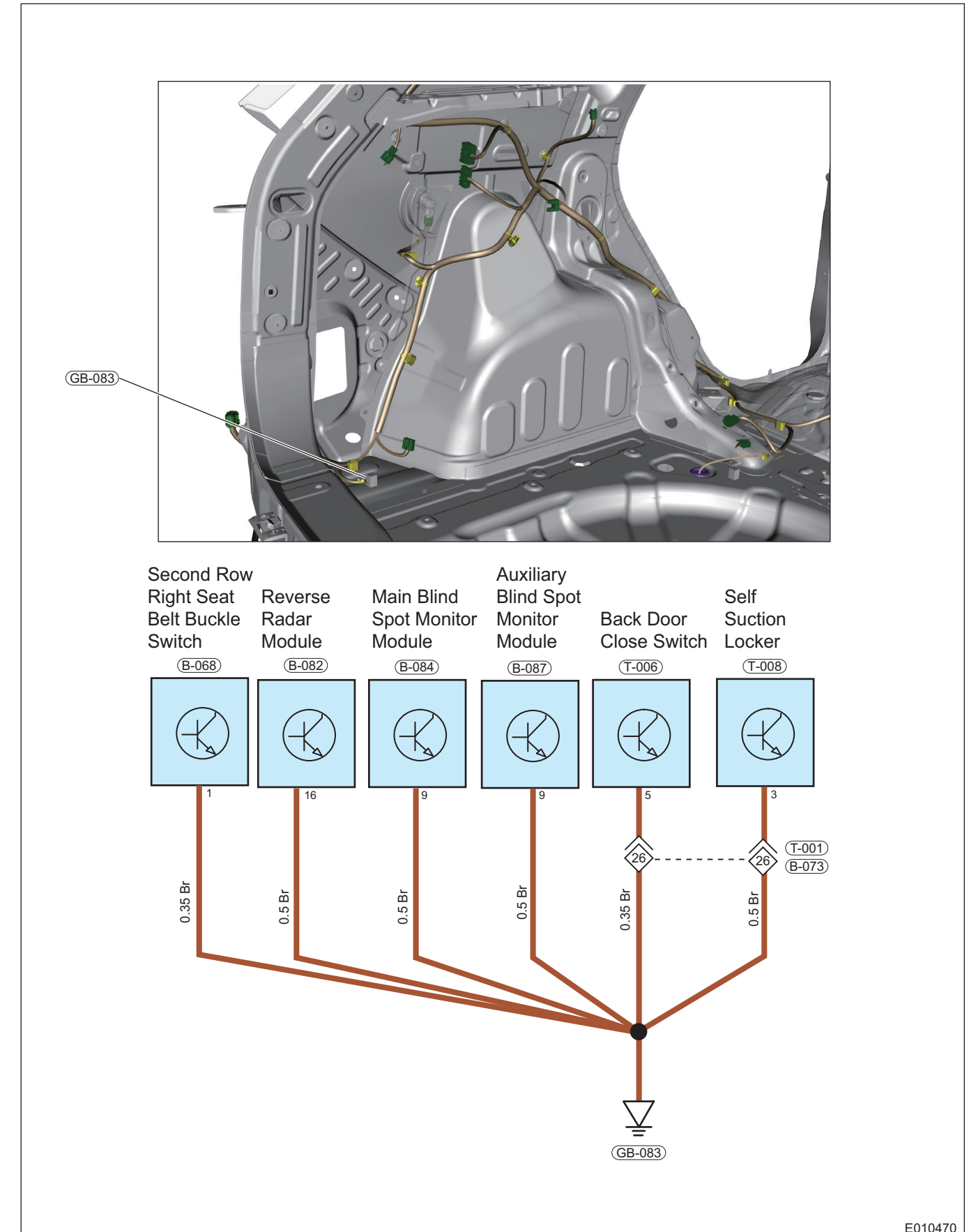
4.3.22, Interior Wire Harness Ground Point GB-030 Ground Wiring Diagram



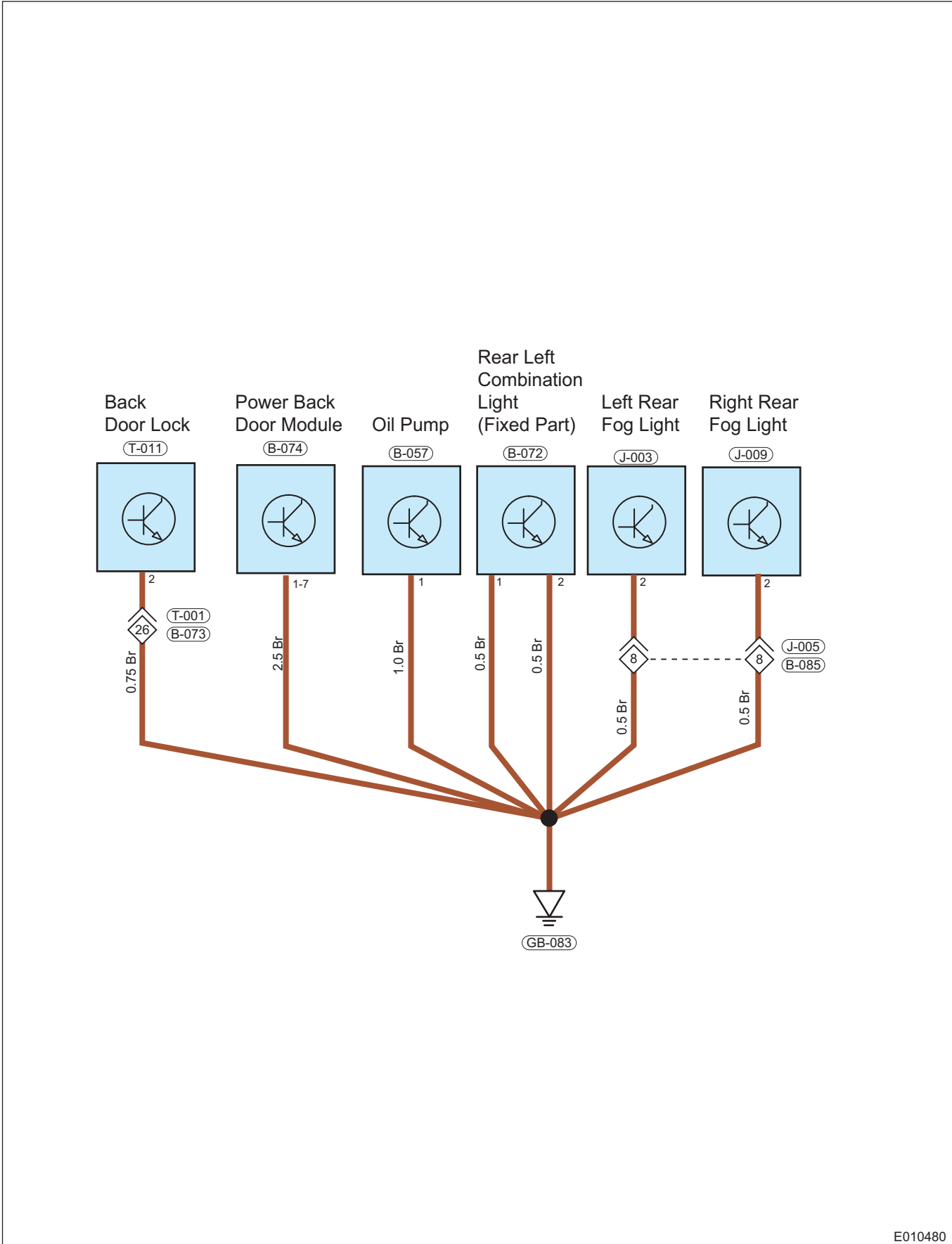
4.3.23, Interior Wire Harness Ground Point GB-061 Ground Wiring Diagram



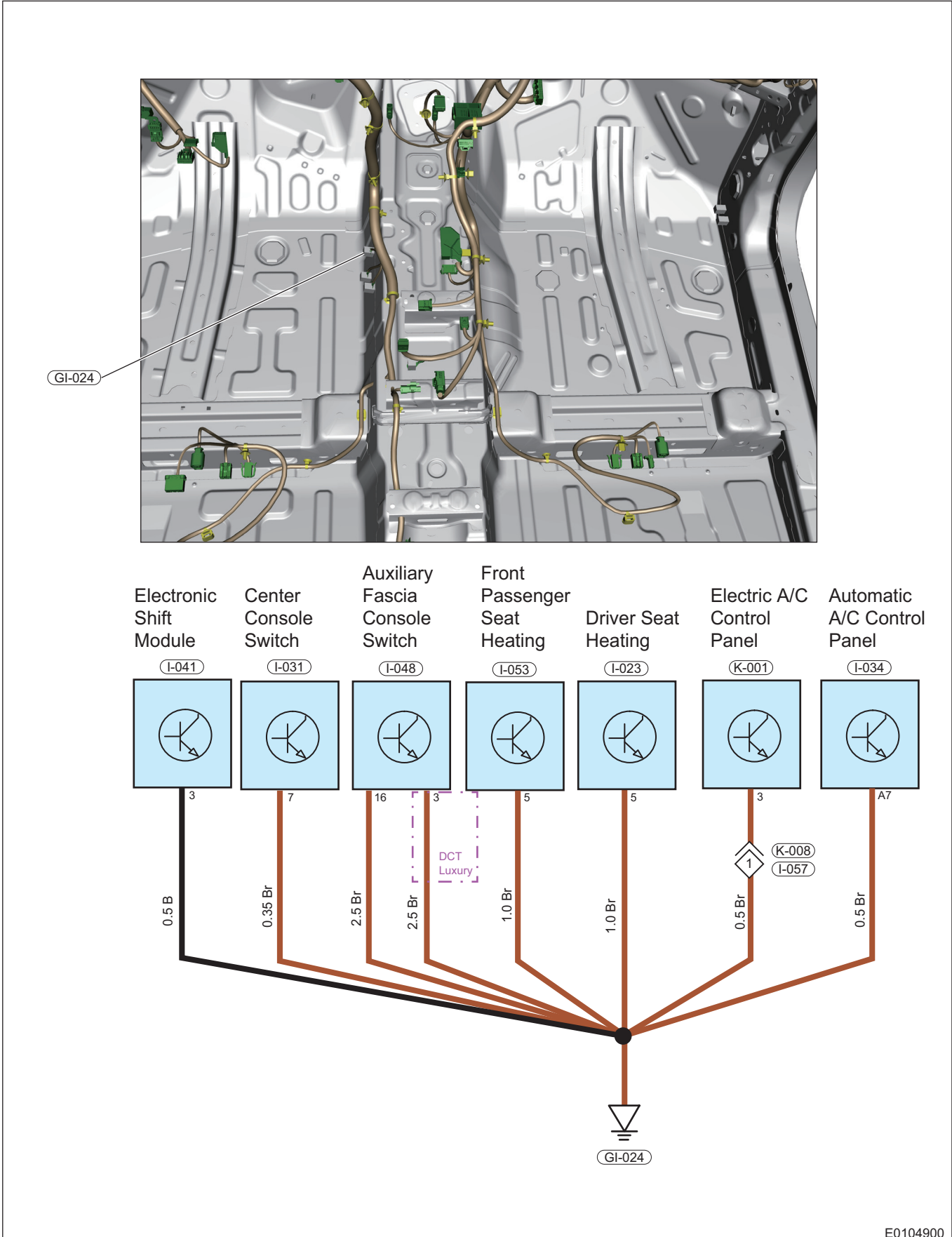
4.3.24, Interior Wire Harness Ground Point GB-083 Ground Wiring Diagram



4.3.25, Meter Wire Harness Ground Point GI-024 Ground Wiring Diagram

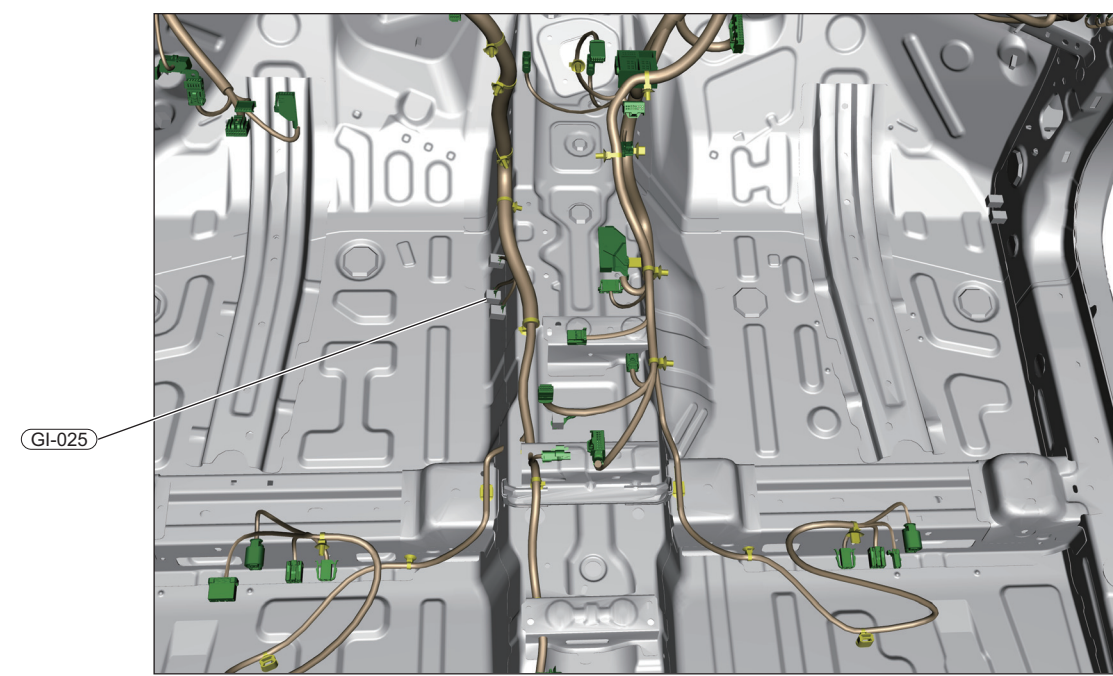
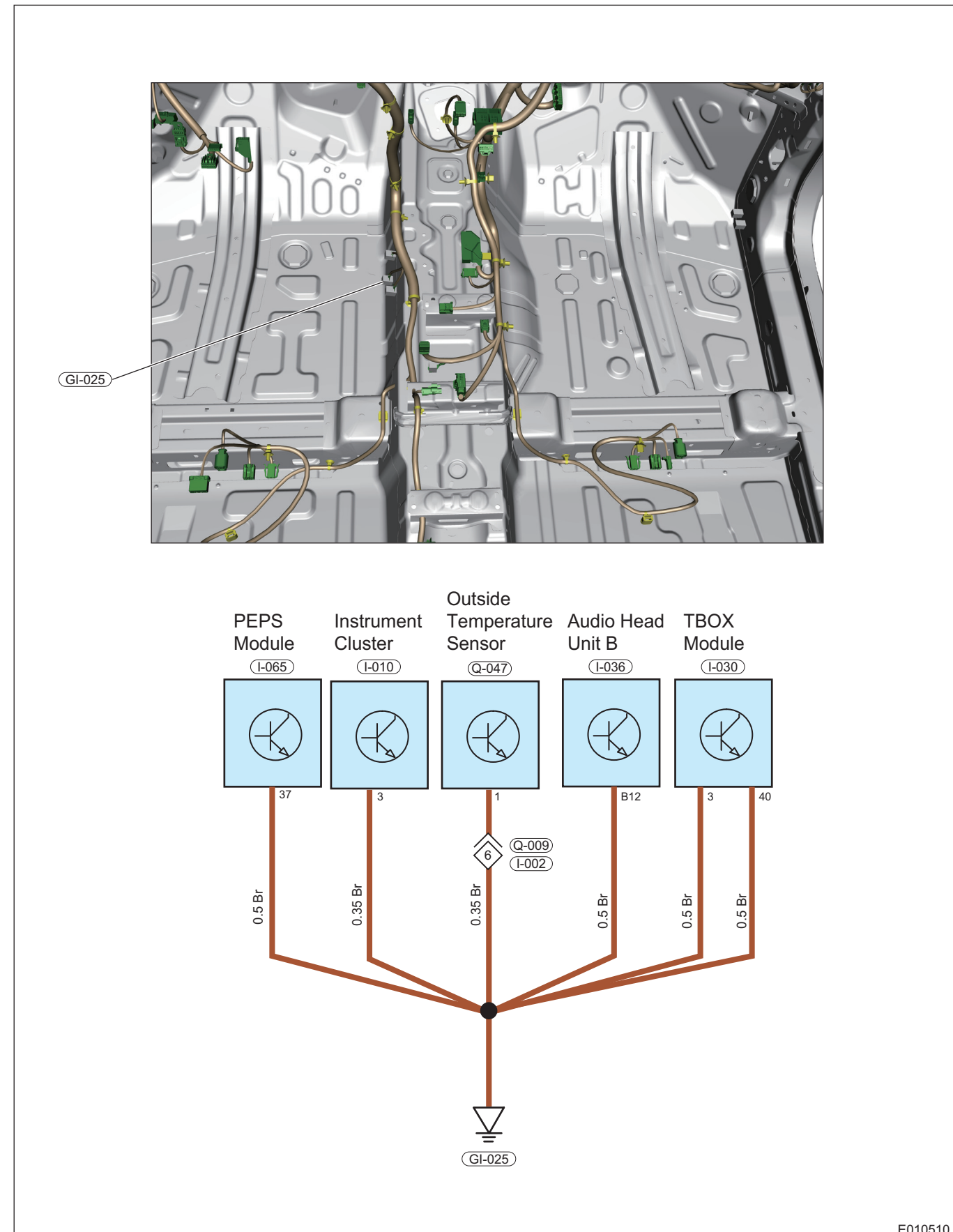
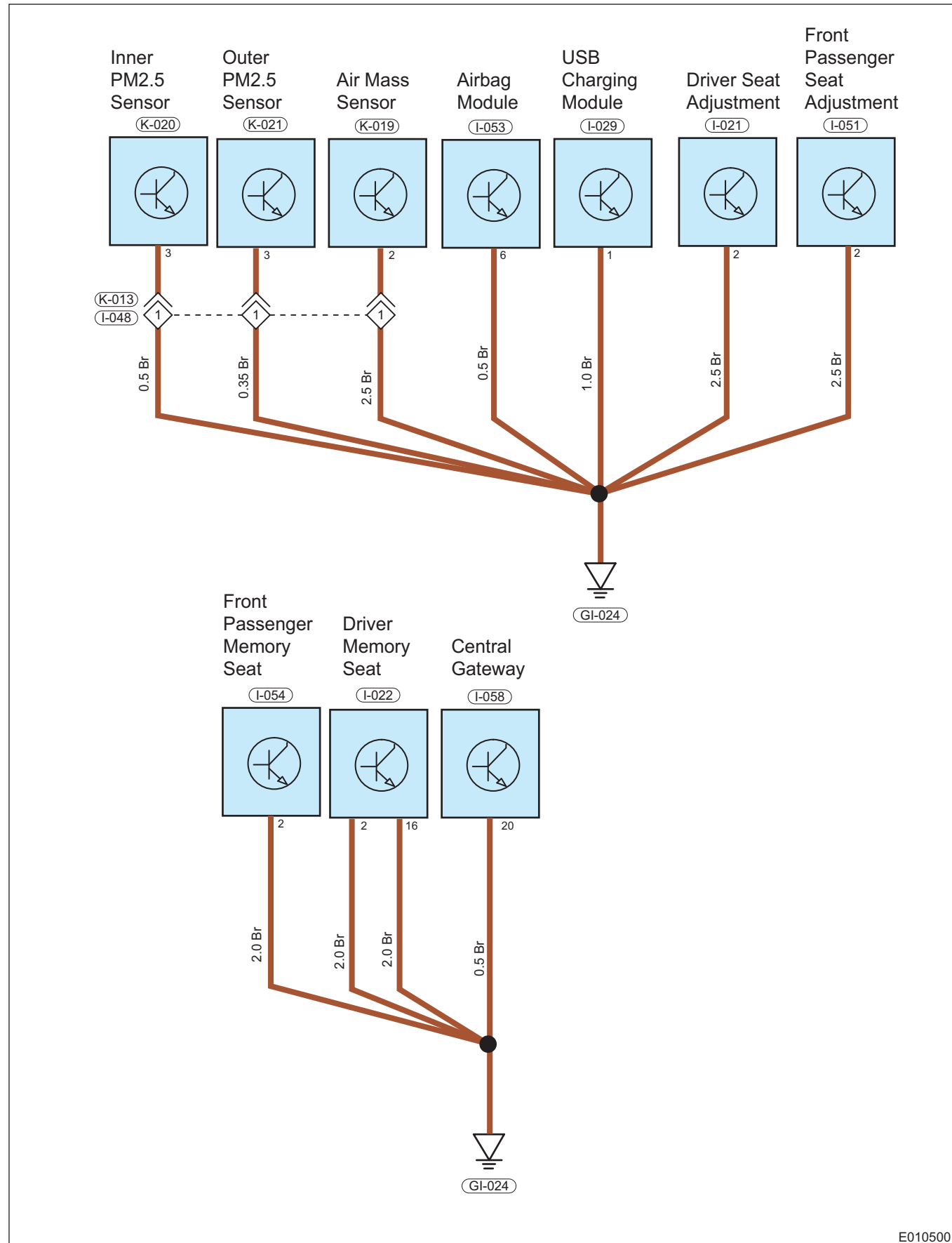


E010480



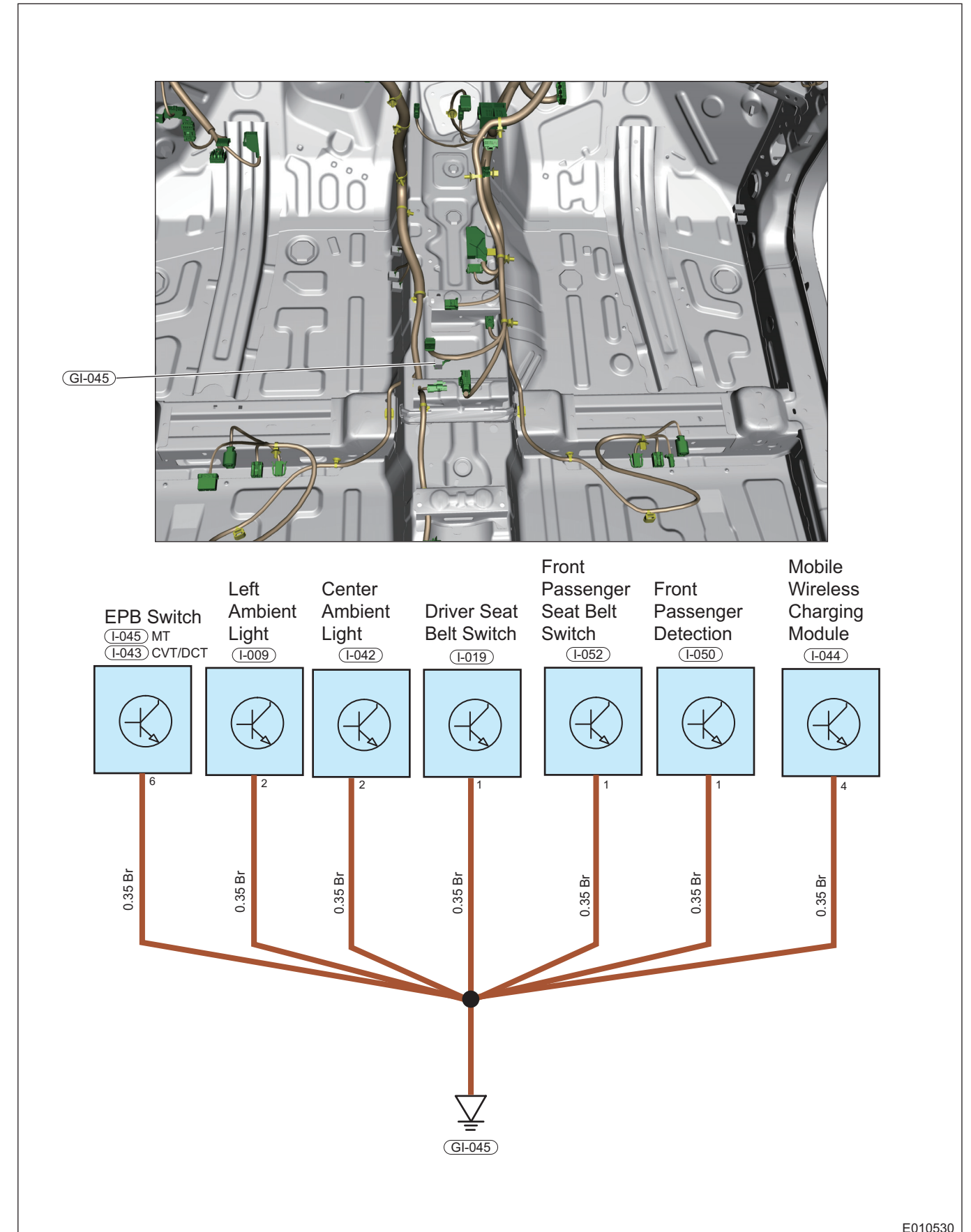
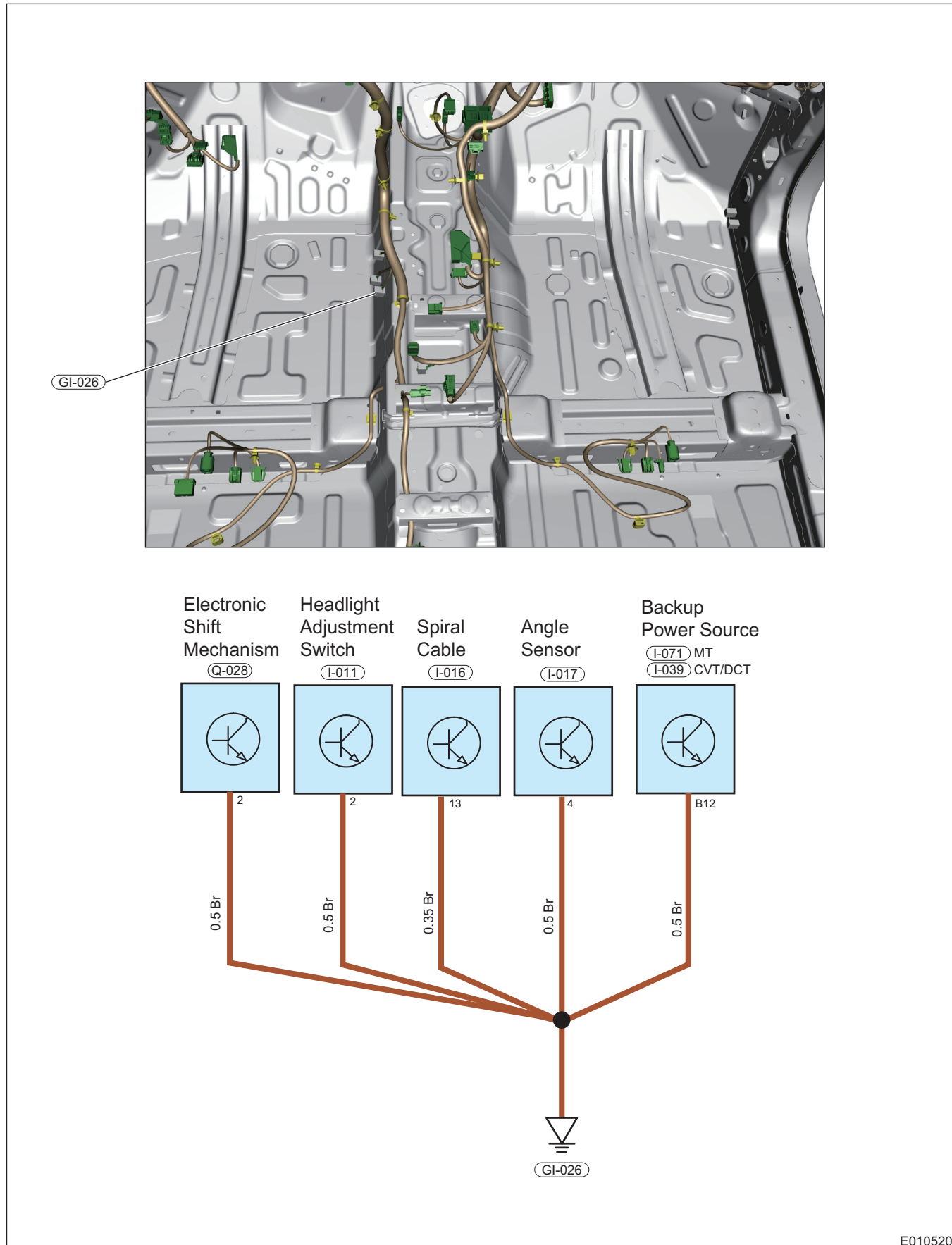
E0104900

4.3.26, Meter Wire Harness Ground Point GI-025 Ground Wiring Diagram



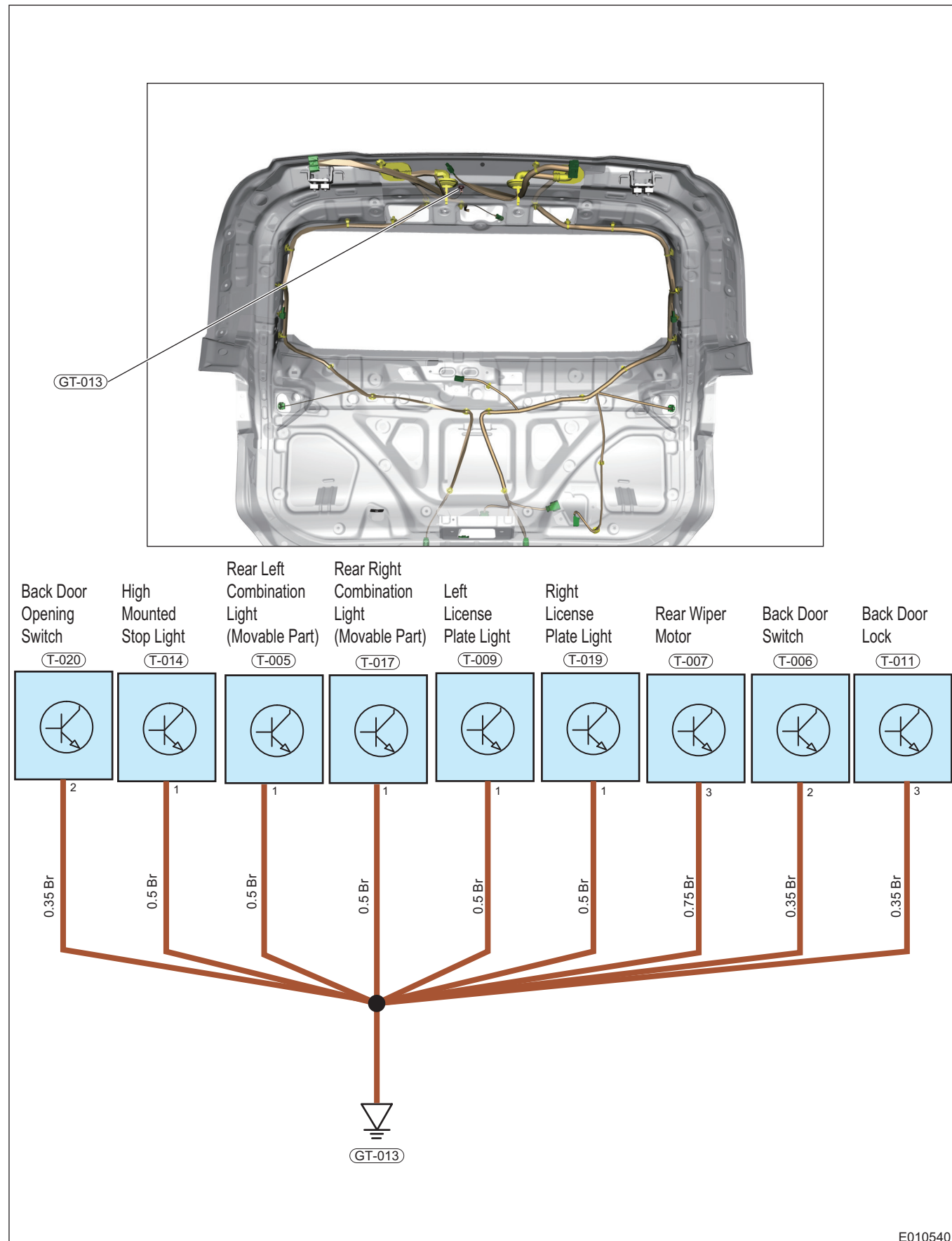
4.3.27, Meter Wire Harness Ground Point GI-026 Ground Wiring Diagram

4.3.28, Meter Wire Harness Ground Point GI-045 Ground Wiring Diagram



CHAPTER 1, DIAGRAM EXPLANATION

4.3.29, Back Door Wire Harness Ground Point GT-013 Ground Wiring Diagram



CHAPTER 2, WIRE HARNESS DIAGRAM

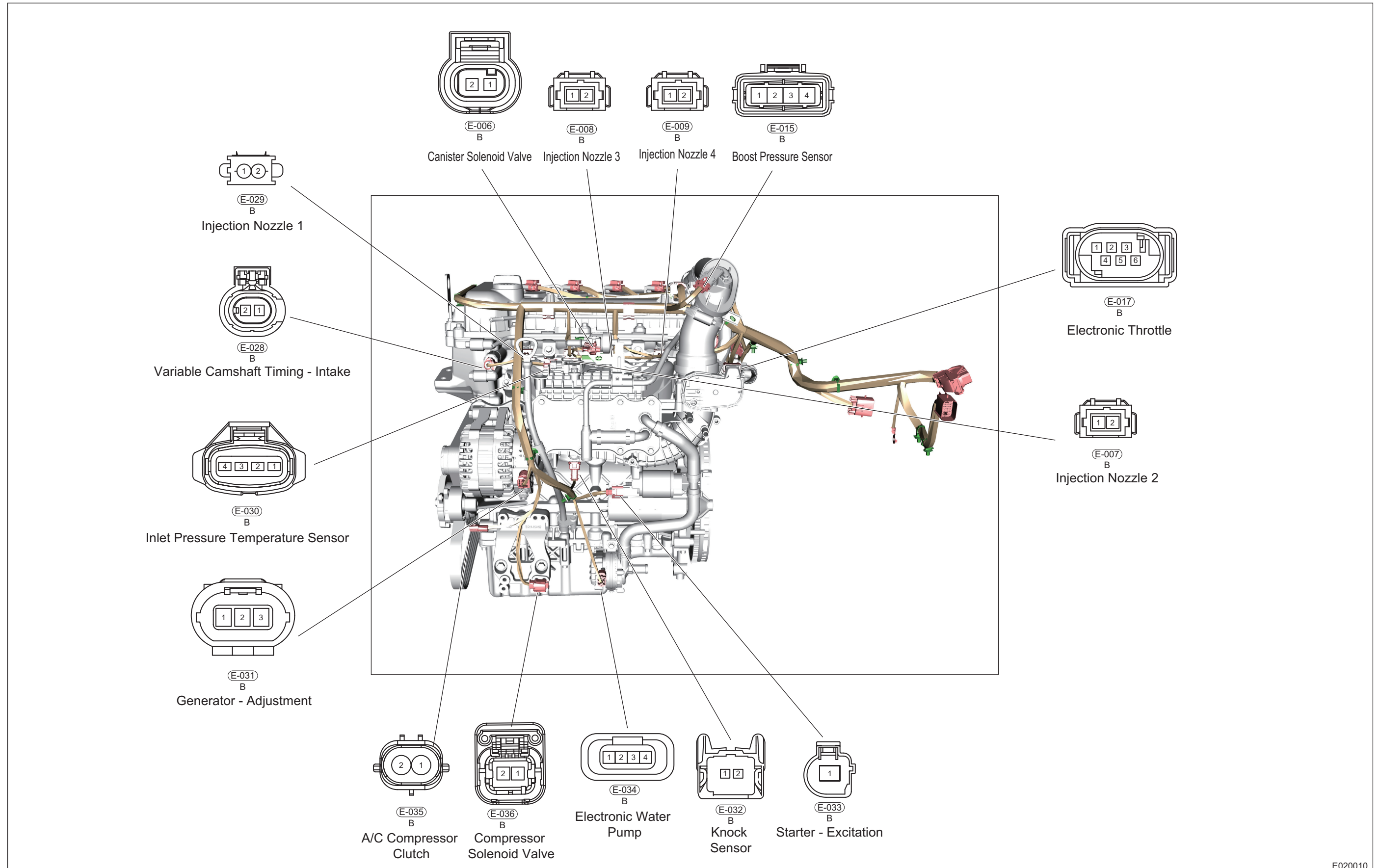
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(1), Engine Electronic Fuel Injection Wire Harness Diagram

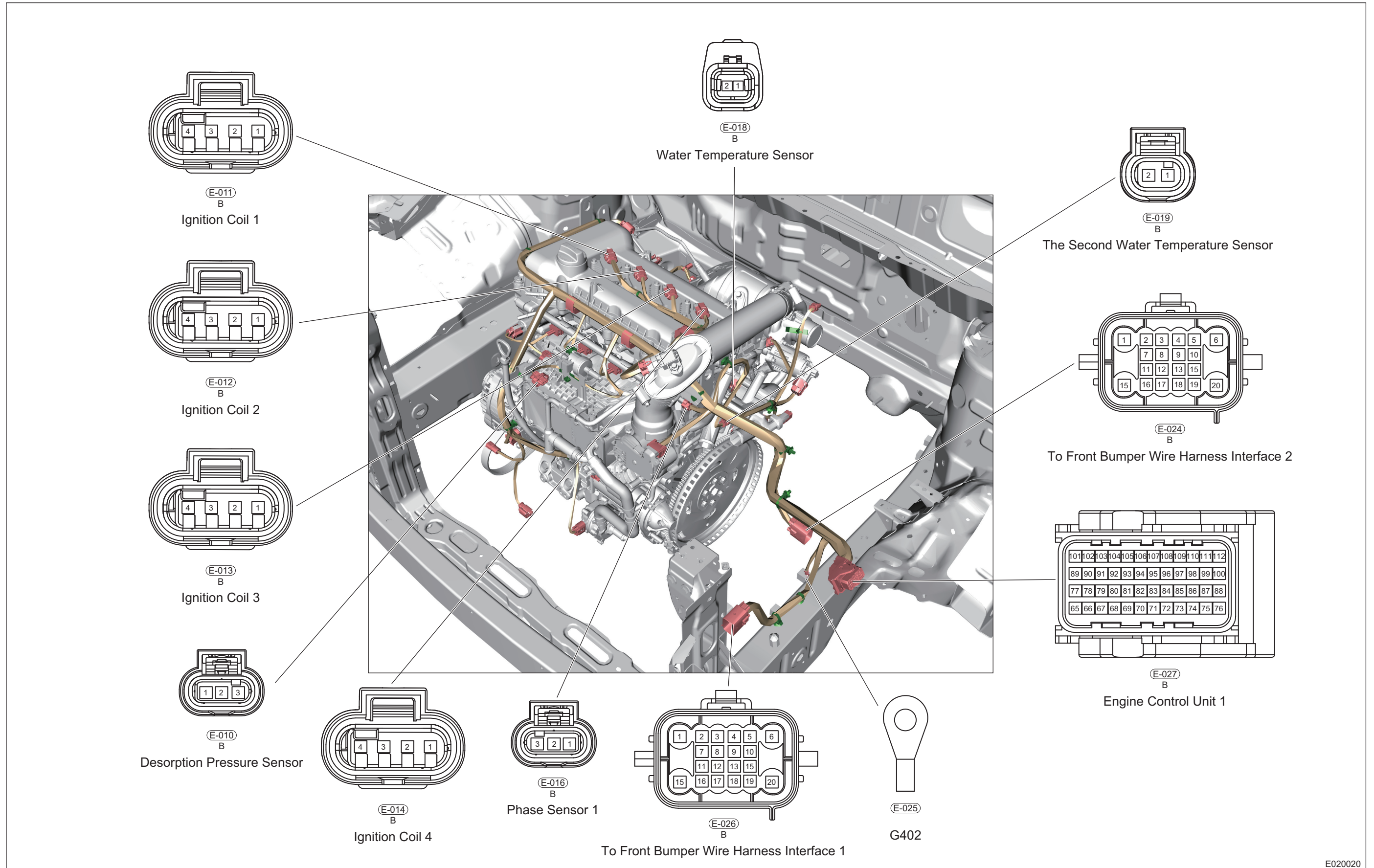
1.1, Engine Electronic Fuel Injection Wire Harness (E4T15C) Connector Location Diagram



E020010

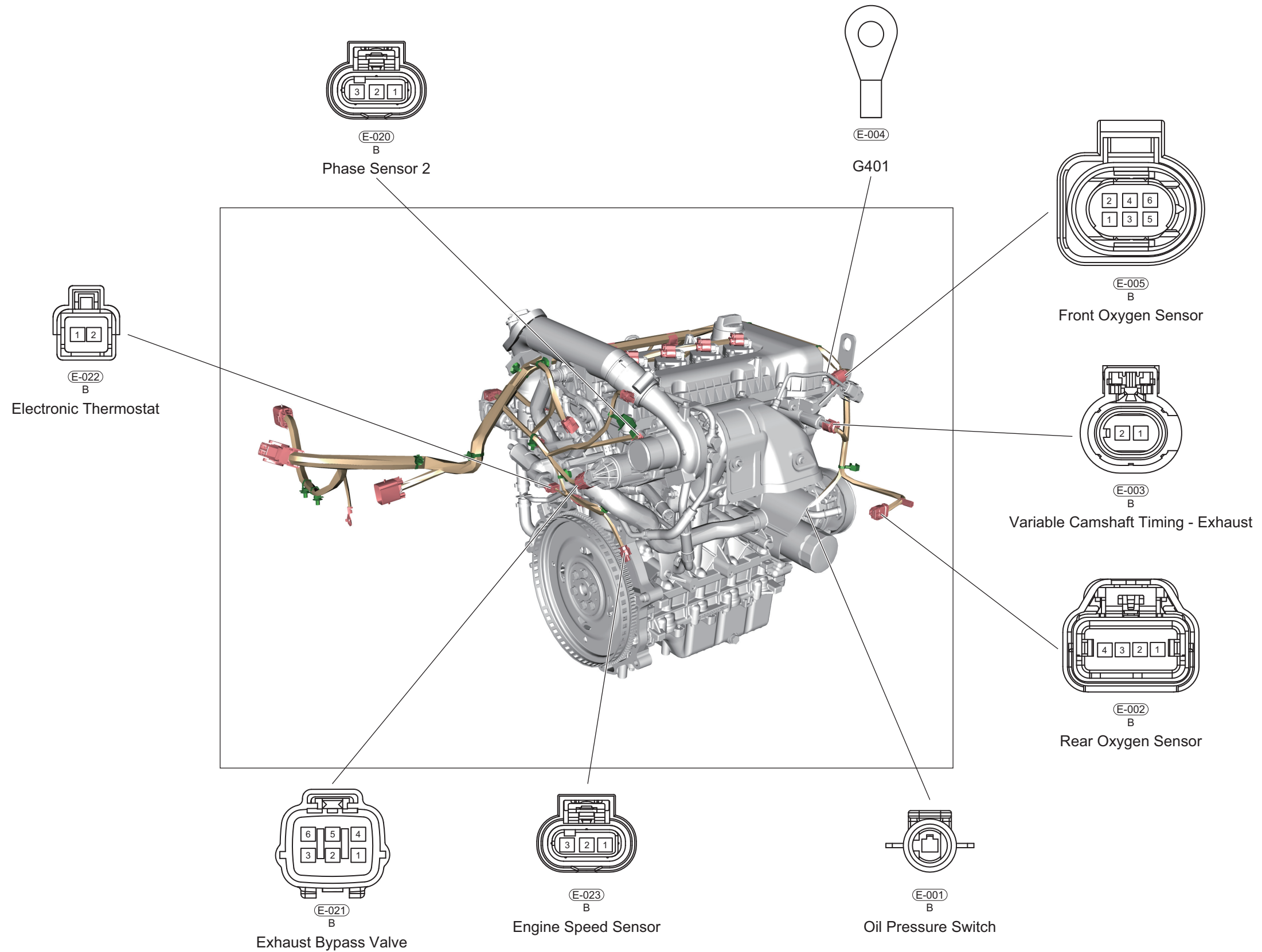
CHAPTER 2, WIRE HARNESS DIAGRAM

1.2, Engine Electronic Fuel Injection Wire Harness (E4T15C) Connector Location Diagram



E020020

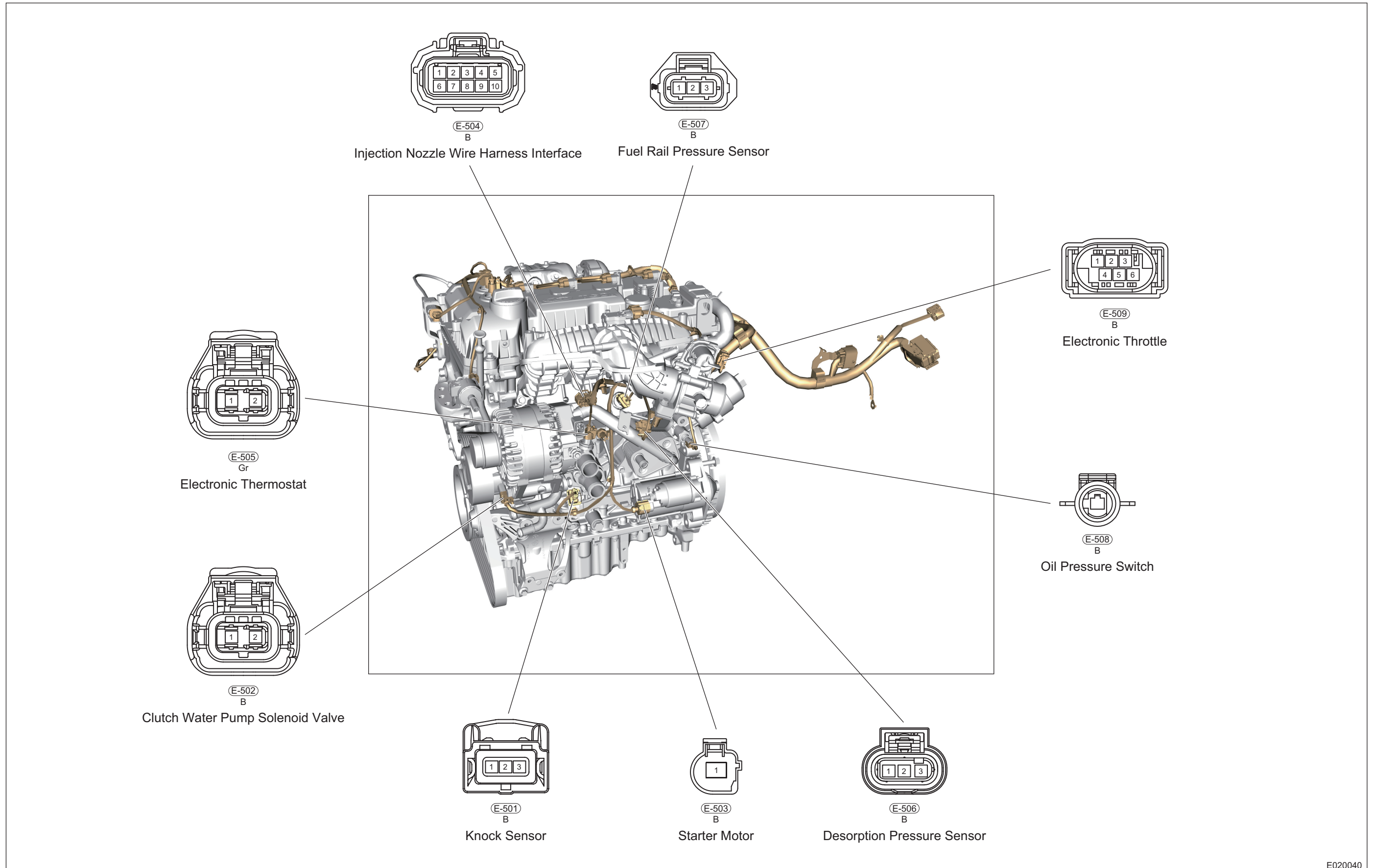
1.3, Engine Electronic Fuel Injection Wire Harness (E4T15C) Connector Location Diagram



E020030

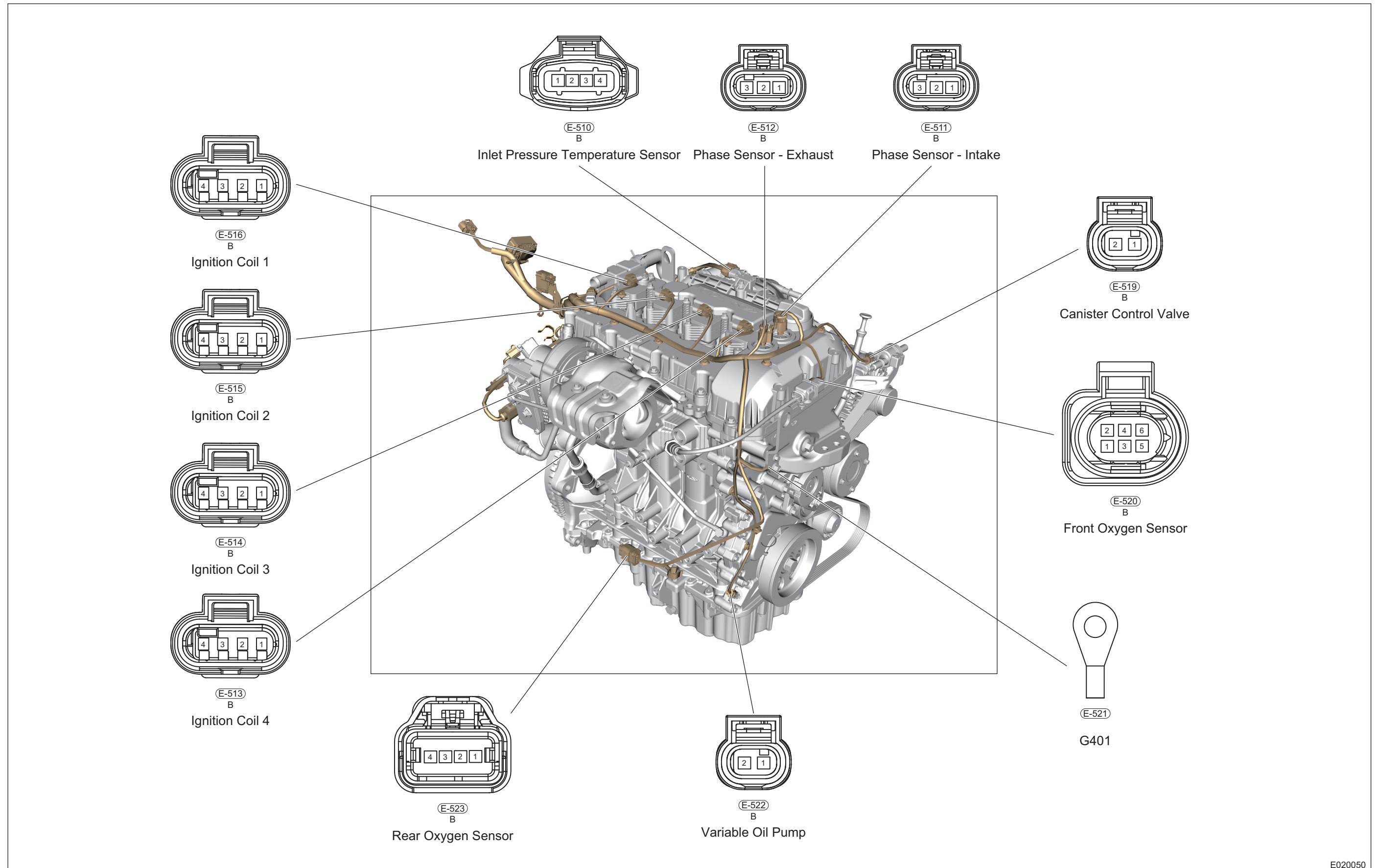
CHAPTER 2, WIRE HARNESS DIAGRAM

1.4, Engine Electronic Fuel Injection Wire Harness (F4J16) Connector Location Diagram



E020040

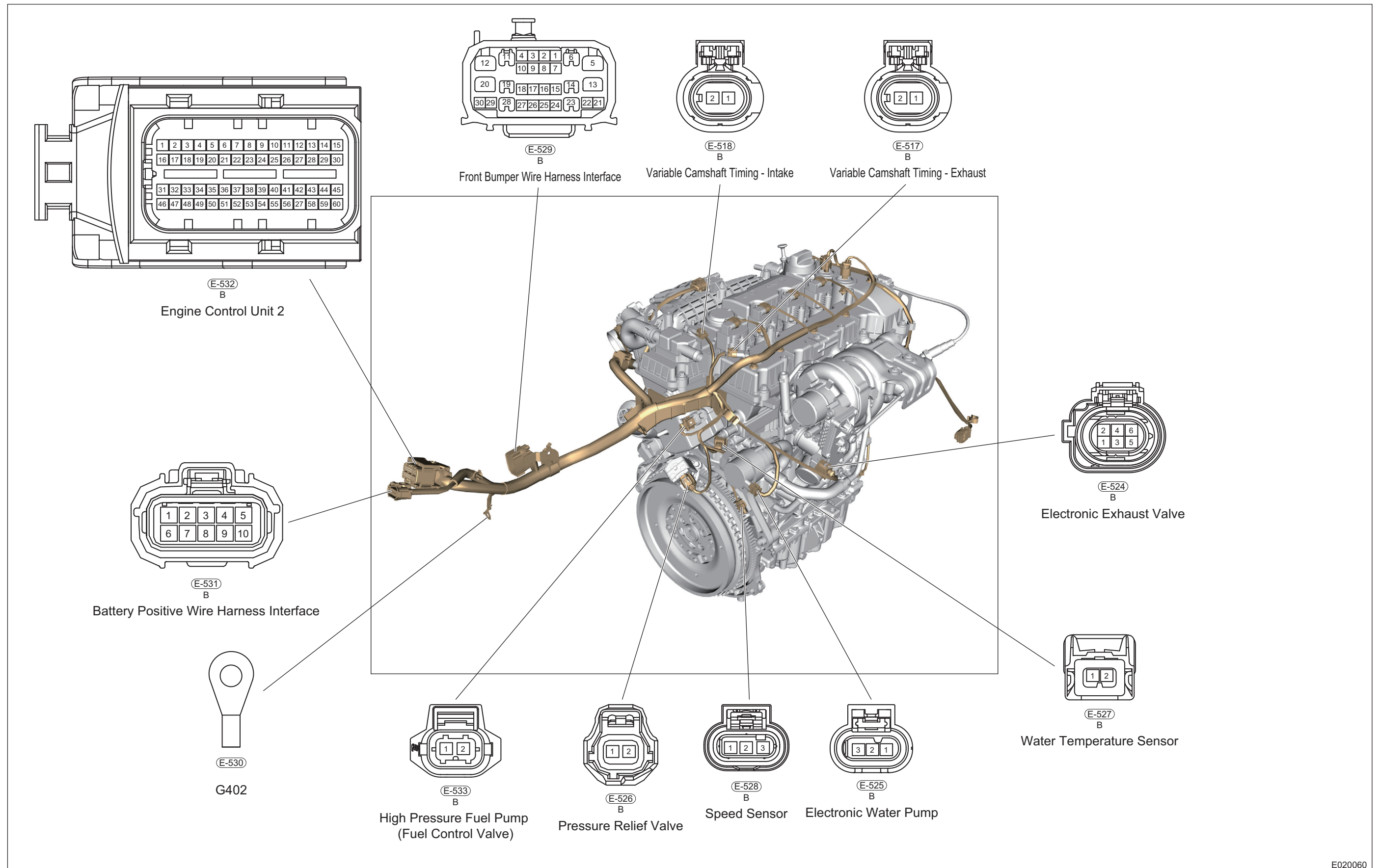
1.5, Engine Electronic Fuel Injection Wire Harness (F4J16) Connector Location Diagram



E020050

CHAPTER 2, WIRE HARNESS DIAGRAM

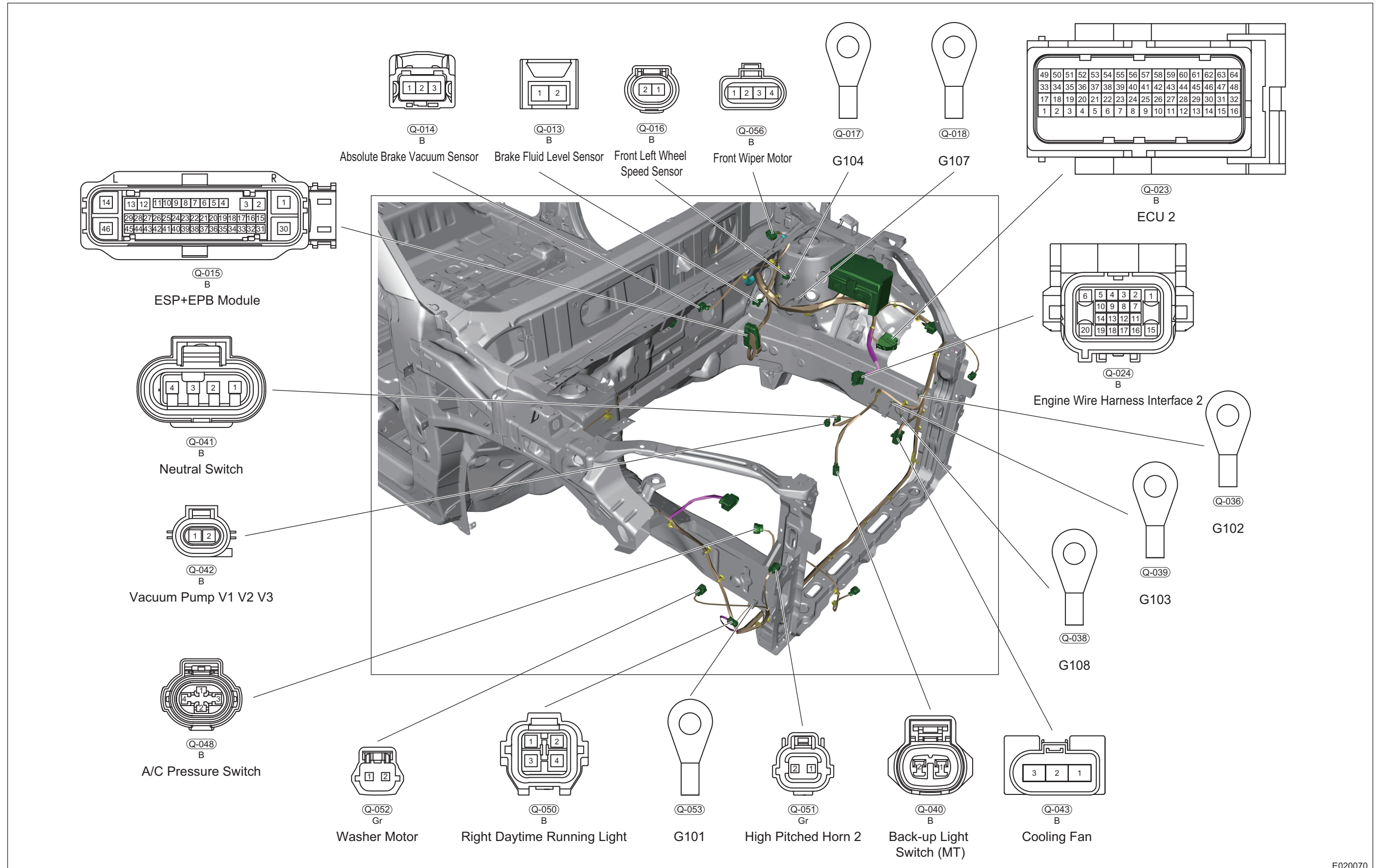
1.6, Engine Electronic Fuel Injection Wire Harness (F4J16) Connector Location Diagram



E020060

(2), Front Bumper Wire Harness Diagram

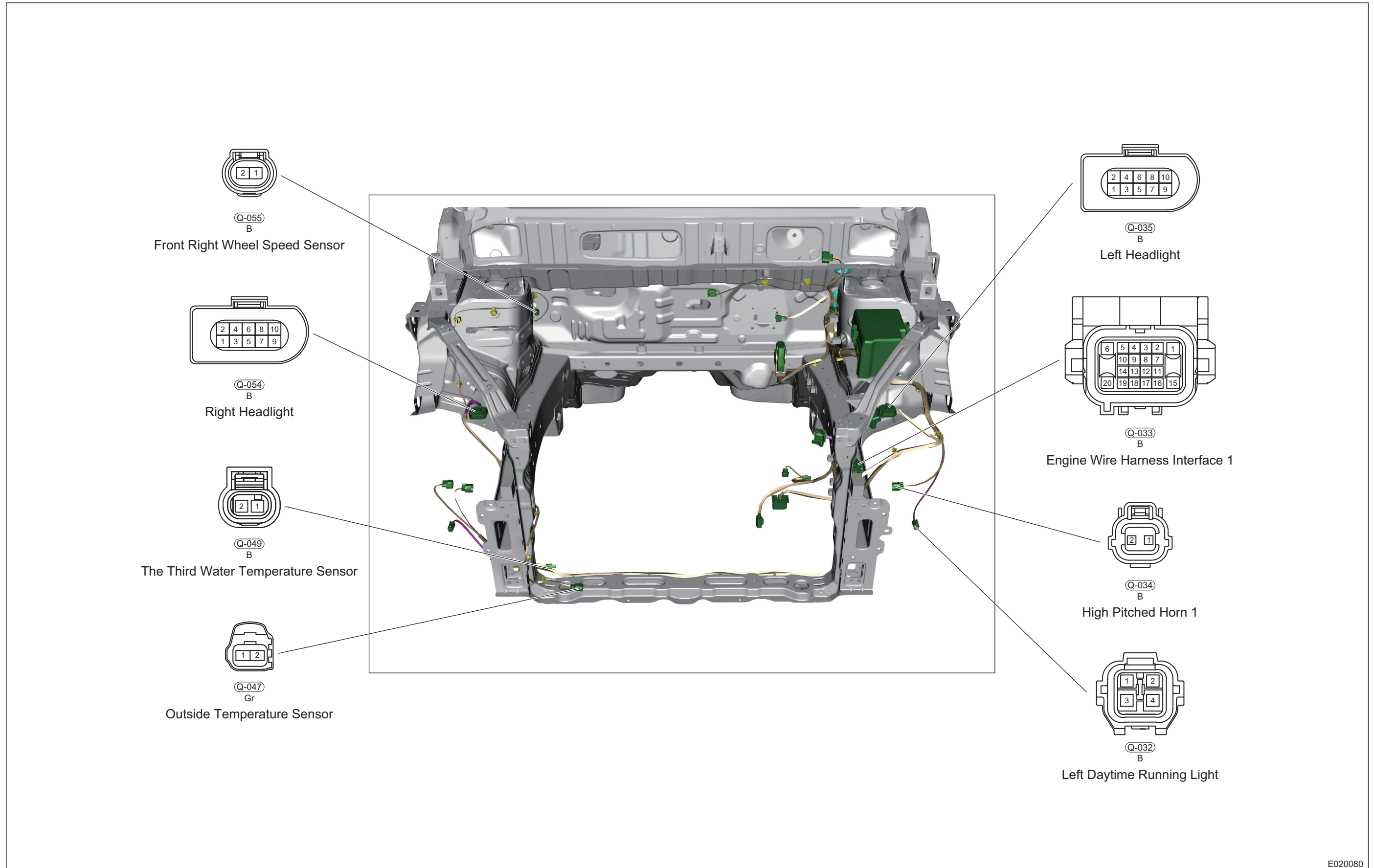
2.1, Front Bumper Wire Harness Connector Location Diagram



E020070

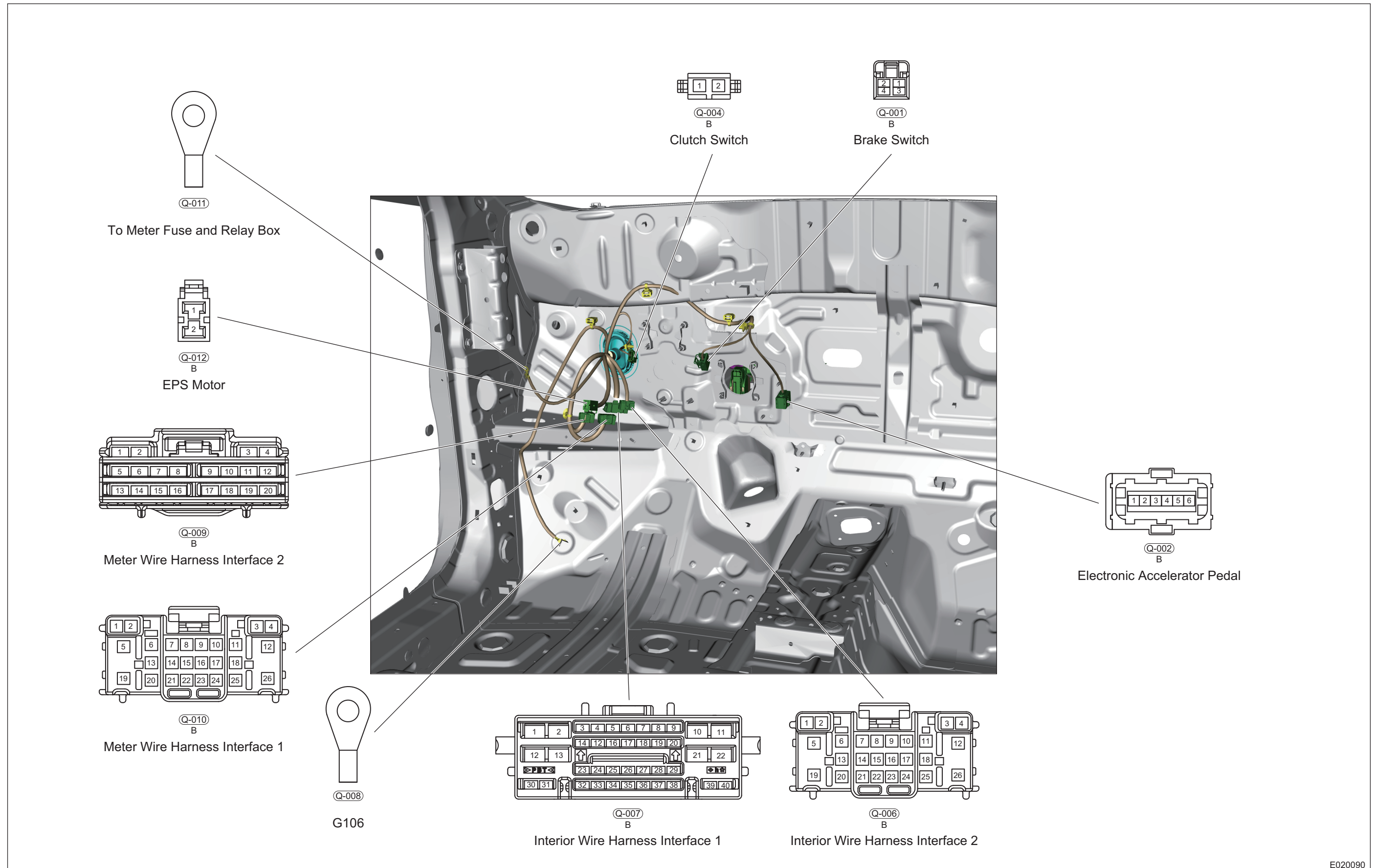
CHAPTER 2, WIRE HARNESS DIAGRAM

2.2, Front Bumper Wire Harness Connector Location Diagram



E020080

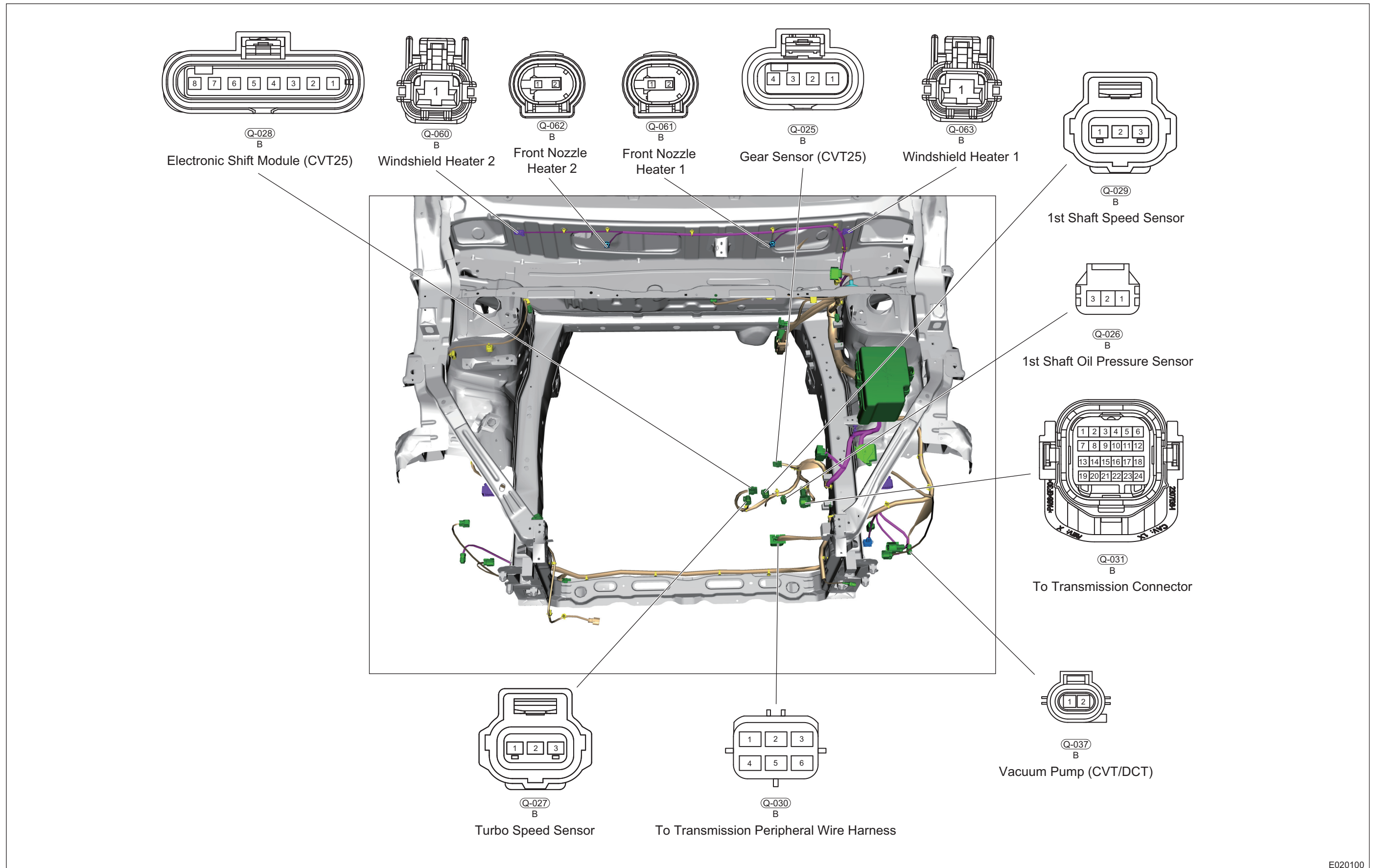
2.3, Front Bumper Wire Harness Connector Location Diagram



E020090

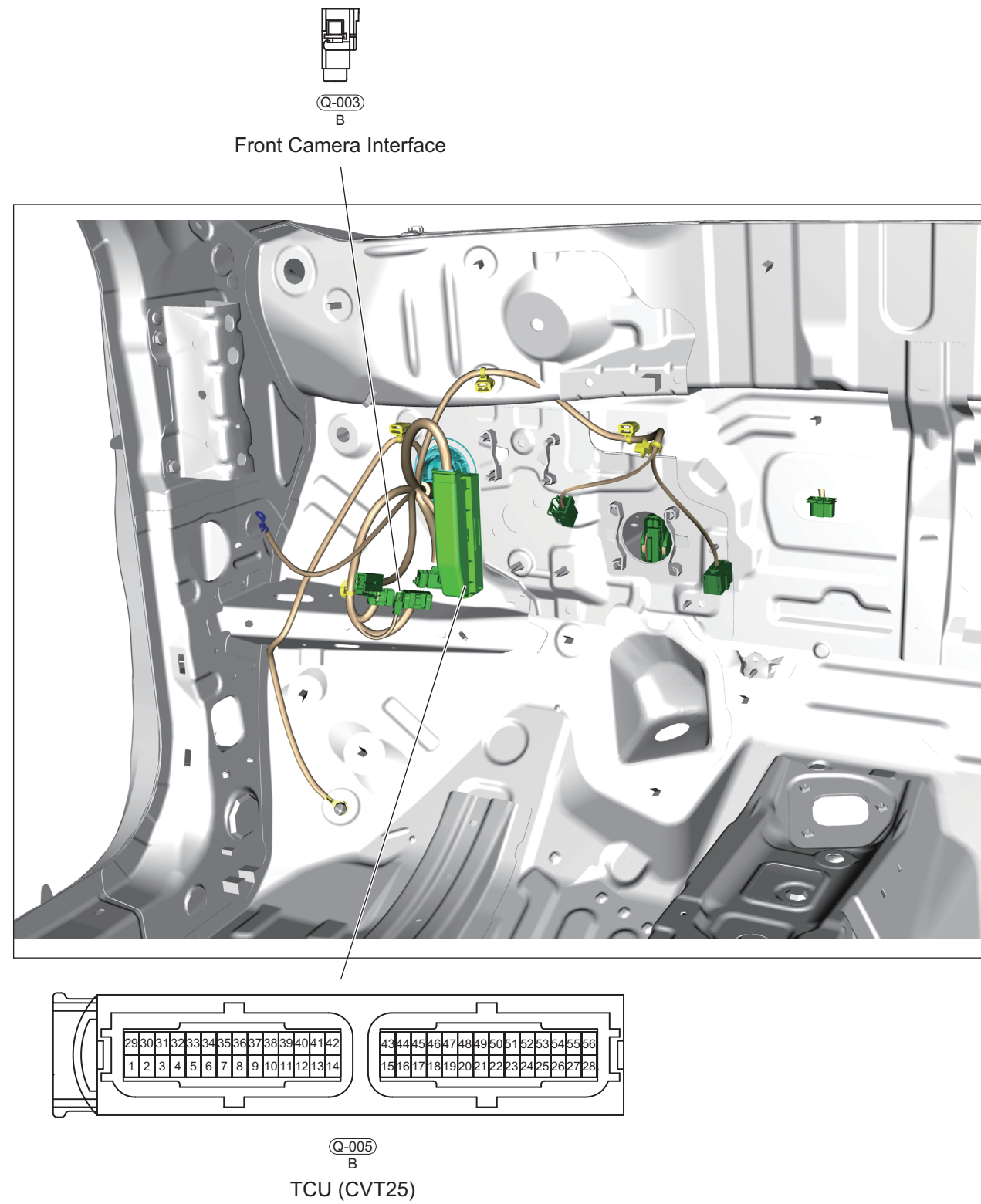
CHAPTER 2, WIRE HARNESS DIAGRAM

2.4, Front Bumper Wire Harness Connector Location Diagram



E020100

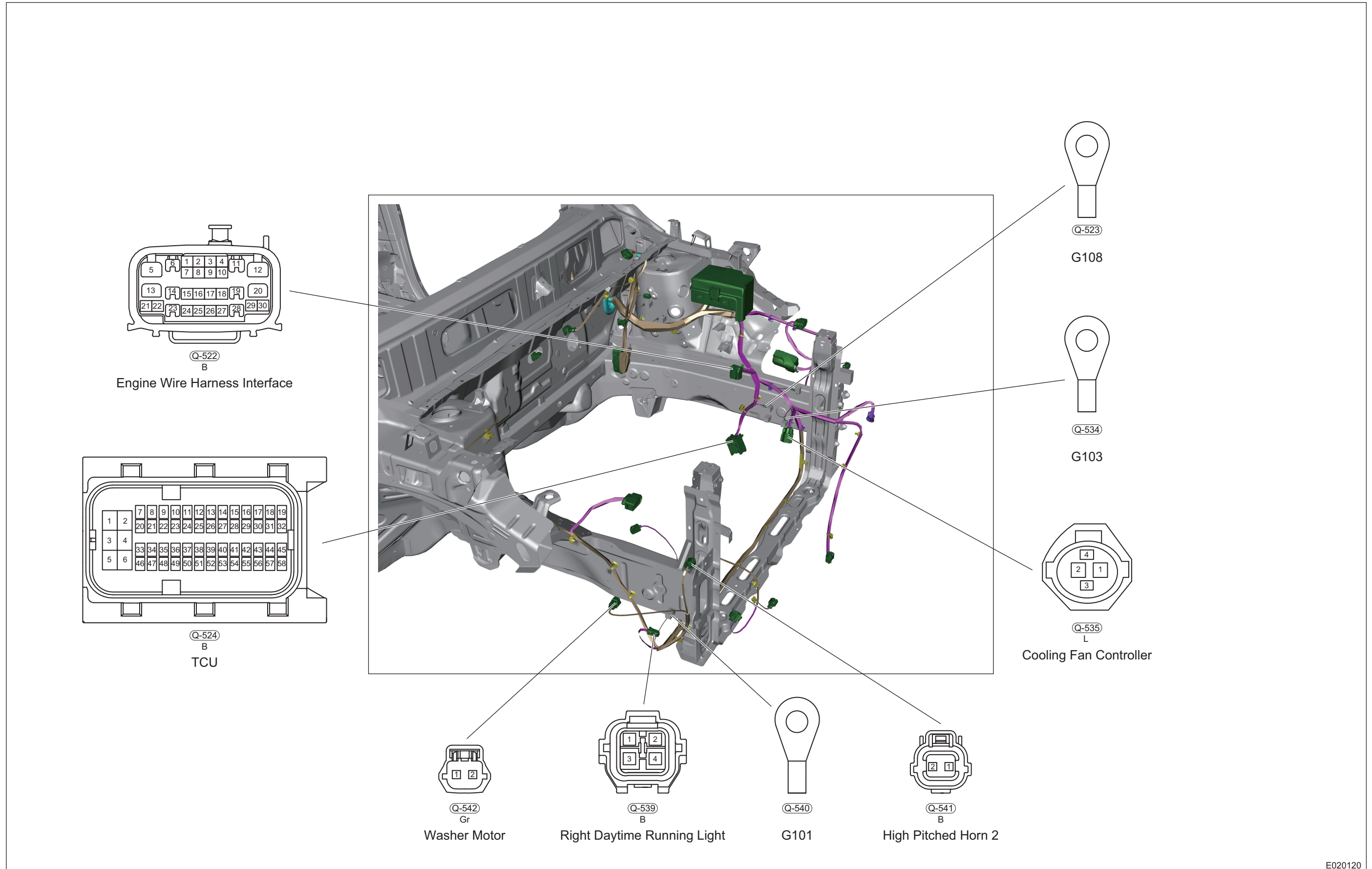
2.5, Front Bumper Wire Harness Connector Location Diagram



E020110

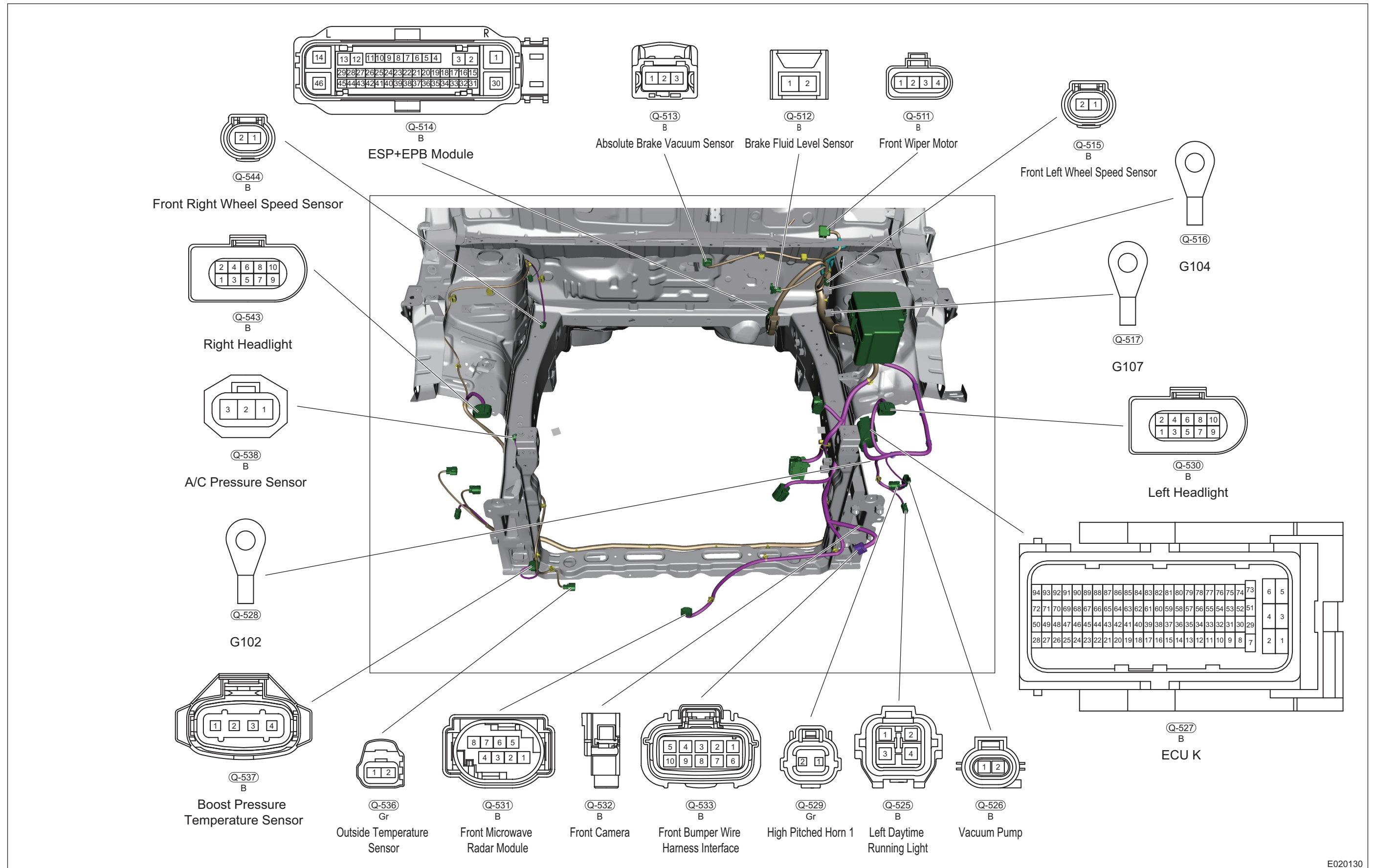
CHAPTER 2, WIRE HARNESS DIAGRAM

2.6, Front Bumper Wire Harness Connector Location Diagram



E020120

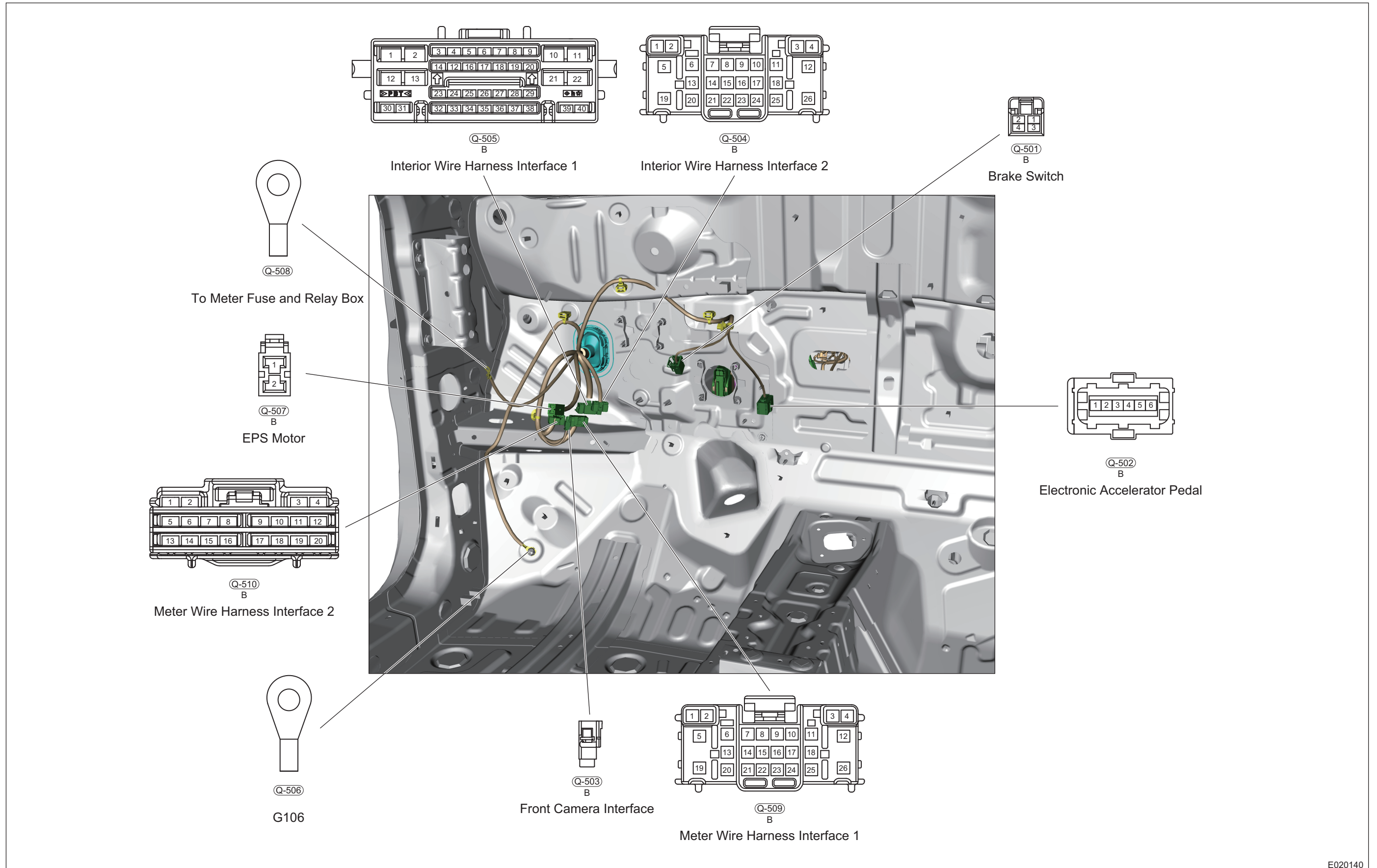
2.7, Front Bumper Wire Harness Connector Location Diagram



E020130

CHAPTER 2, WIRE HARNESS DIAGRAM

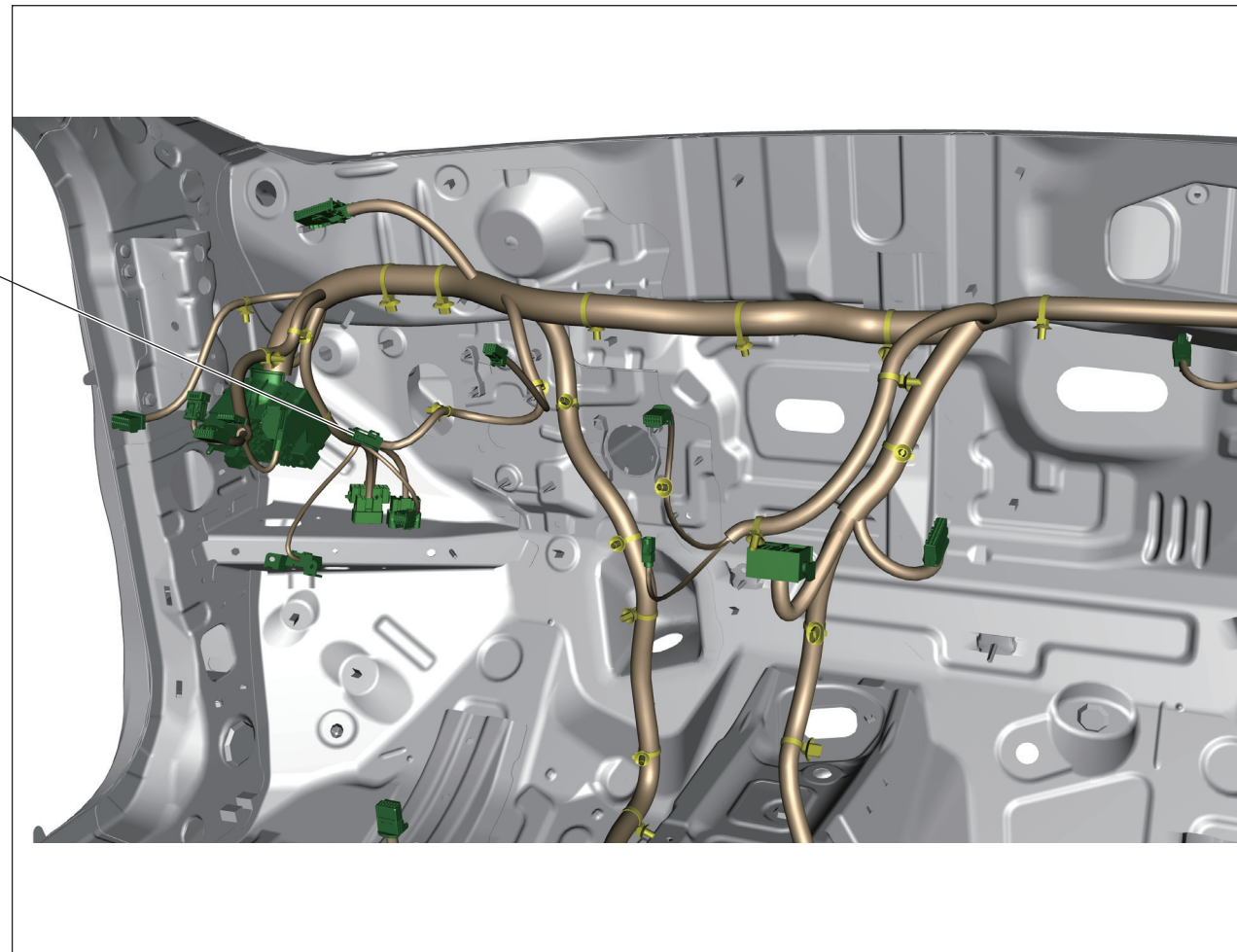
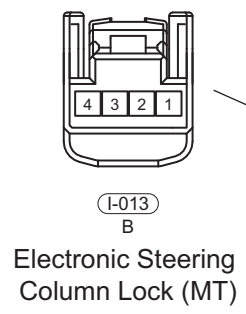
2.8, Front Bumper Wire Harness Connector Location Diagram



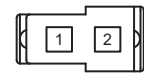
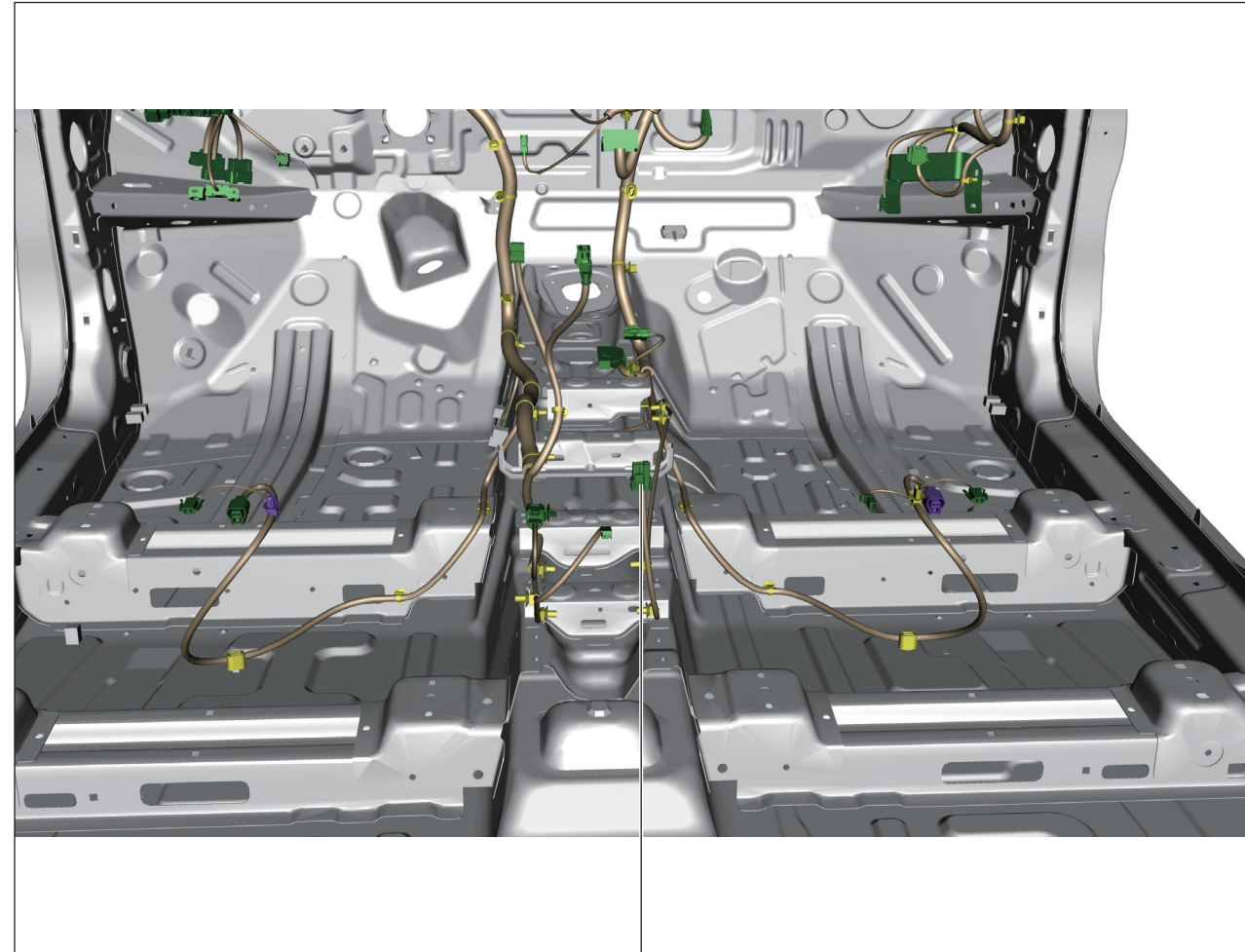
E020140

(3), Instrument Panel Wire Harness Diagram

3.1, Instrument Panel Wire Harness Connector Location Diagram



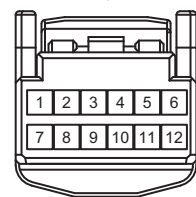
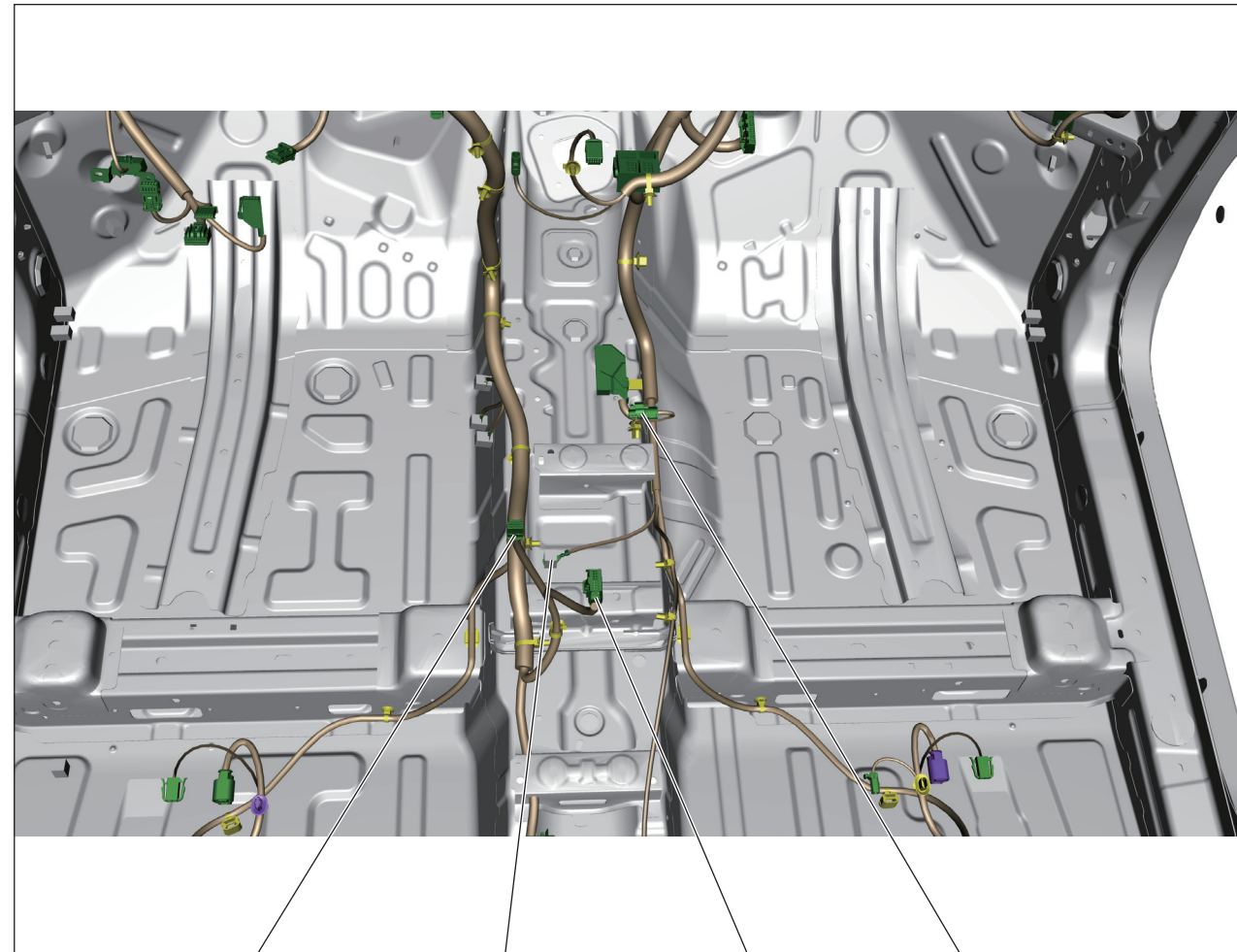
3.2, Instrument Panel Wire Harness Connector Location Diagram



1-071
B

Backup Power Source MT

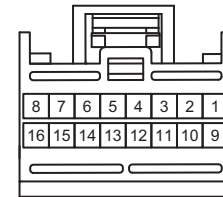
3.3, Instrument Panel Wire Harness Connector Location Diagram



I-046
B
EPB Switch MT



I-045
G504



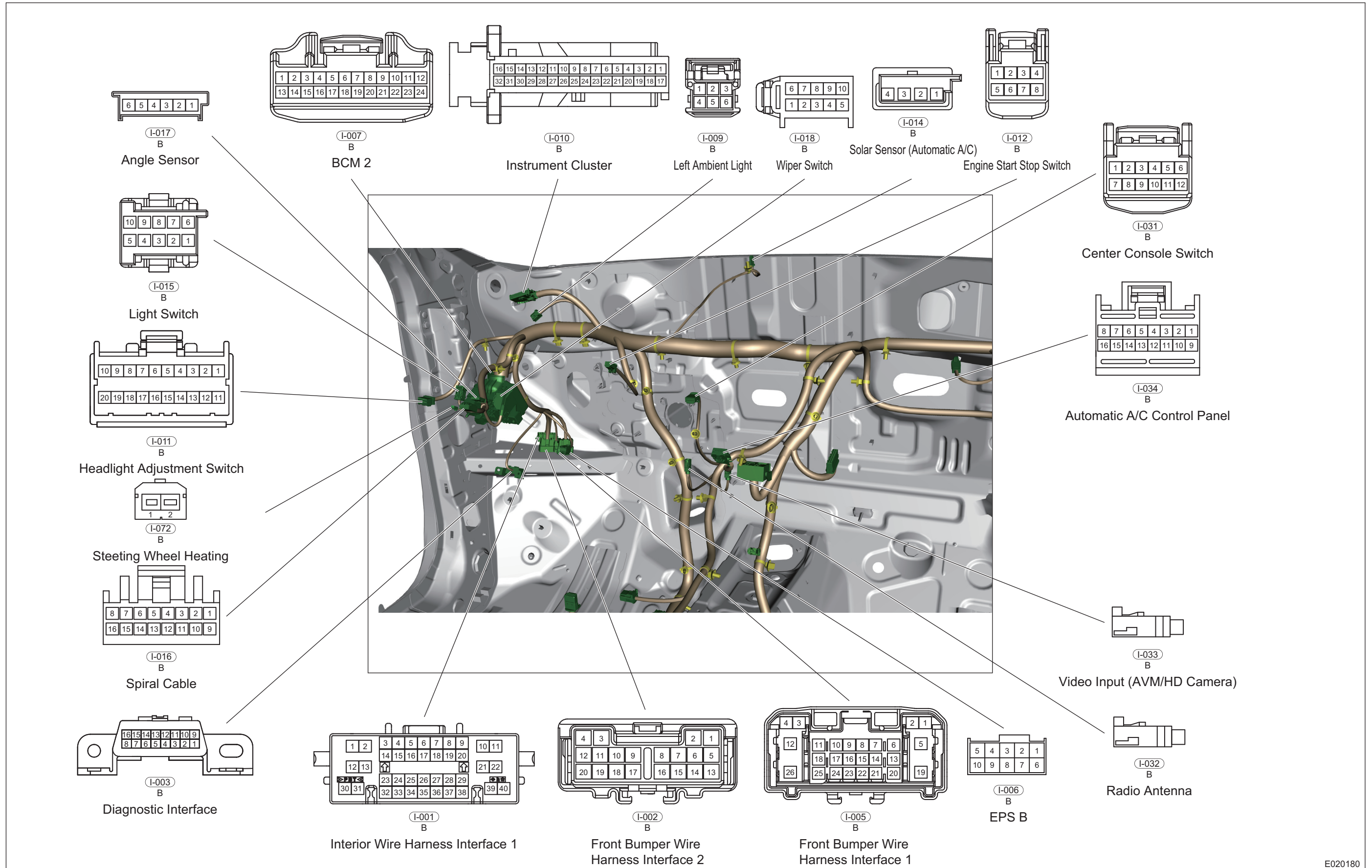
I-047
B
Auxiliary Fascia
Console Switch MT



I-040
B
Front Low Frequency
Antenna MT

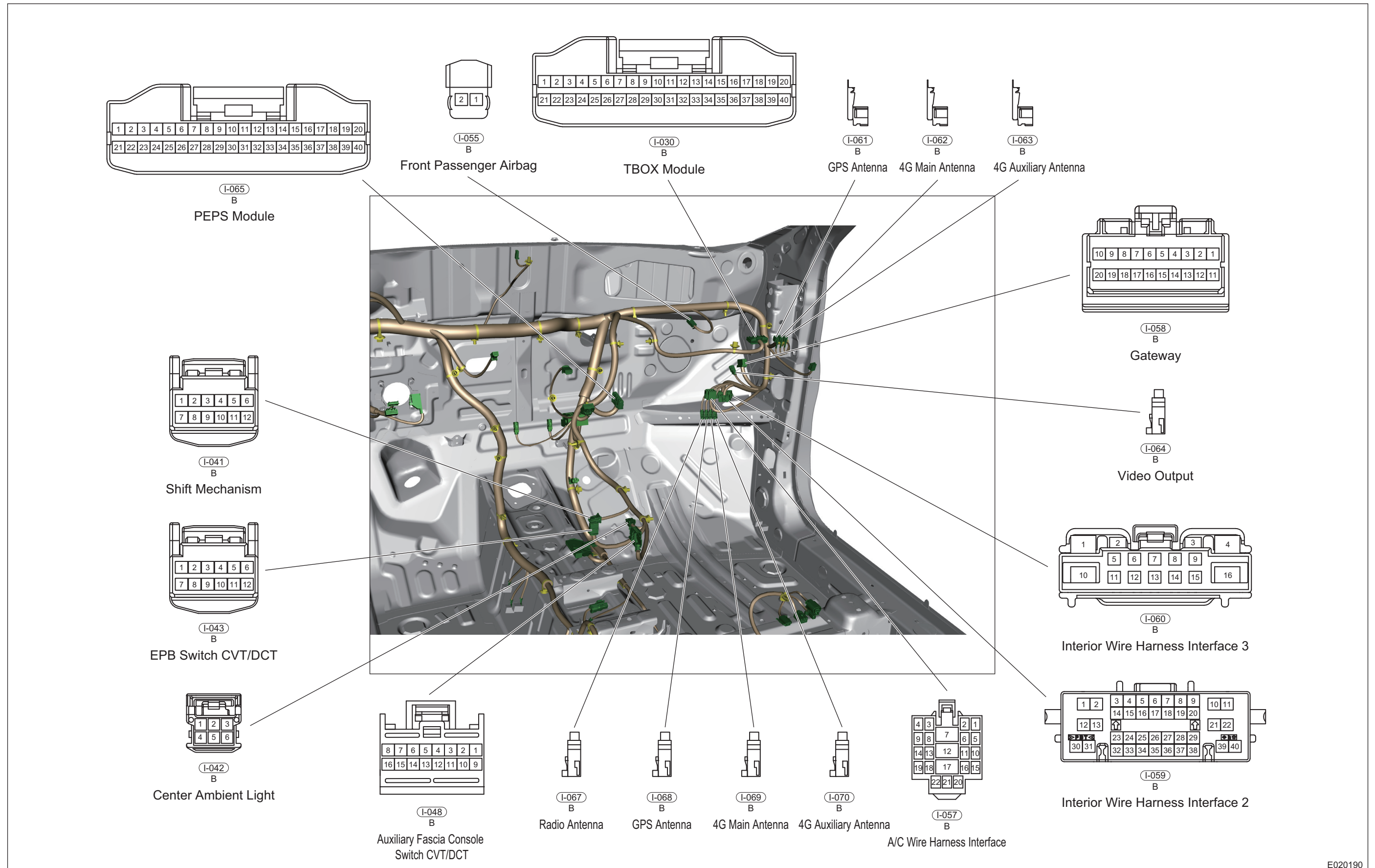
CHAPTER 2, WIRE HARNESS DIAGRAM

3.4, Instrument Panel Wire Harness Connector Location Diagram



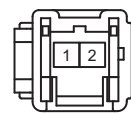
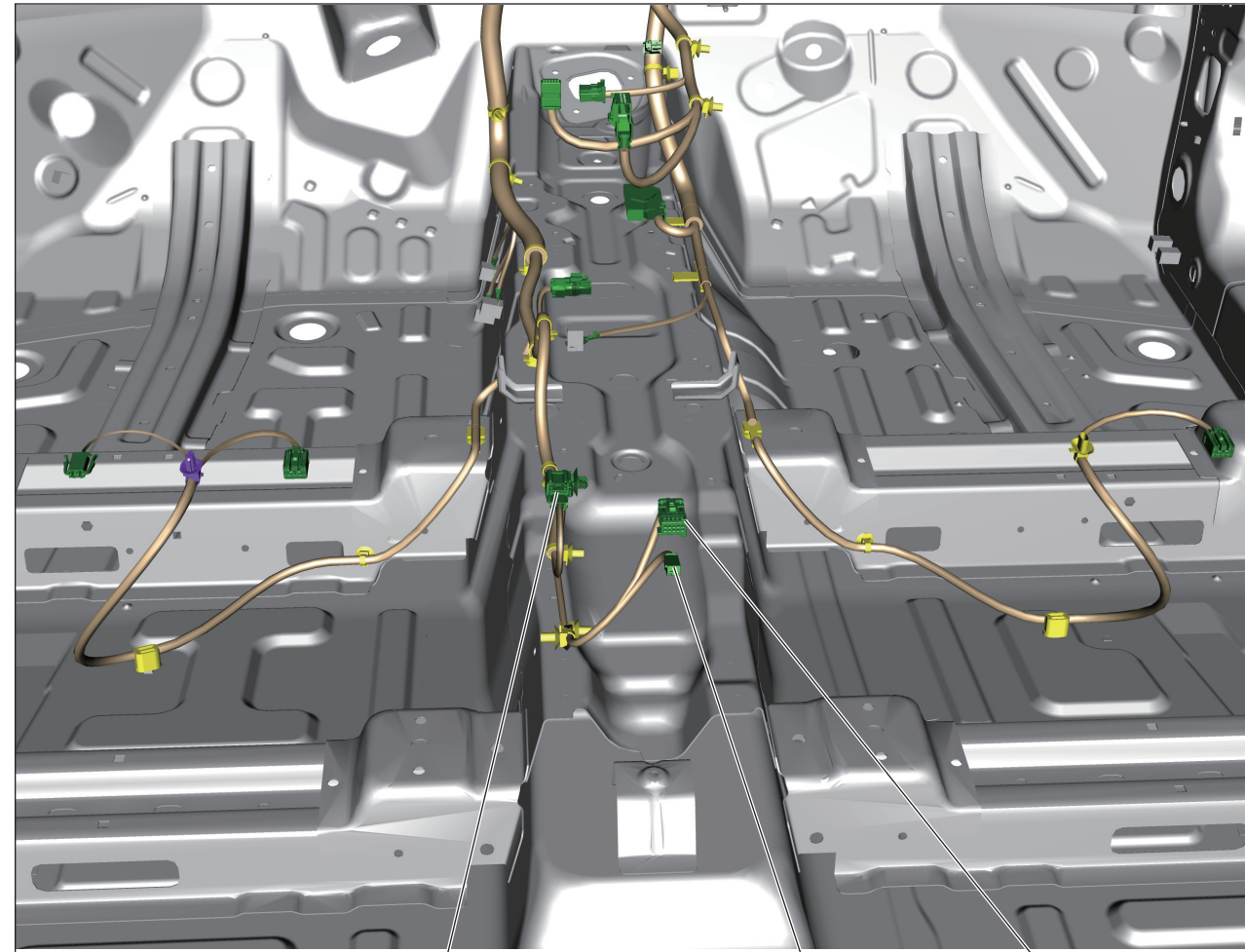
E020180

3.5, Instrument Panel Wire Harness Connector Location Diagram



E020190

3.6, Instrument Panel Wire Harness Connector Location Diagram



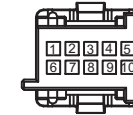
I-028
B

Anti-theft Coil



I-029
B

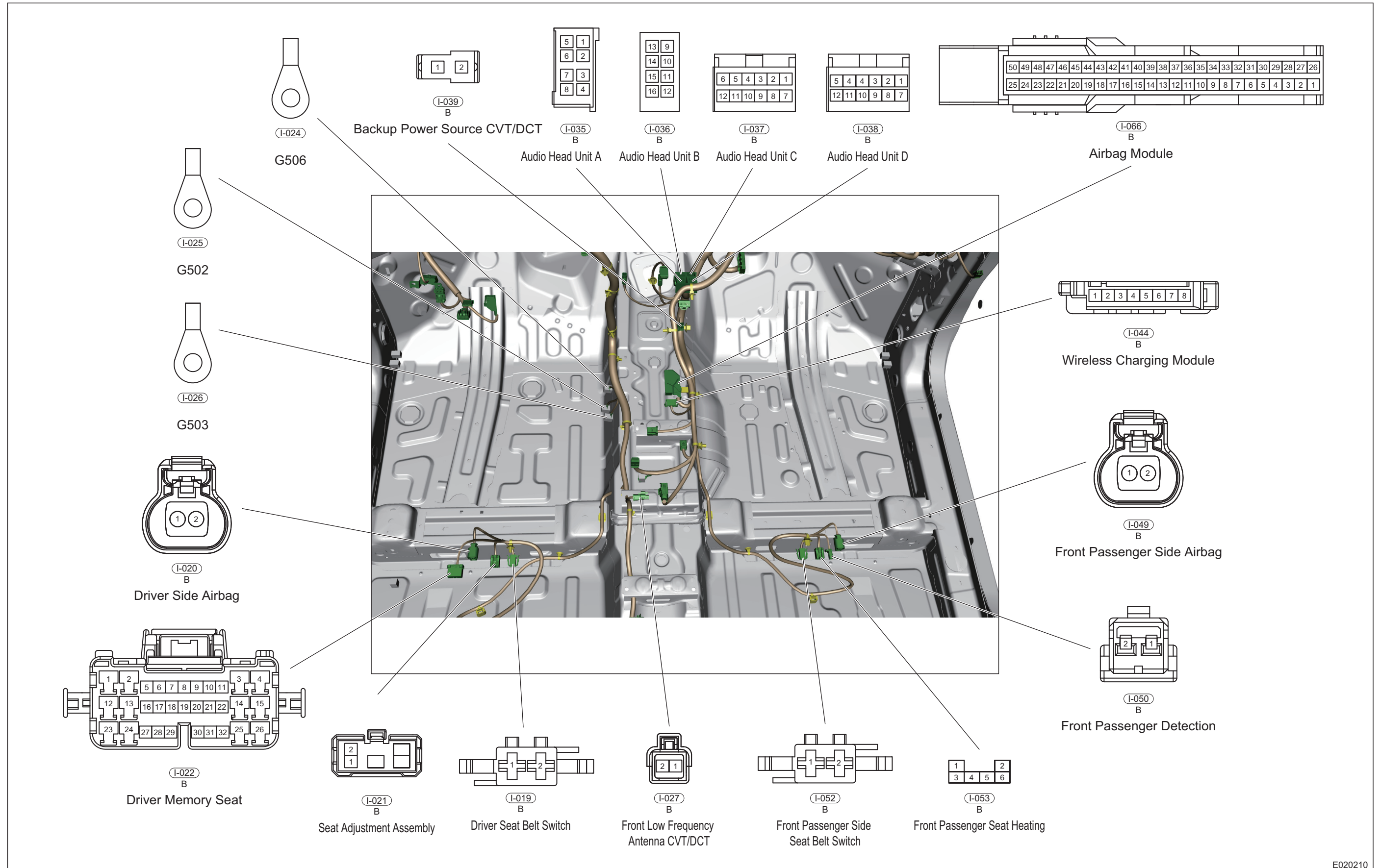
USB Charging Module



I-073
B

Seat Heating Switch

3.7, Instrument Panel Wire Harness Connector Location Diagram

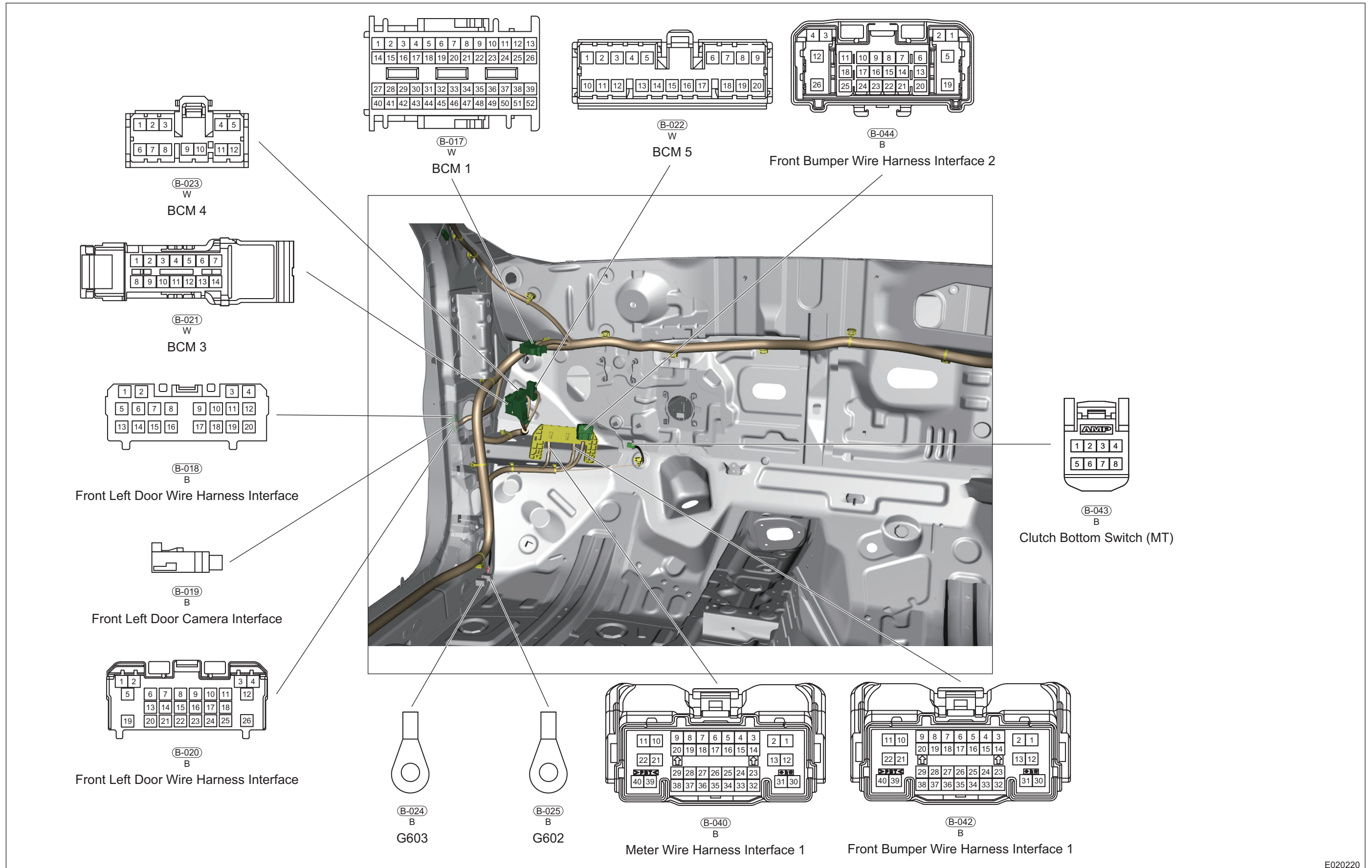


E020210

CHAPTER 2, WIRE HARNESS DIAGRAM

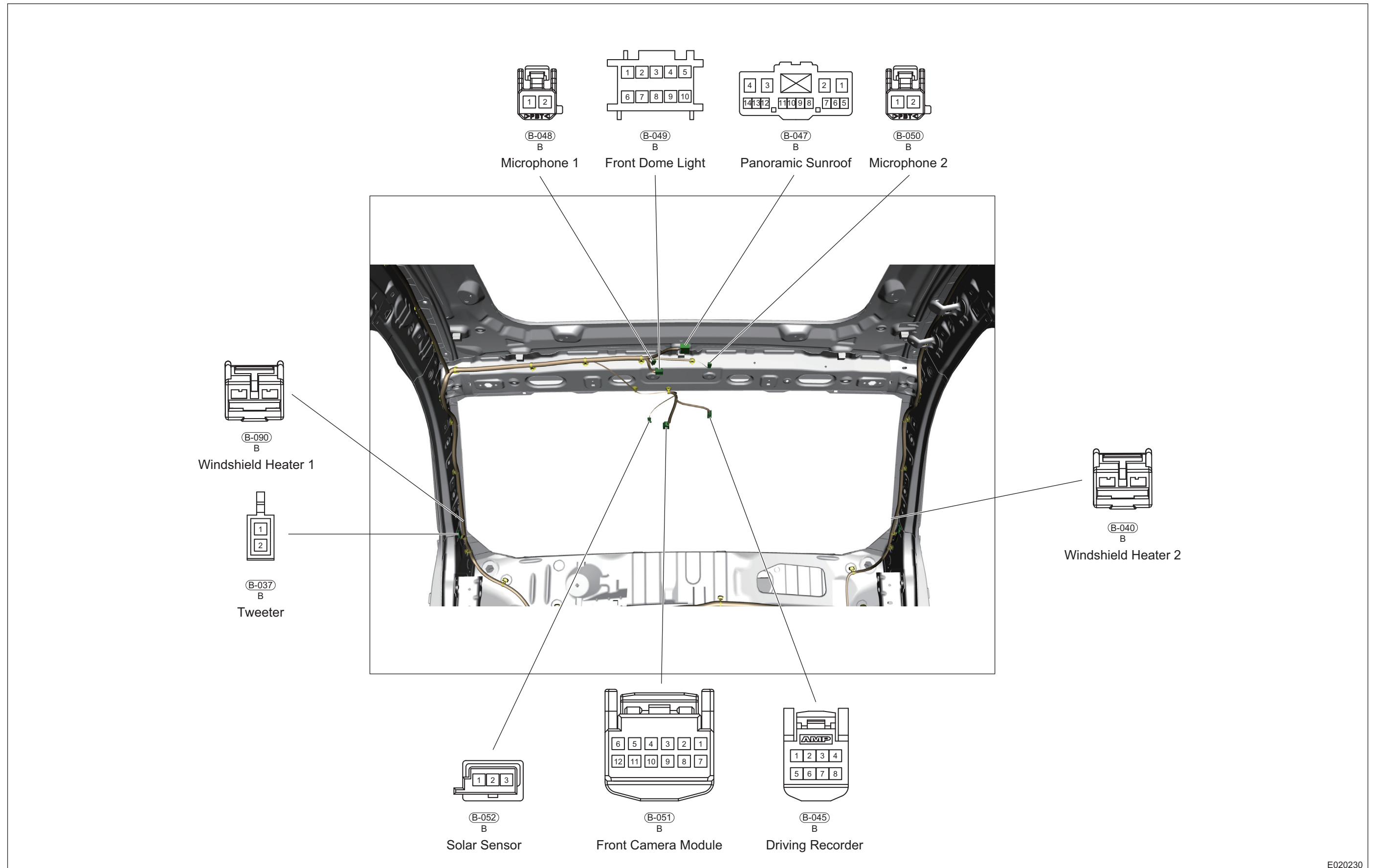
(4), Interior Floor Wire Harness Diagram

4.1, Interior Floor Wire Harness Connector Location Diagram



E020220

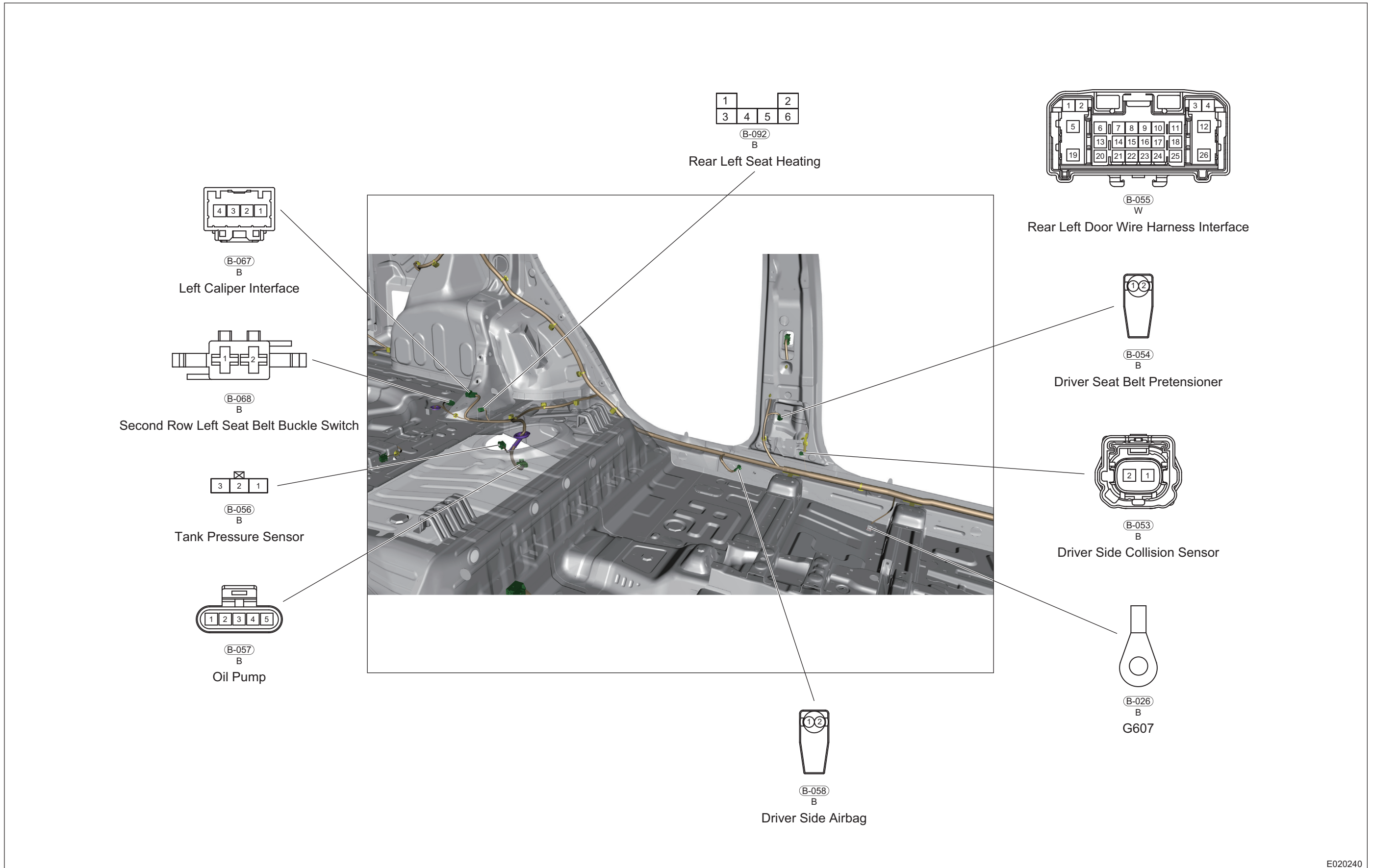
4.2, Interior Floor Wire Harness Connector Location Diagram



E020230

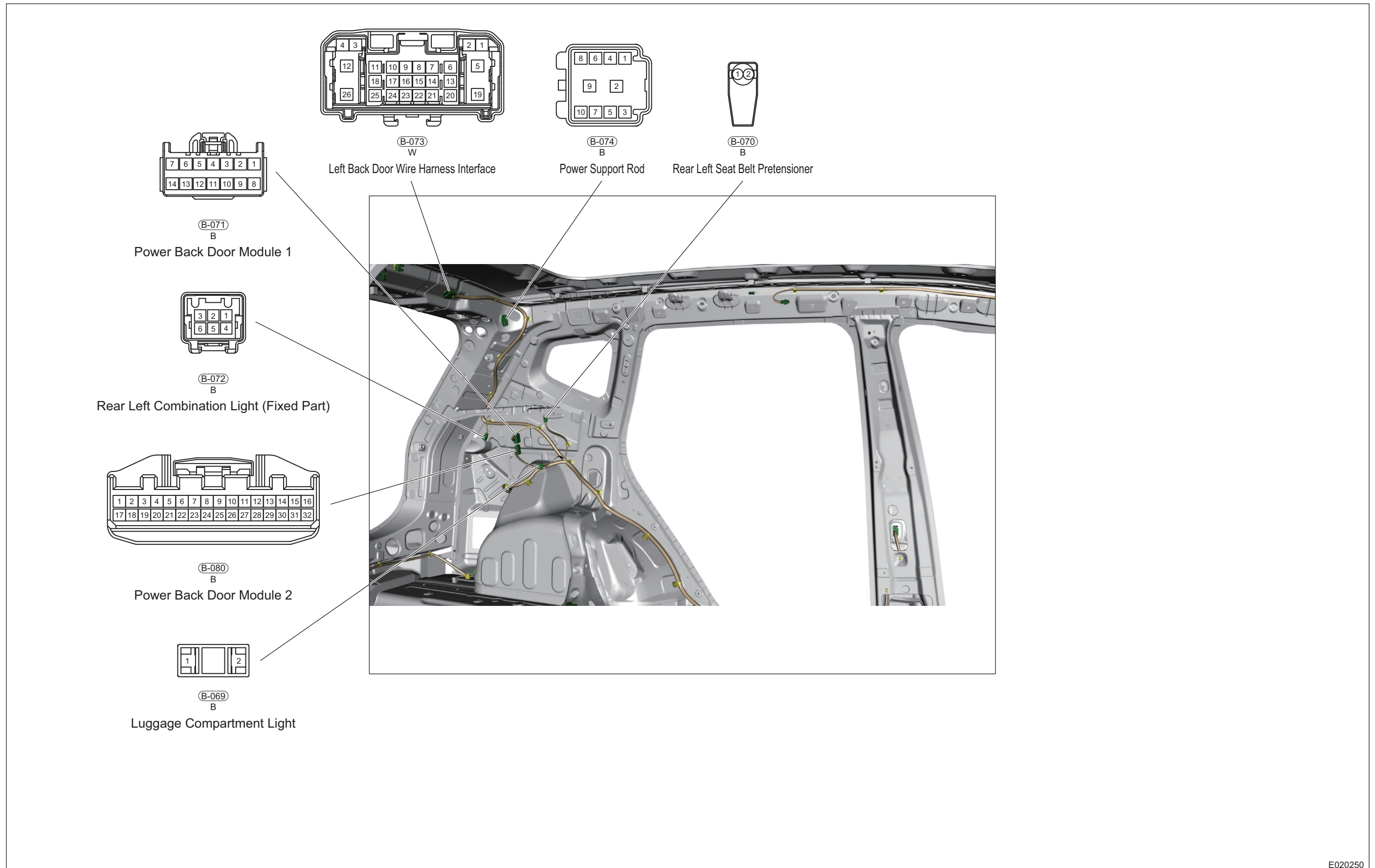
CHAPTER 2, WIRE HARNESS DIAGRAM

4.3, Interior Floor Wire Harness Connector Location Diagram



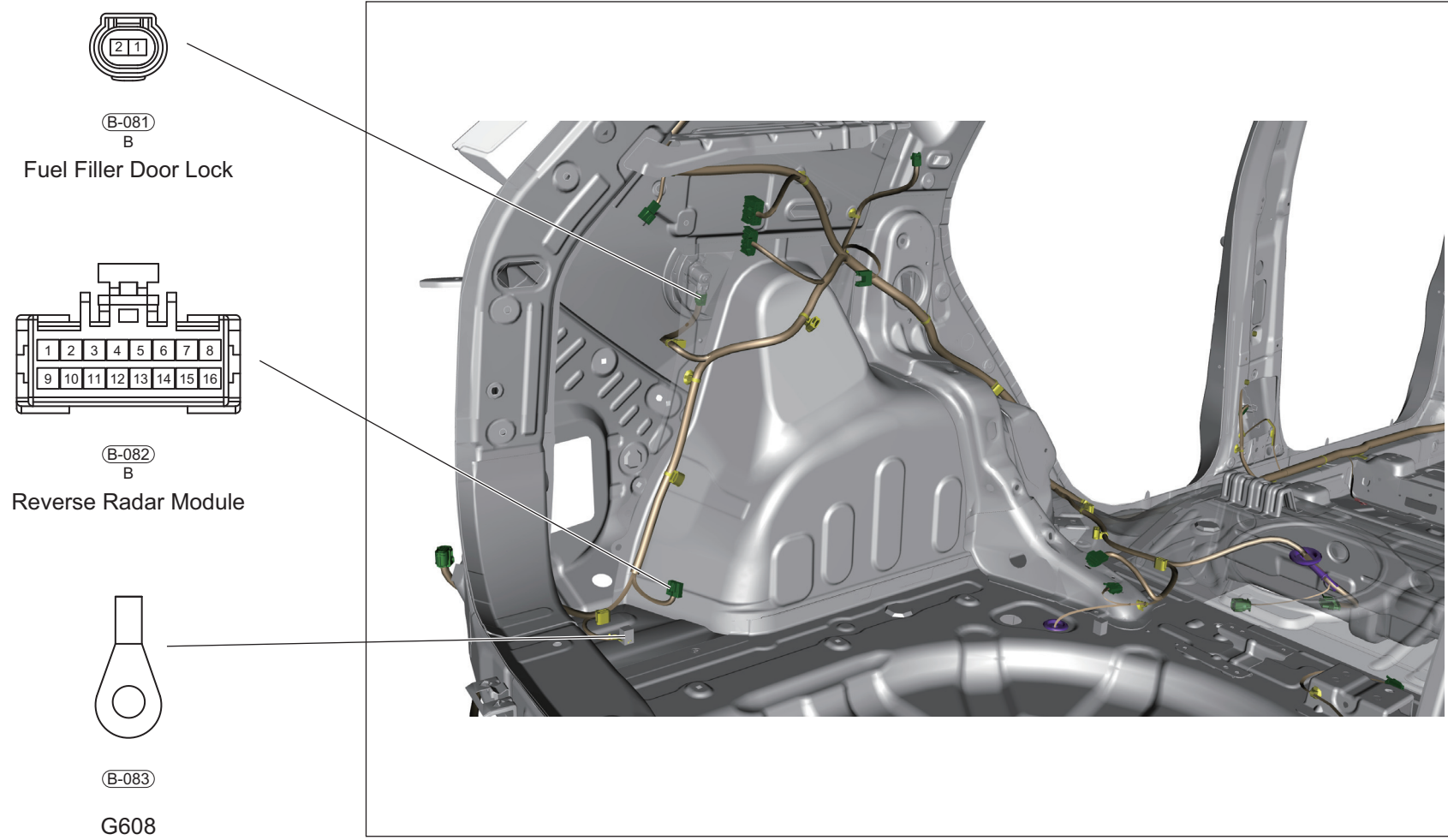
E020240

4.4, Interior Floor Wire Harness Connector Location Diagram



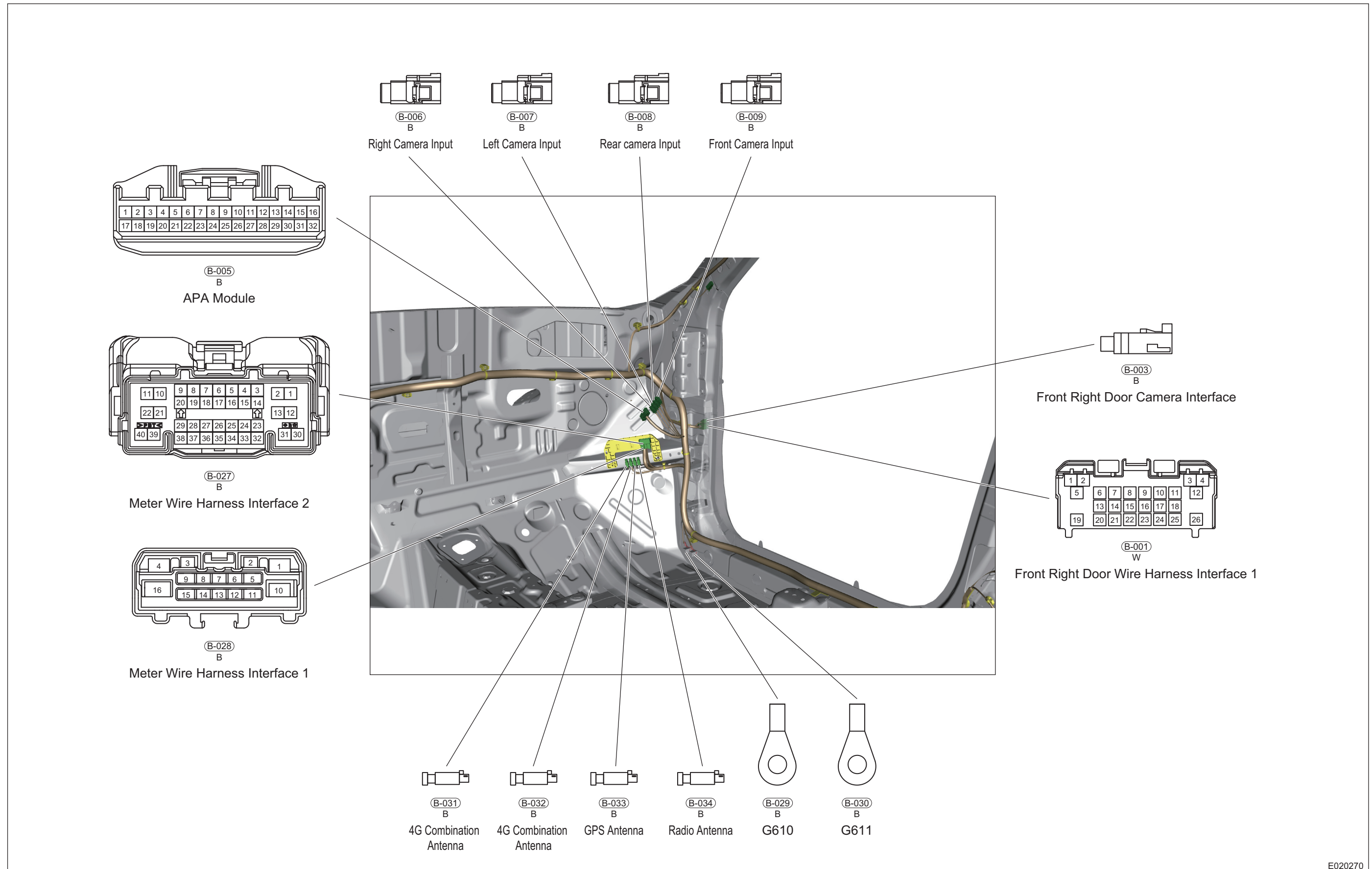
E020250

4.5, Interior Floor Wire Harness Connector Location Diagram



E020260

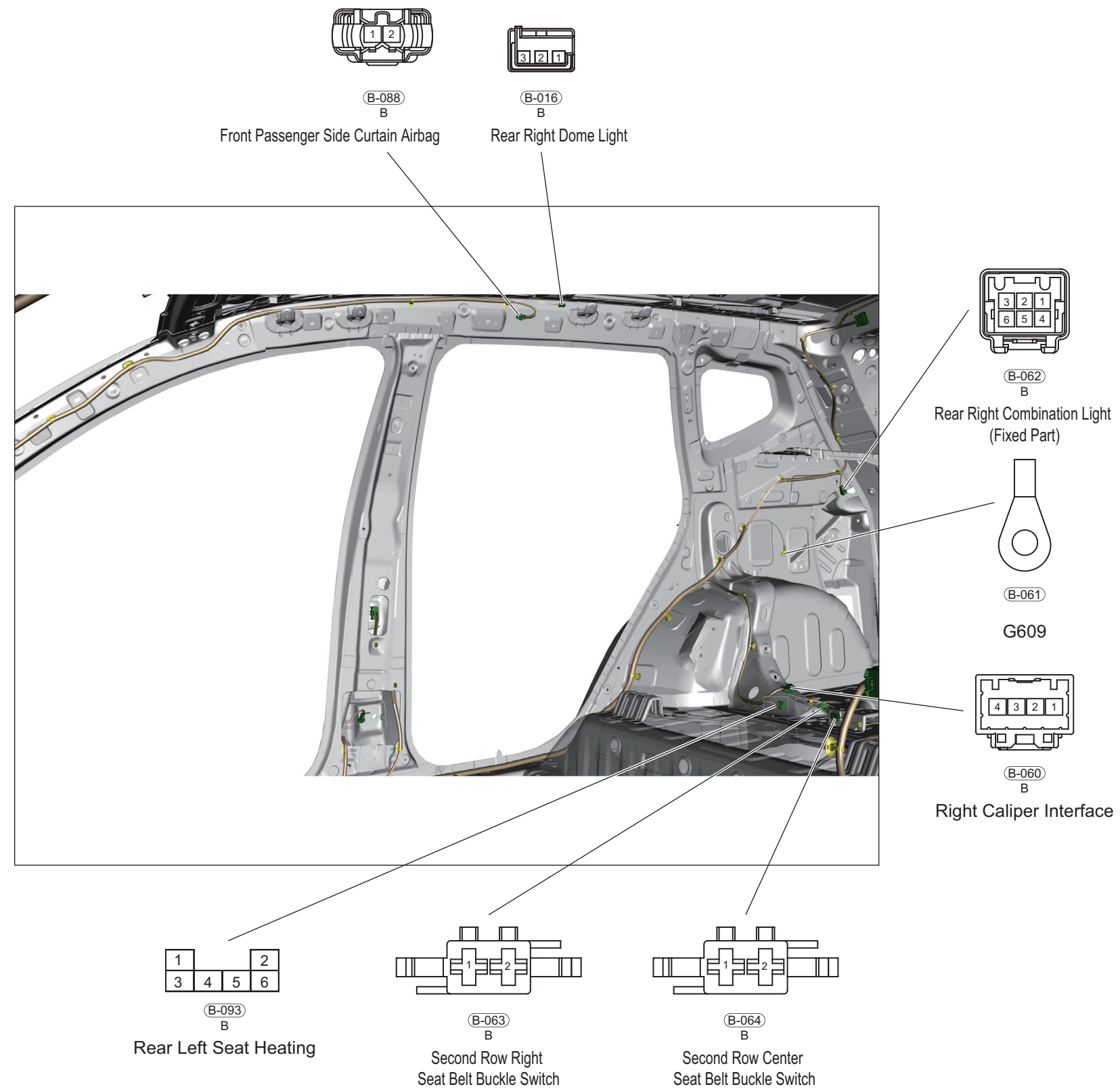
4.6, Interior Floor Wire Harness Connector Location Diagram



E020270

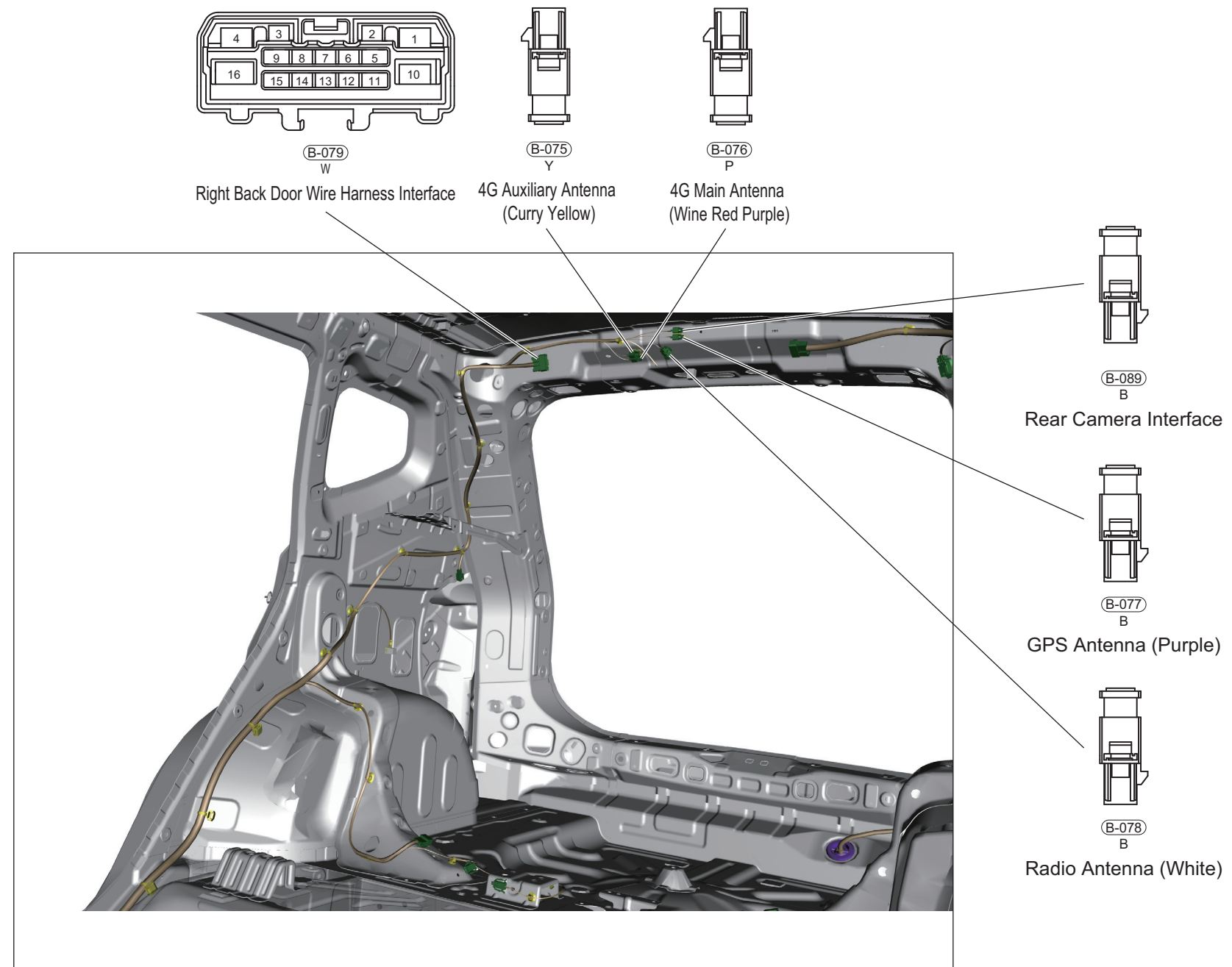
CHAPTER 2, WIRE HARNESS DIAGRAM

4.7, Interior Floor Wire Harness Connector Location Diagram



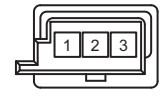
E020280

4.8, Interior Floor Wire Harness Connector Location Diagram



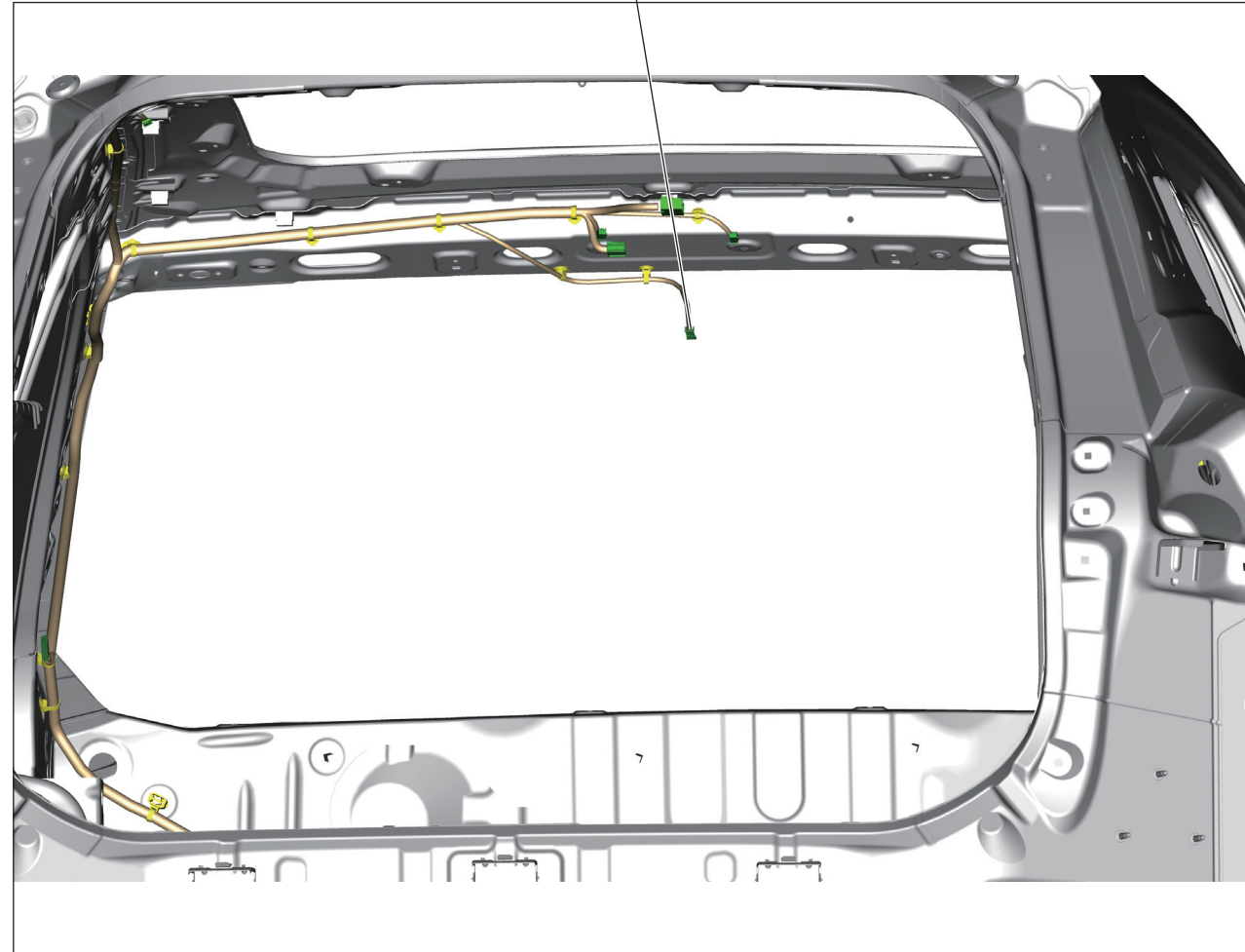
E020290

4.9, Interior Floor Wire Harness Connector Location Diagram



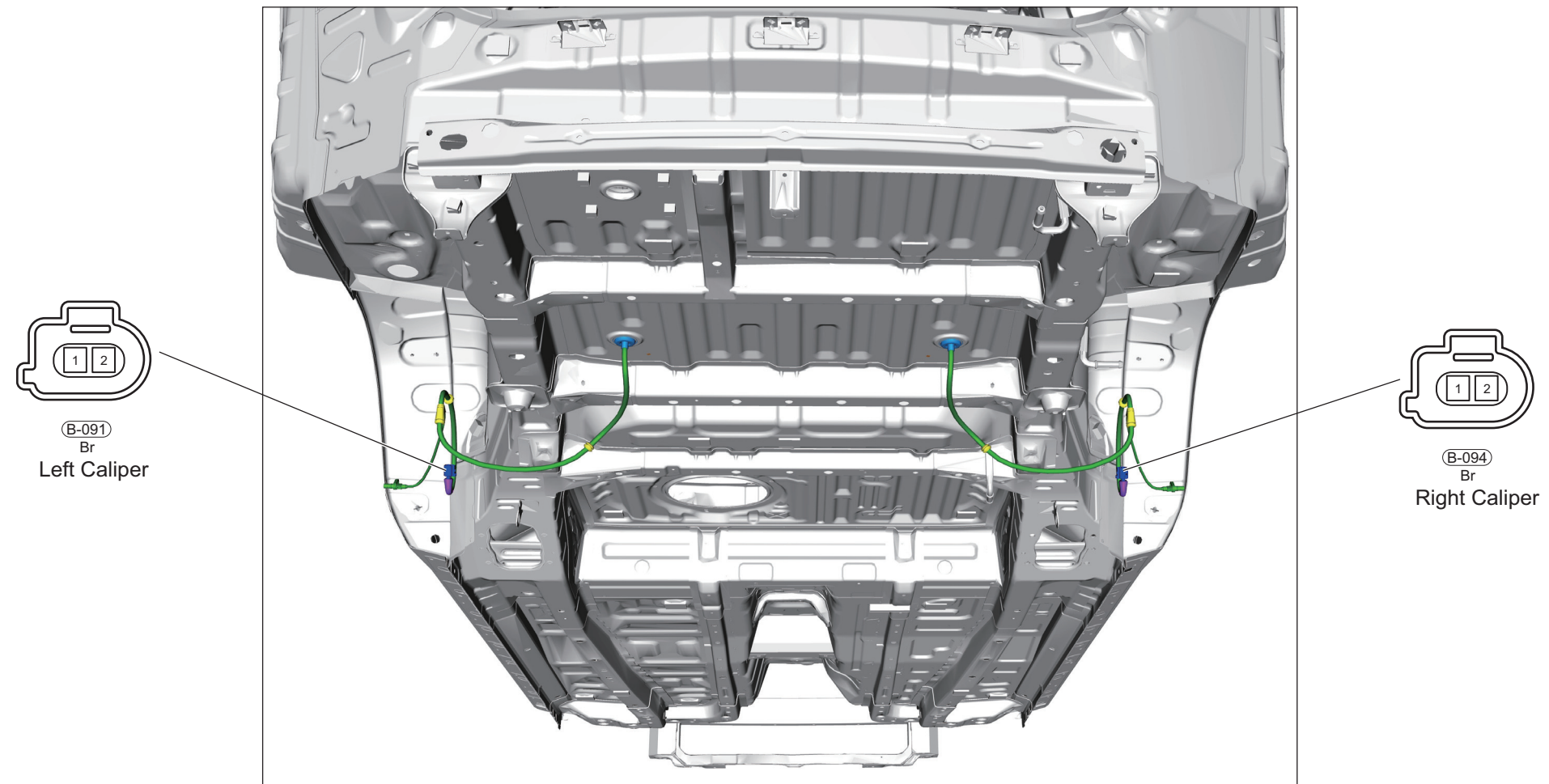
(B-046)
B

Light Sensor



E020300

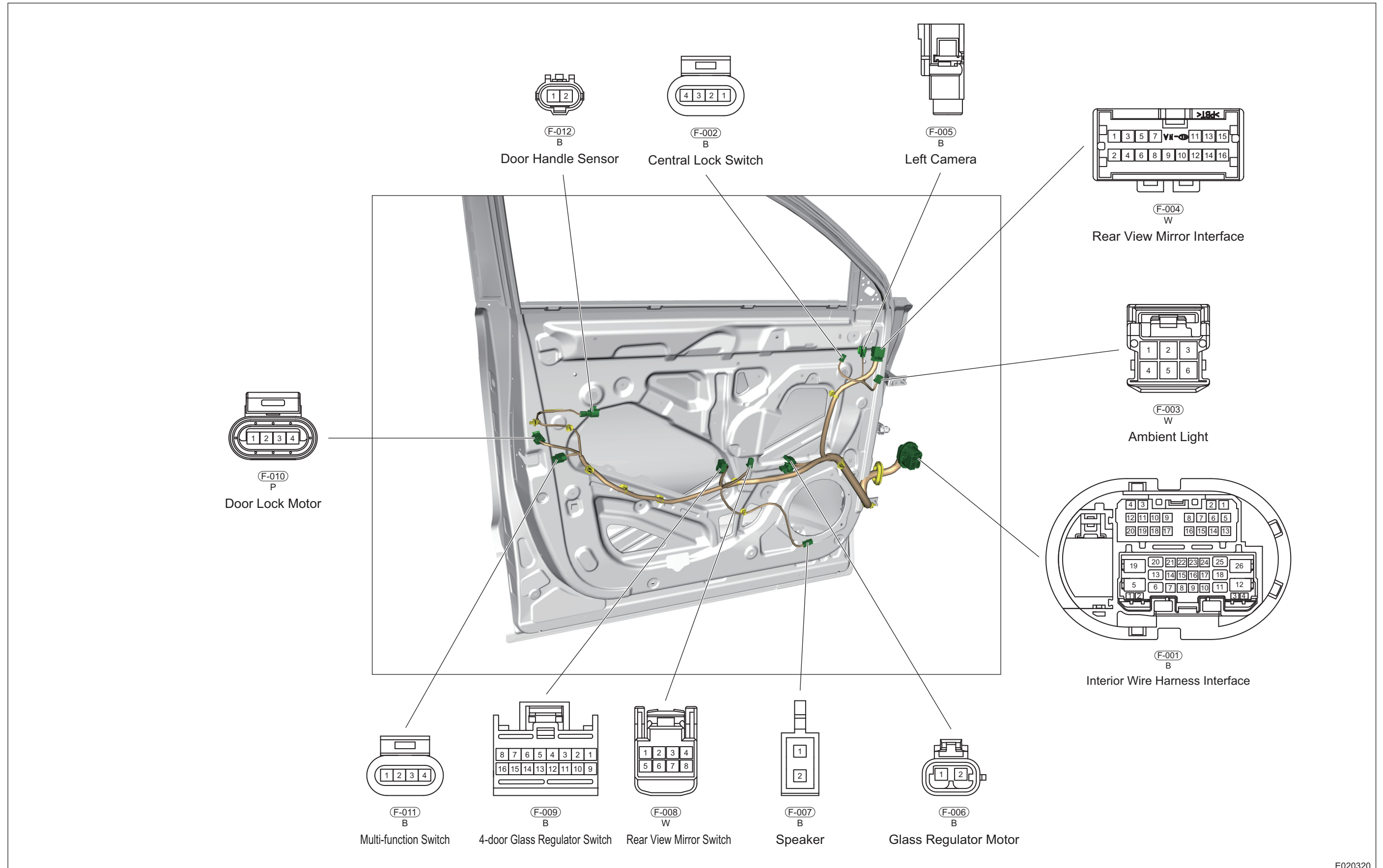
4.11, Interior Floor Wire Harness Connector Location Diagram



E020230

(5), Door Wire Harness Diagram

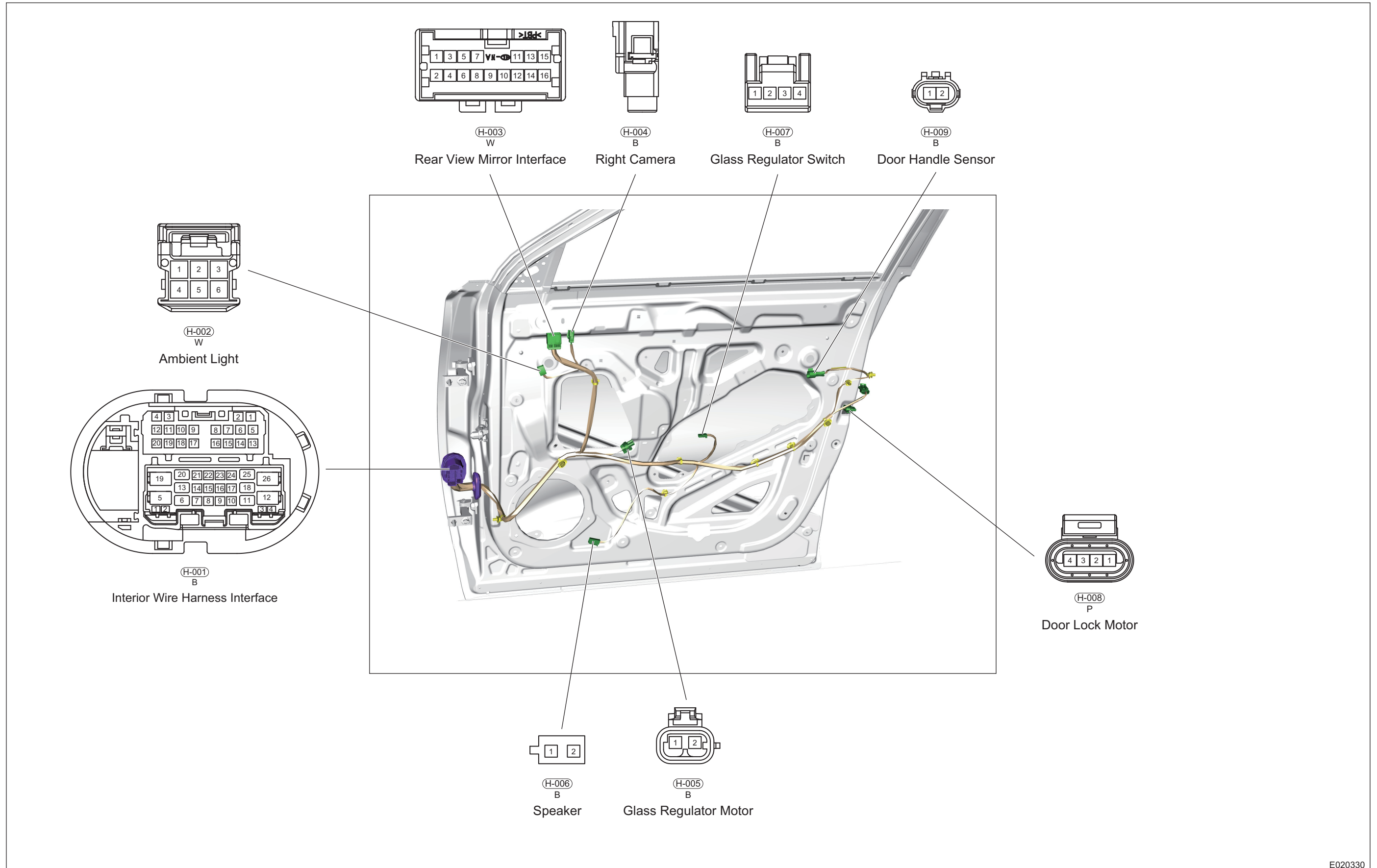
5.1, Front Left Door Wire Harness Connector Location Diagram



E020320

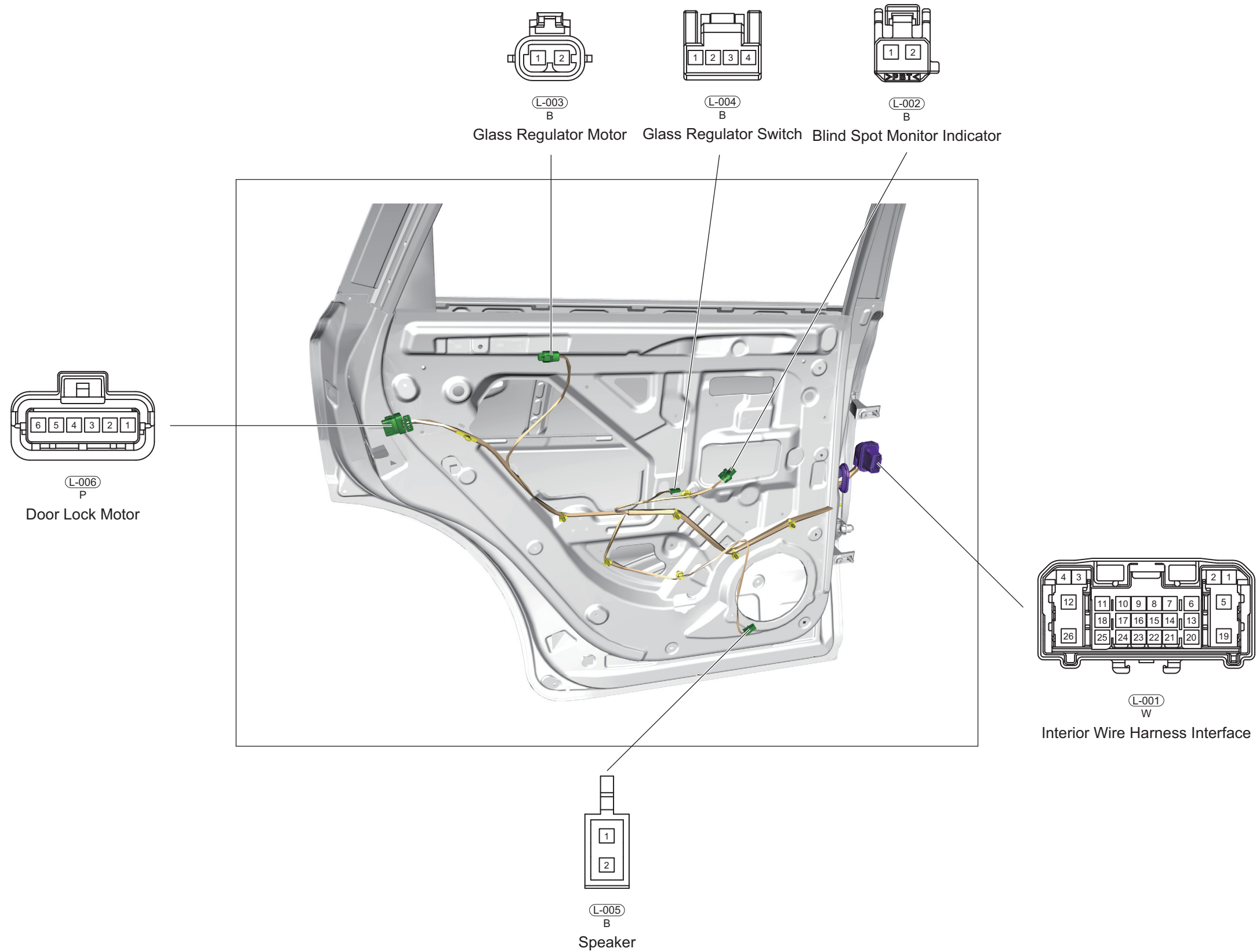
CHAPTER 2, WIRE HARNESS DIAGRAM

5.2, Front Right Door Wire Harness Connector Location Diagram



E020330

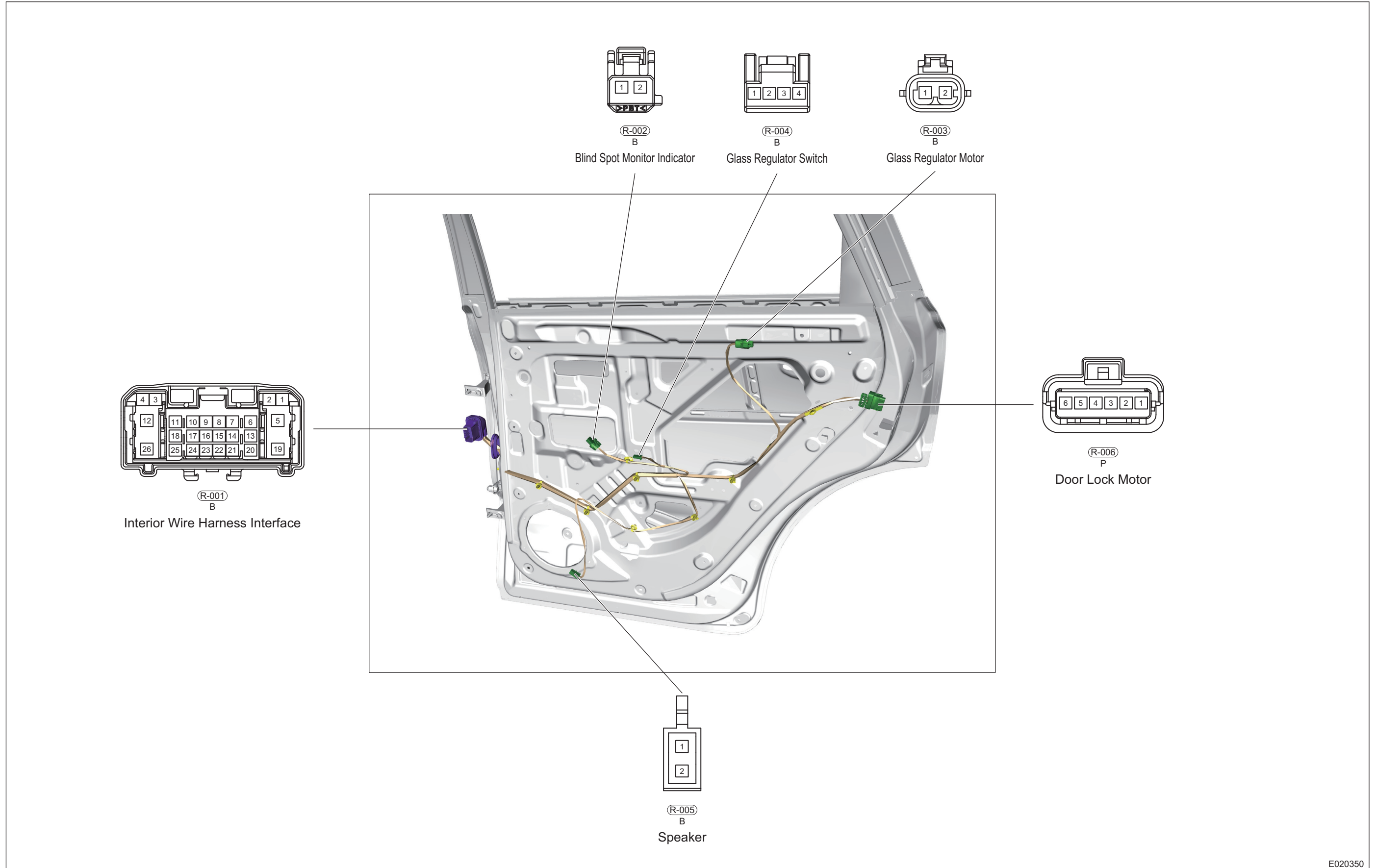
5.3, Rear Left Door Wire Harness Connector Location Diagram



E020340

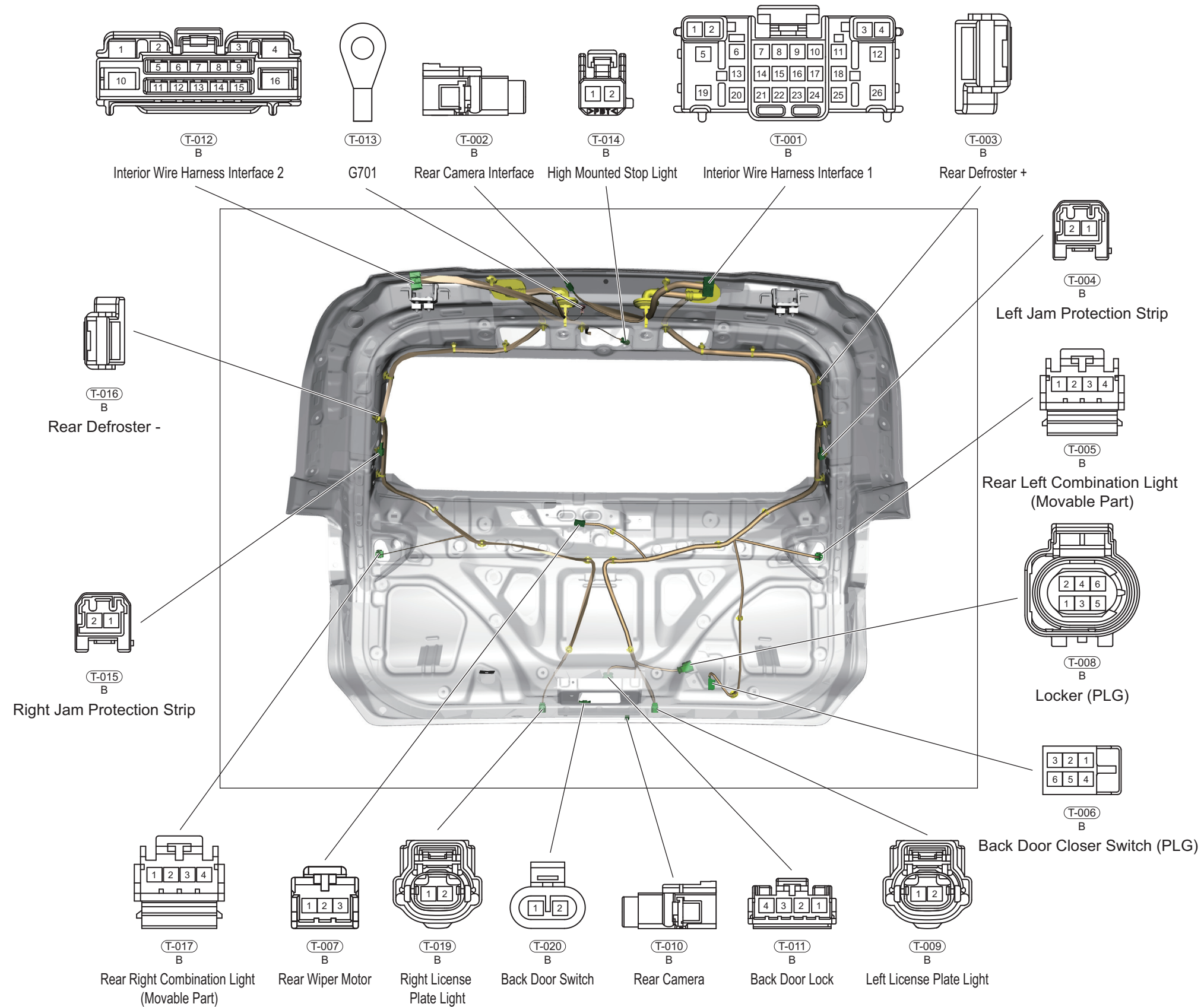
CHAPTER 2, WIRE HARNESS DIAGRAM

5.4, Rear Right Door Wire Harness Connector Location Diagram



E020350

5.5, Back Door Wire Harness Connector Location Diagram

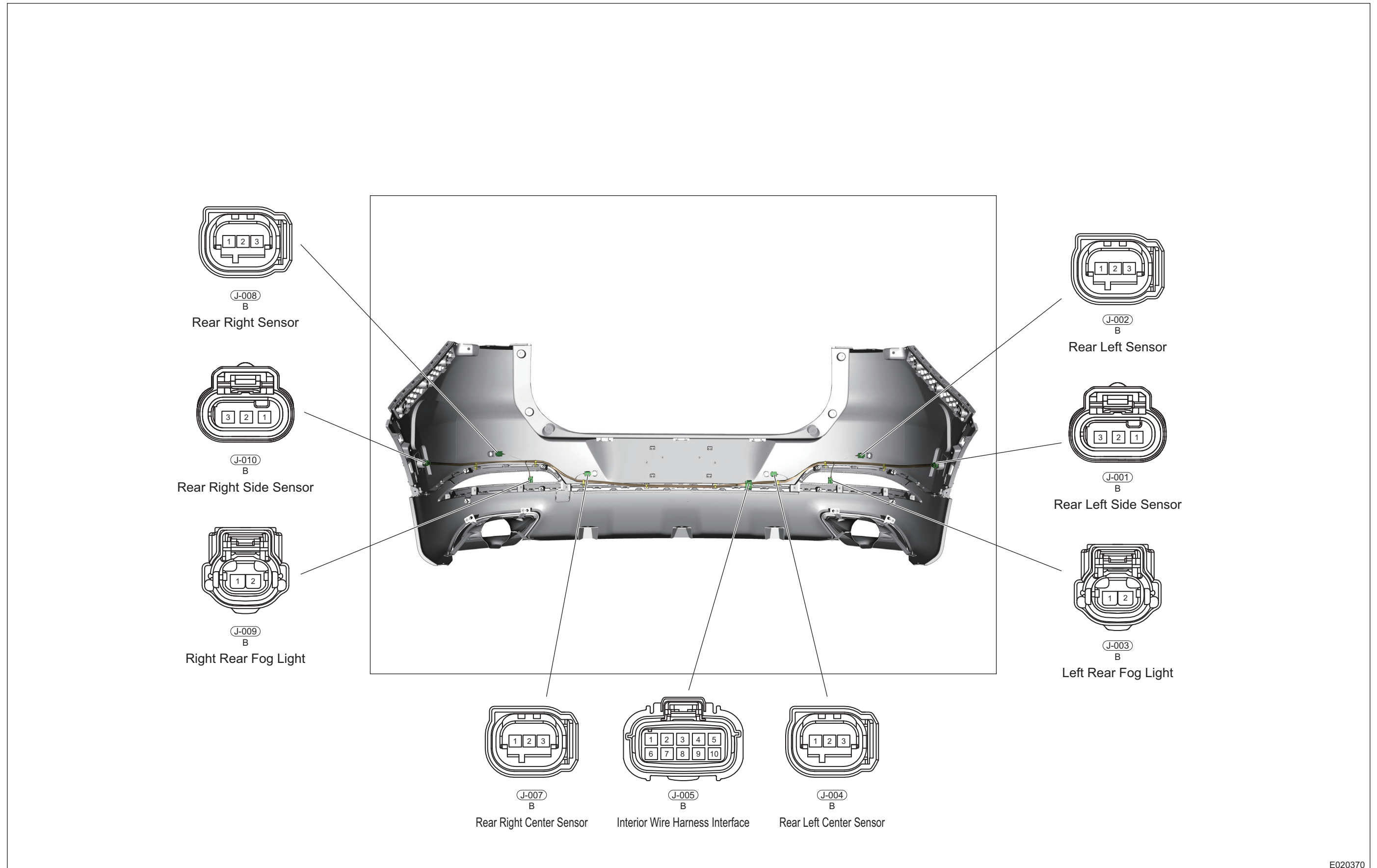


E020360

CHAPTER 2, WIRE HARNESS DIAGRAM

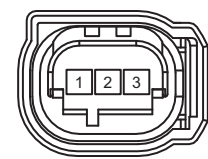
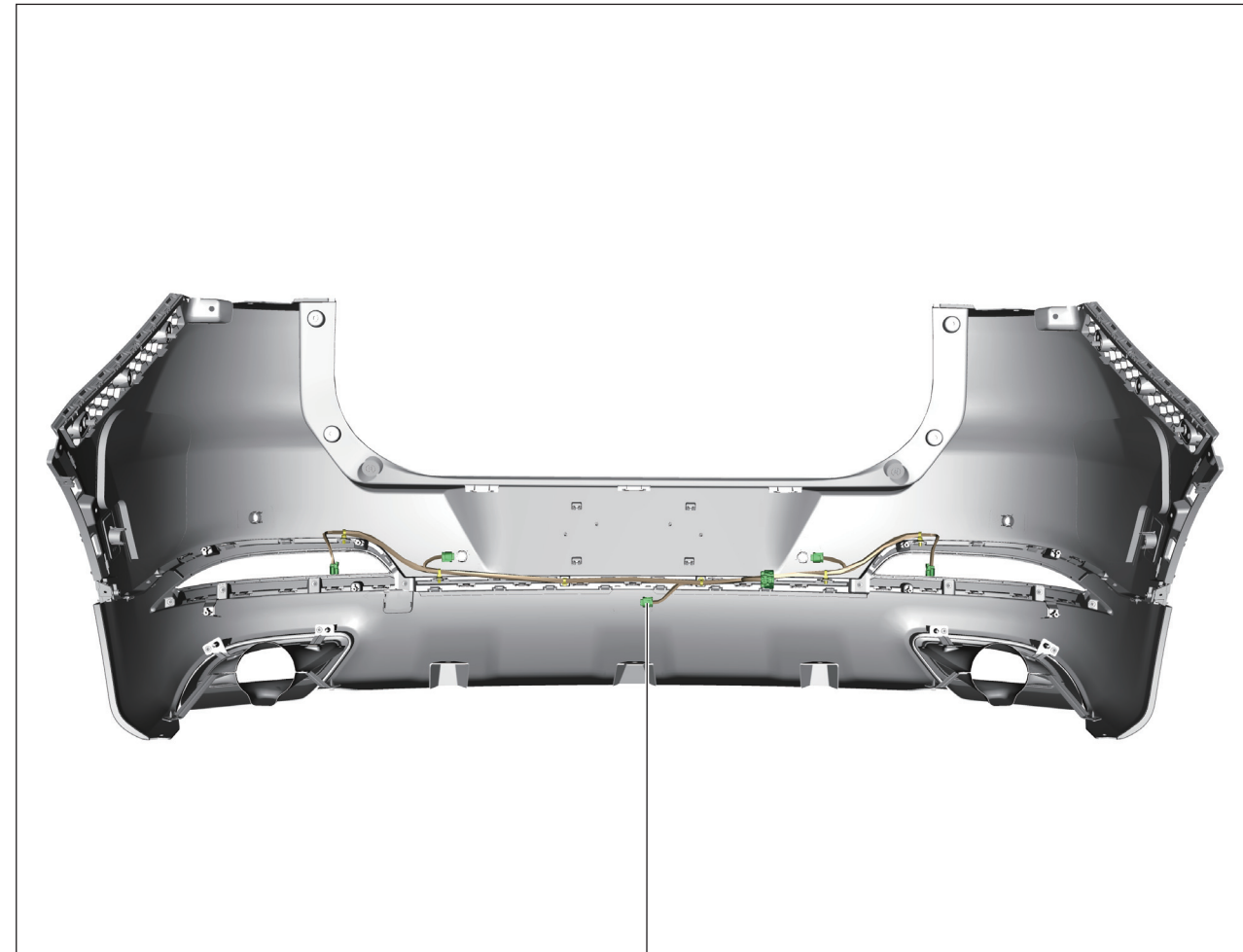
(6), Rear Bumper Wire Harness Diagram

6.1, Rear Bumper Wire Harness Connector Location Diagram



E020370

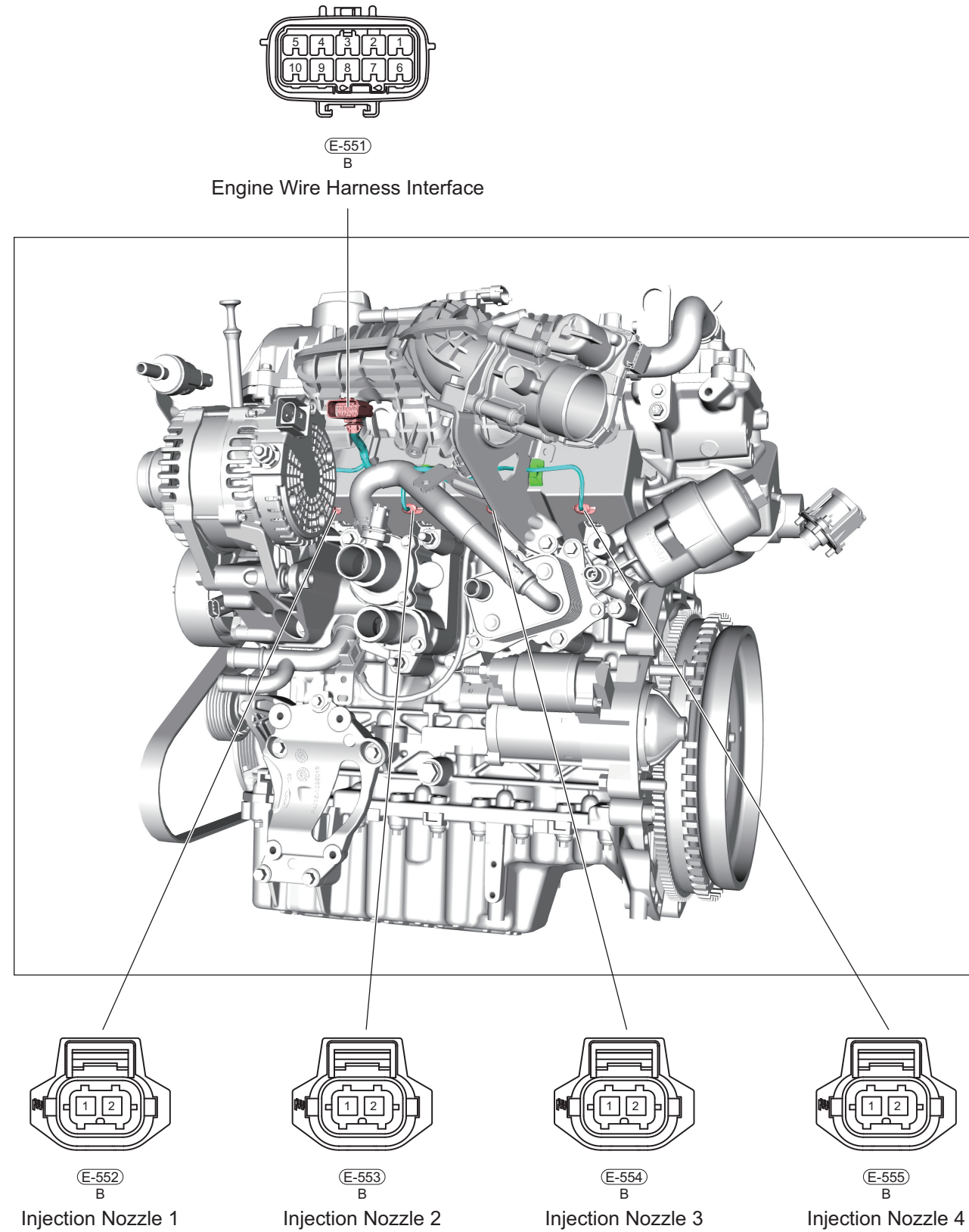
6.2, Rear Bumper Wire Harness Connector Location Diagram



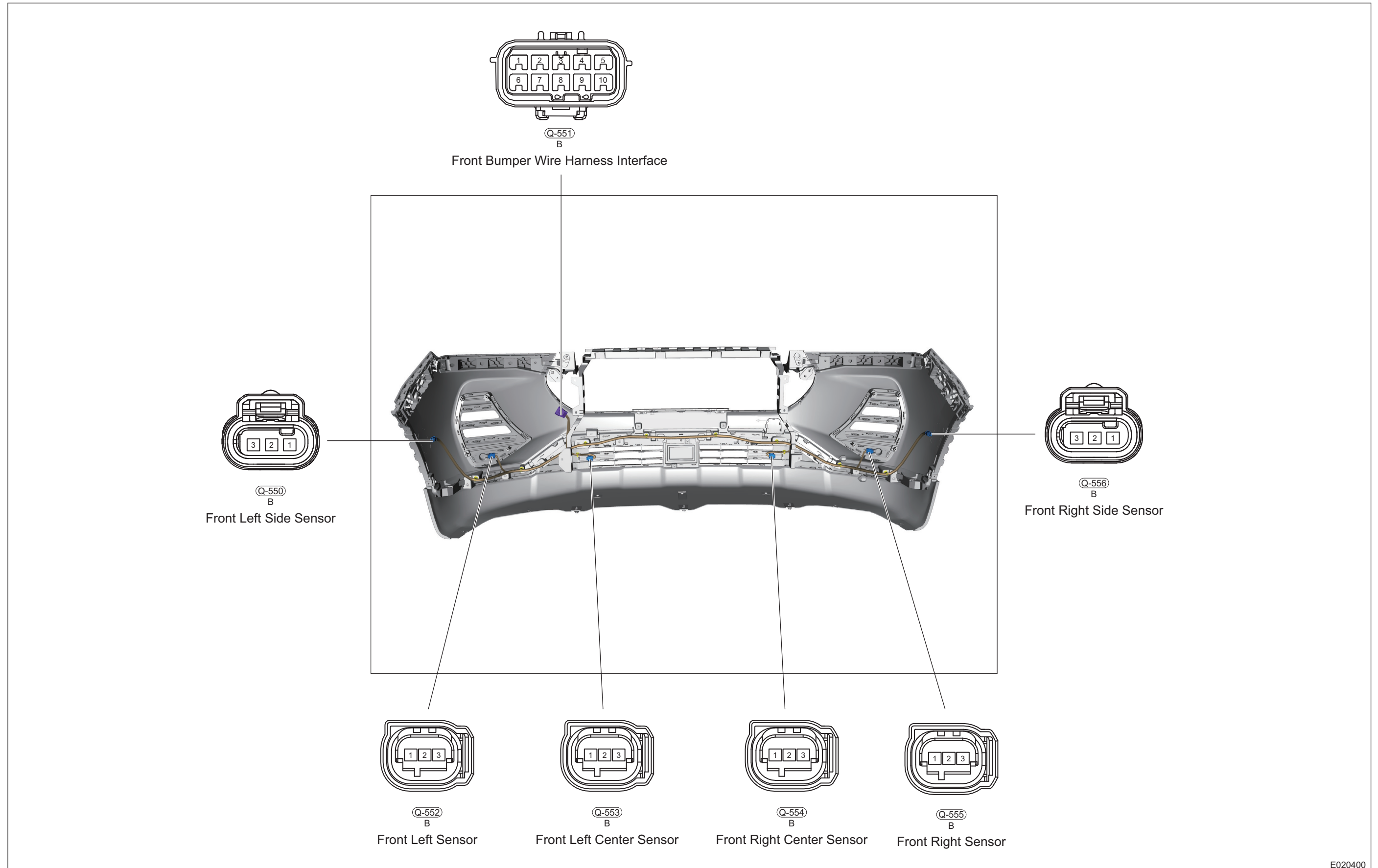
J-006
B

Rear Center Sensor

E020380



(8), Front Radar Wire Harness Diagram

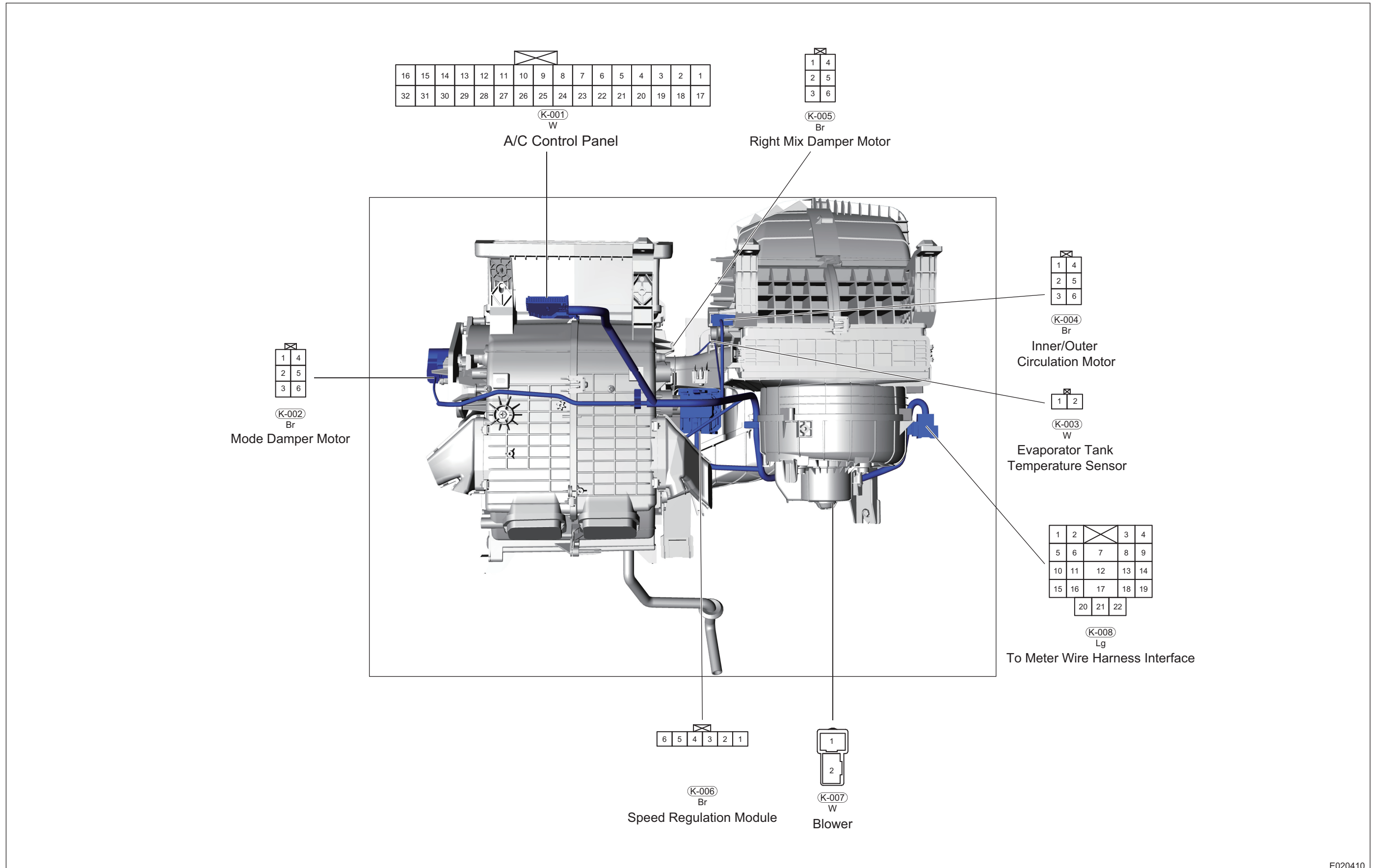


E020400

CHAPTER 2, WIRE HARNESS DIAGRAM

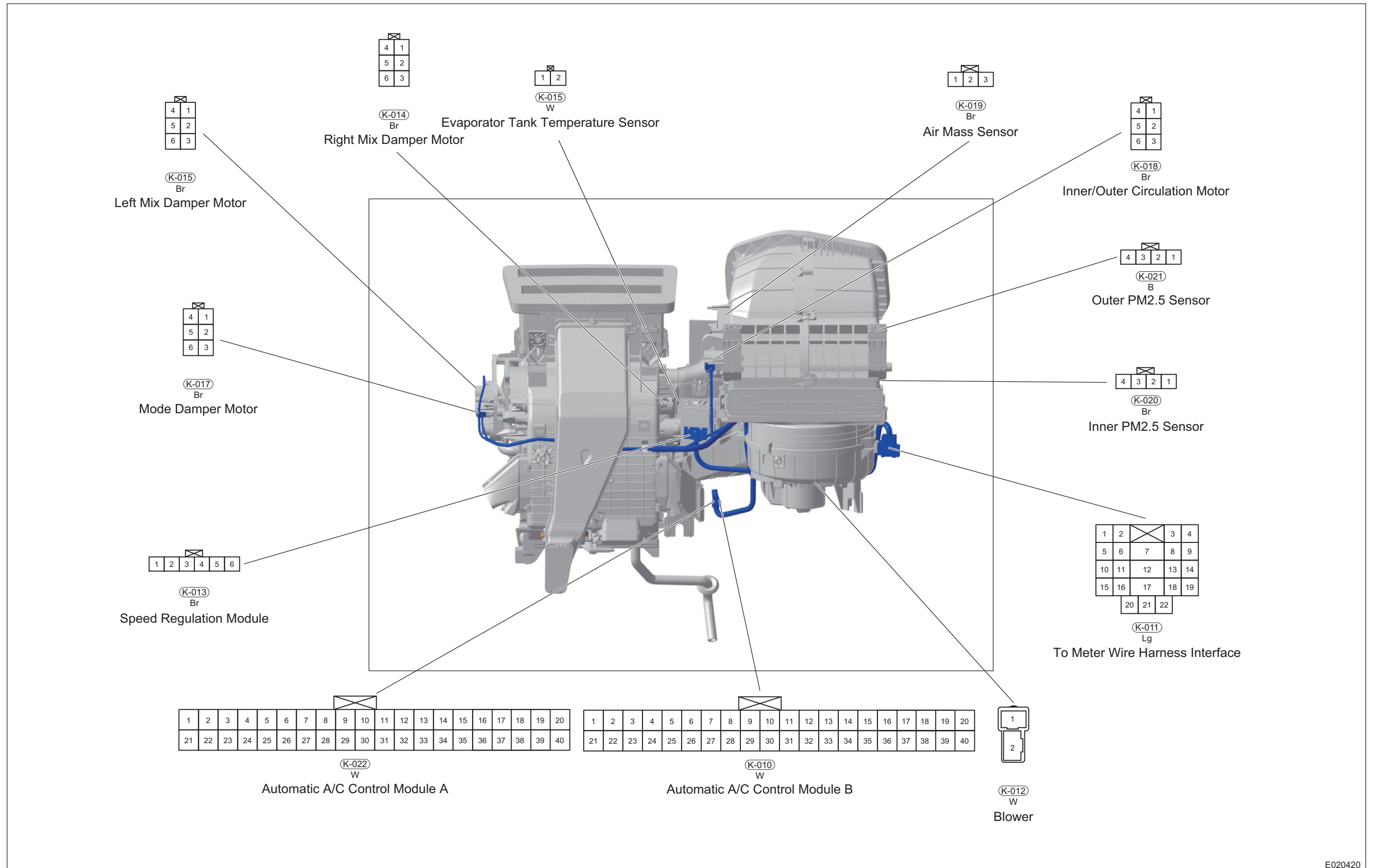
(9), A/C Wire Harness Diagram

9.1, Electric A/C Wire Harness Connector Location Diagram



E020410

9.2, Automatic A/C Wire Harness Connector Location Diagram

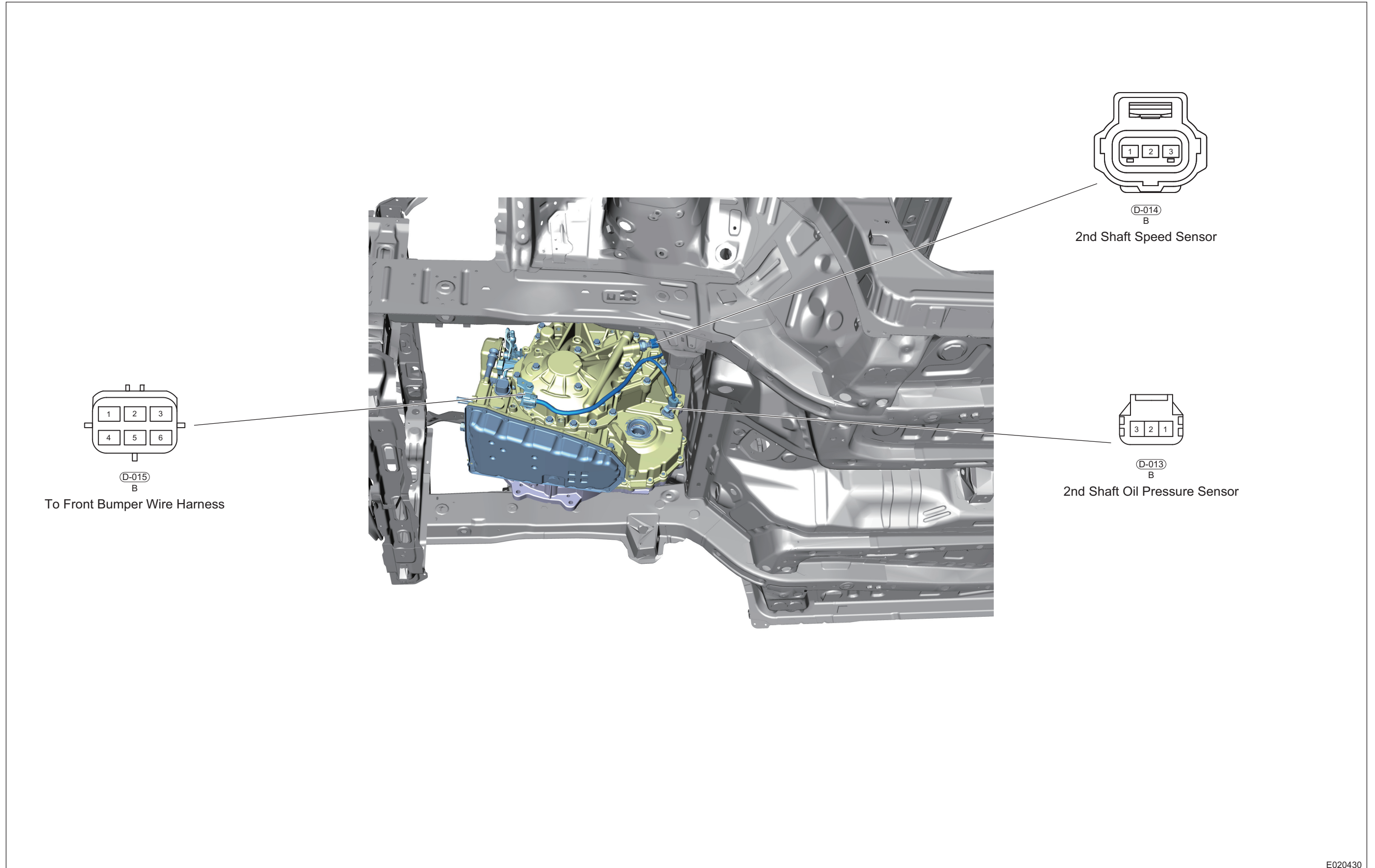


E020420

CHAPTER 2, WIRE HARNESS DIAGRAM

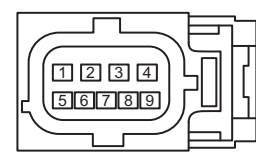
(10), Transmission Wire Harness Diagram

10.1, CVT25 Wire Harness Connector Location Diagram

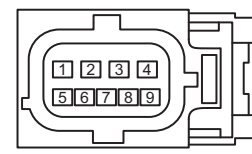


E020430

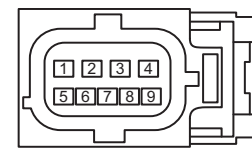
10.2, 7DCT Wire Harness Connector Location Diagram



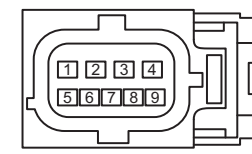
D-009
B
Clutch Motor 1



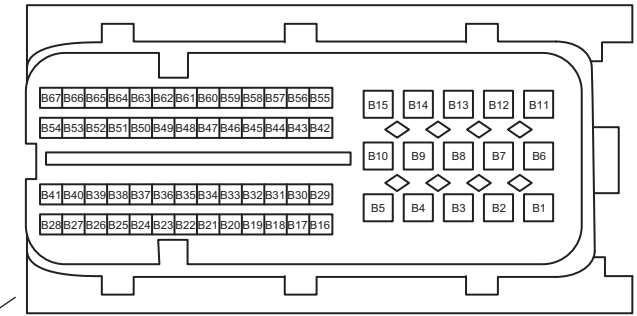
D-008
B
Clutch Motor 2



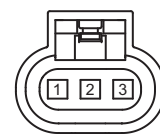
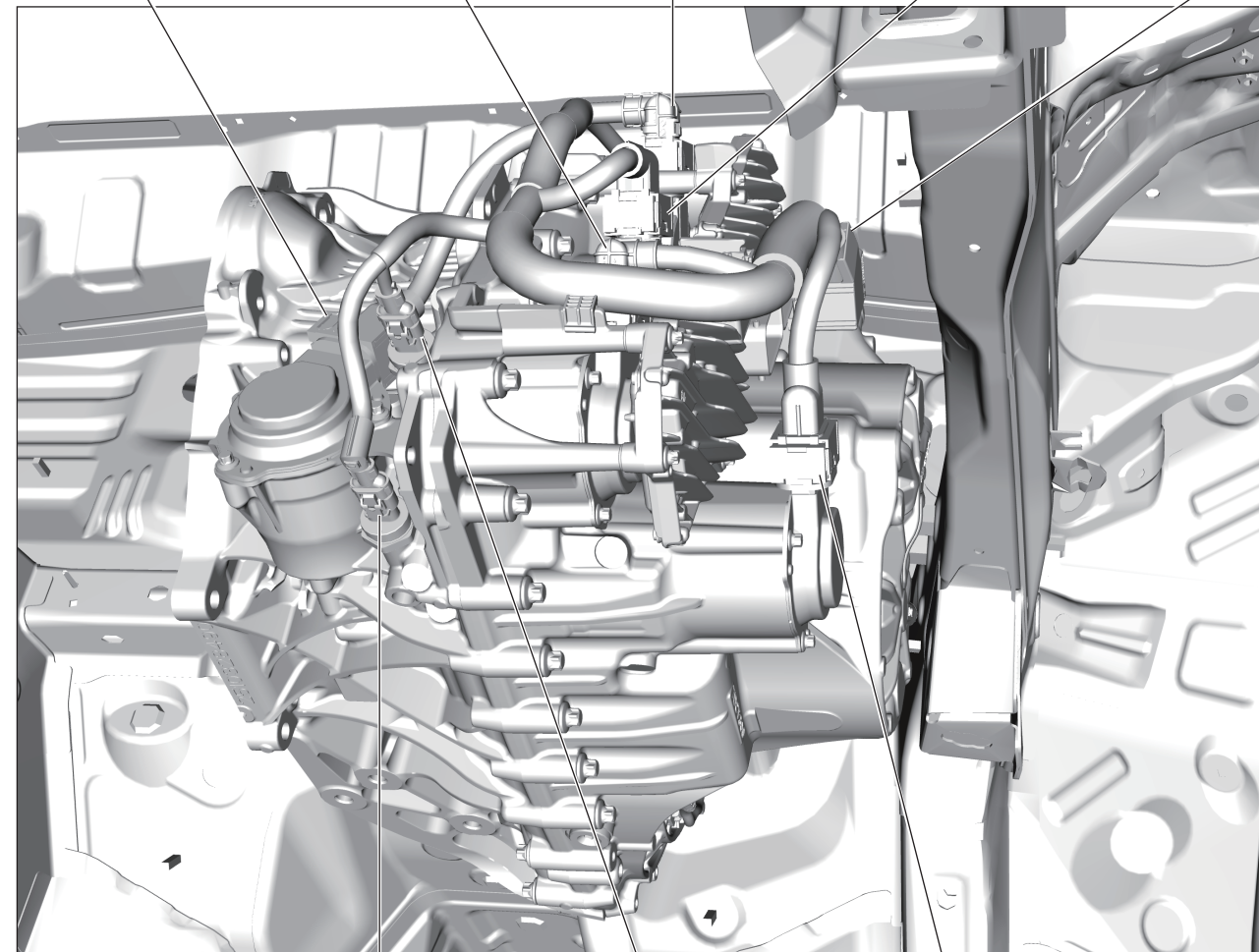
D-011
B
Shift Motor 2



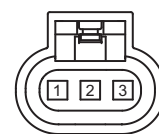
D-010
B
Shift Motor 1



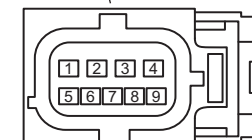
D-007
B
TCU-B(7DCT)



D-015
B
Pressure Sensor 1

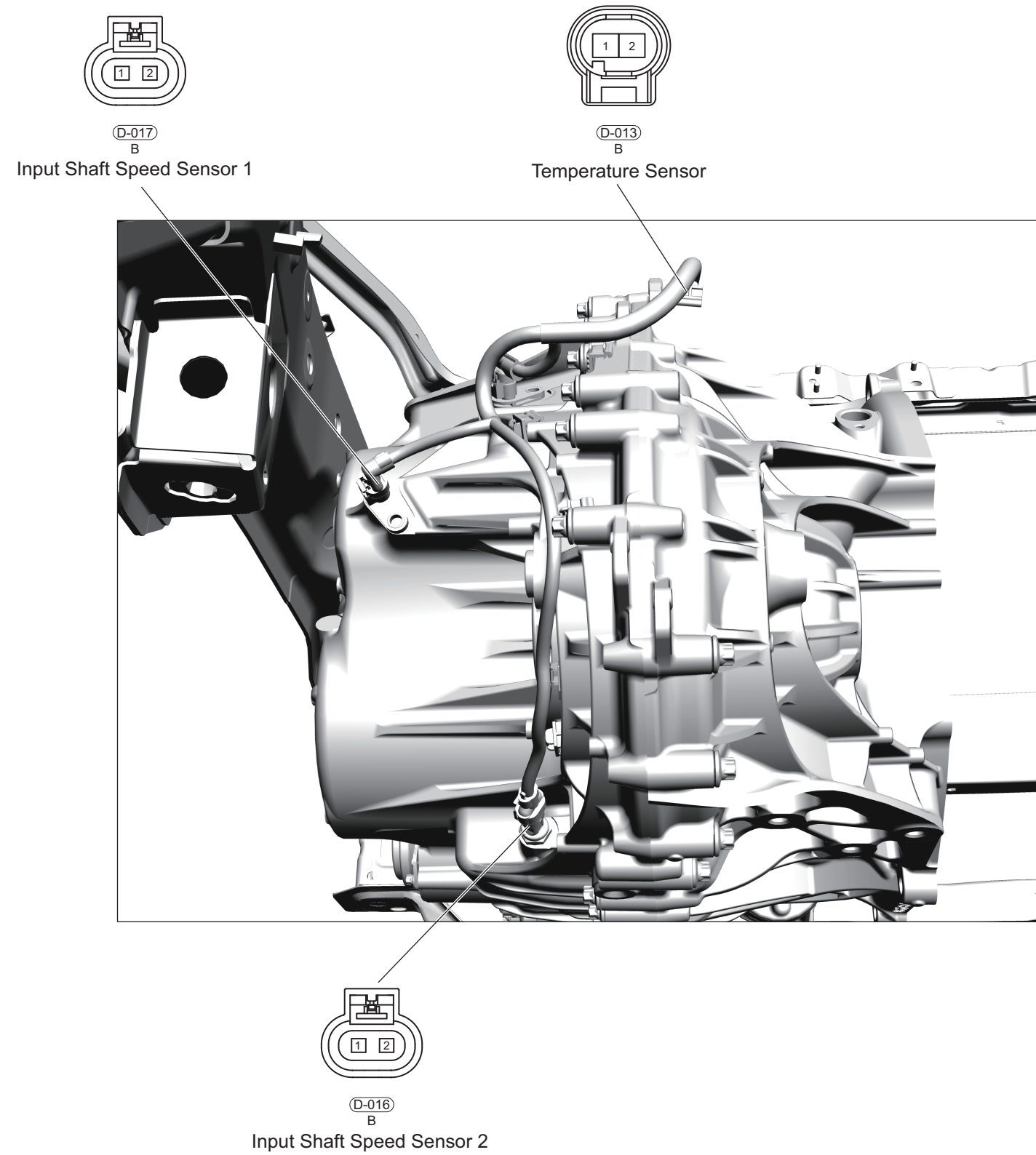


D-014
B
Pressure Sensor 2



D-012
B
Cooling Motor

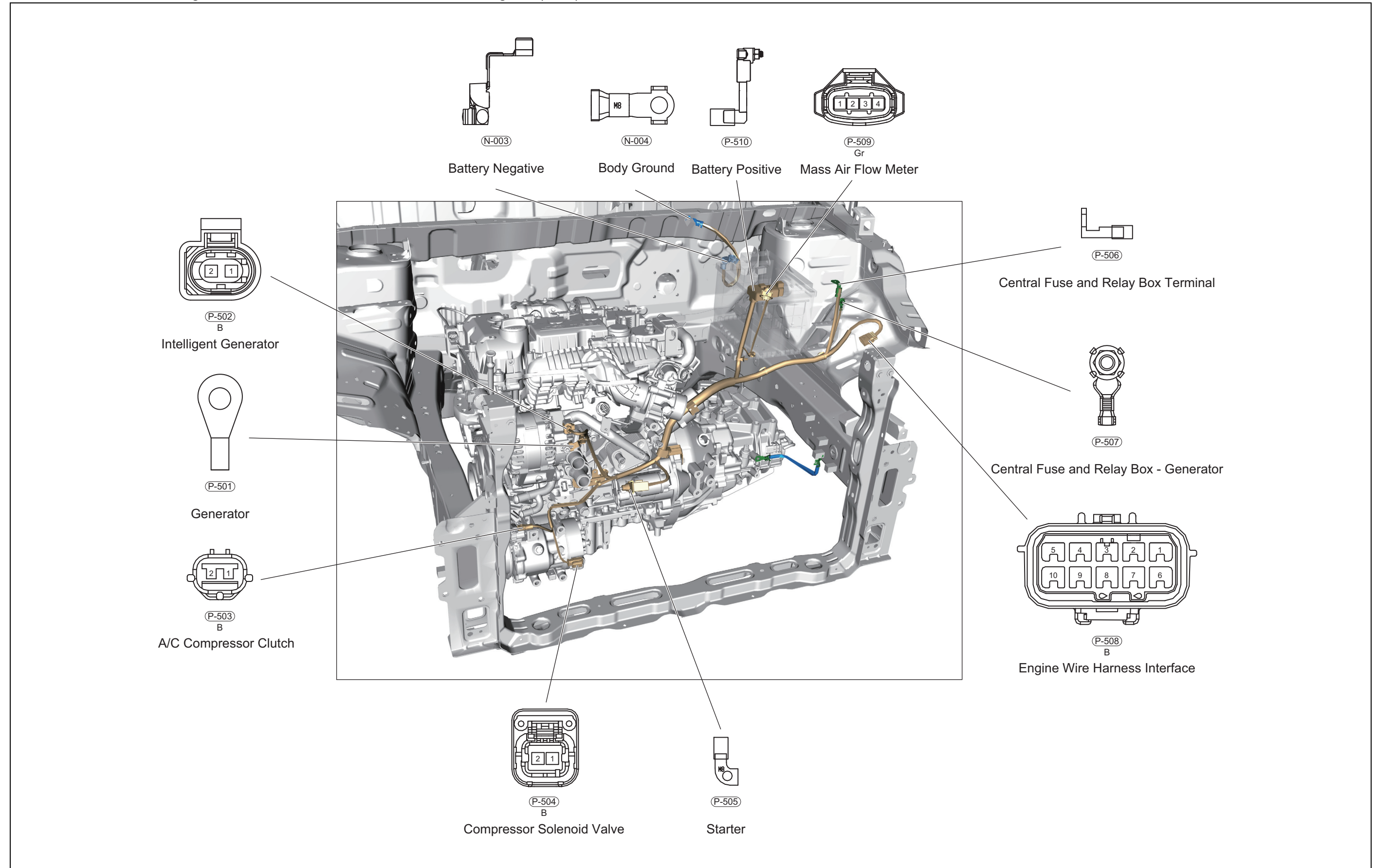
10.3, 7DCT Wire Harness Connector Location Diagram



E020450

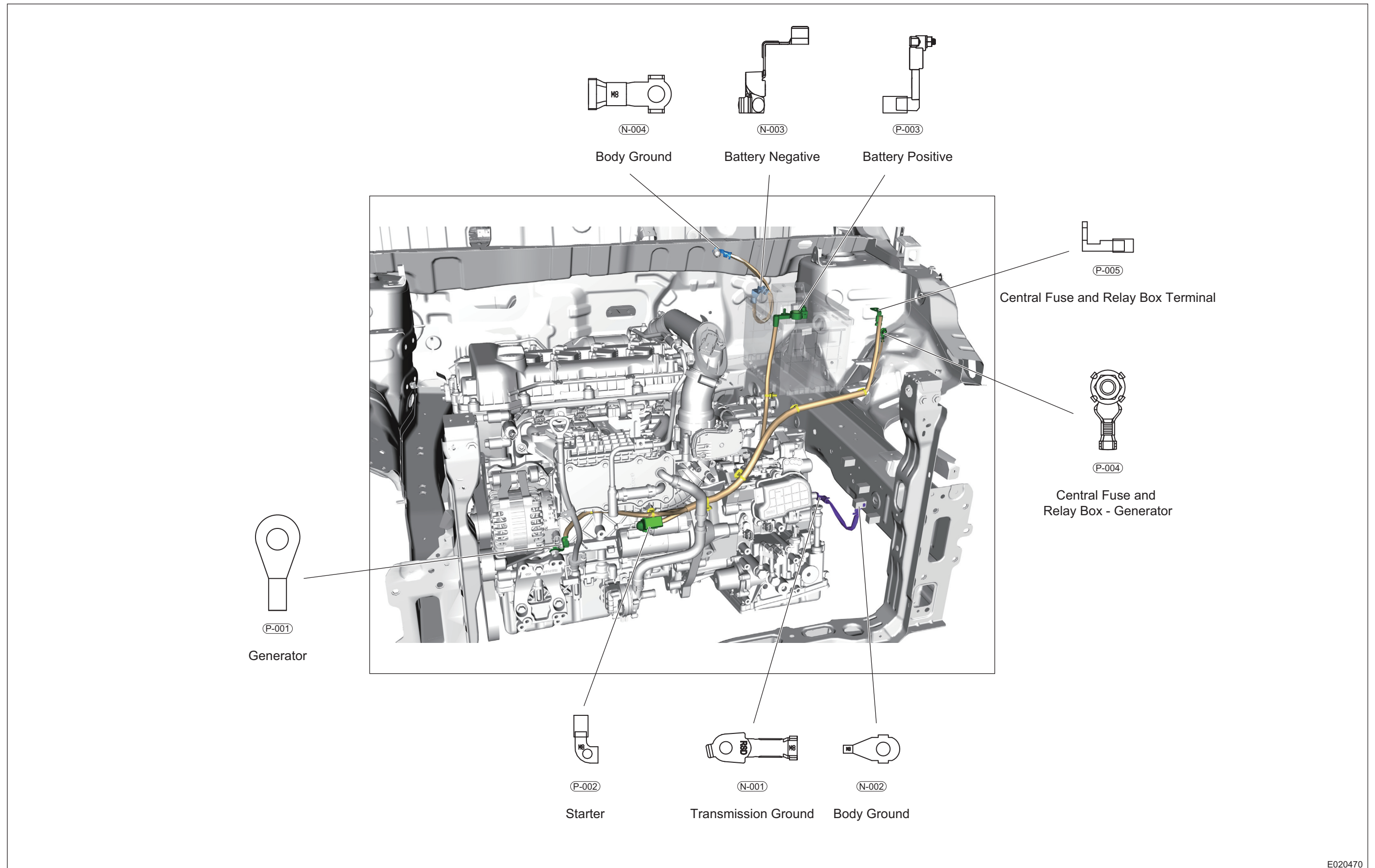
(11), Power Source Wire Harness Diagram

11.1, Positive and Negative Wire Harness Connector Location Diagram (1.6T)



CHAPTER 2, WIRE HARNESS DIAGRAM

11.2, Positive and Negative Wire Harness Connector Location Diagram (1.5T)



E020470

CHAPTER 3, SCHEMATIC DIAGRAM

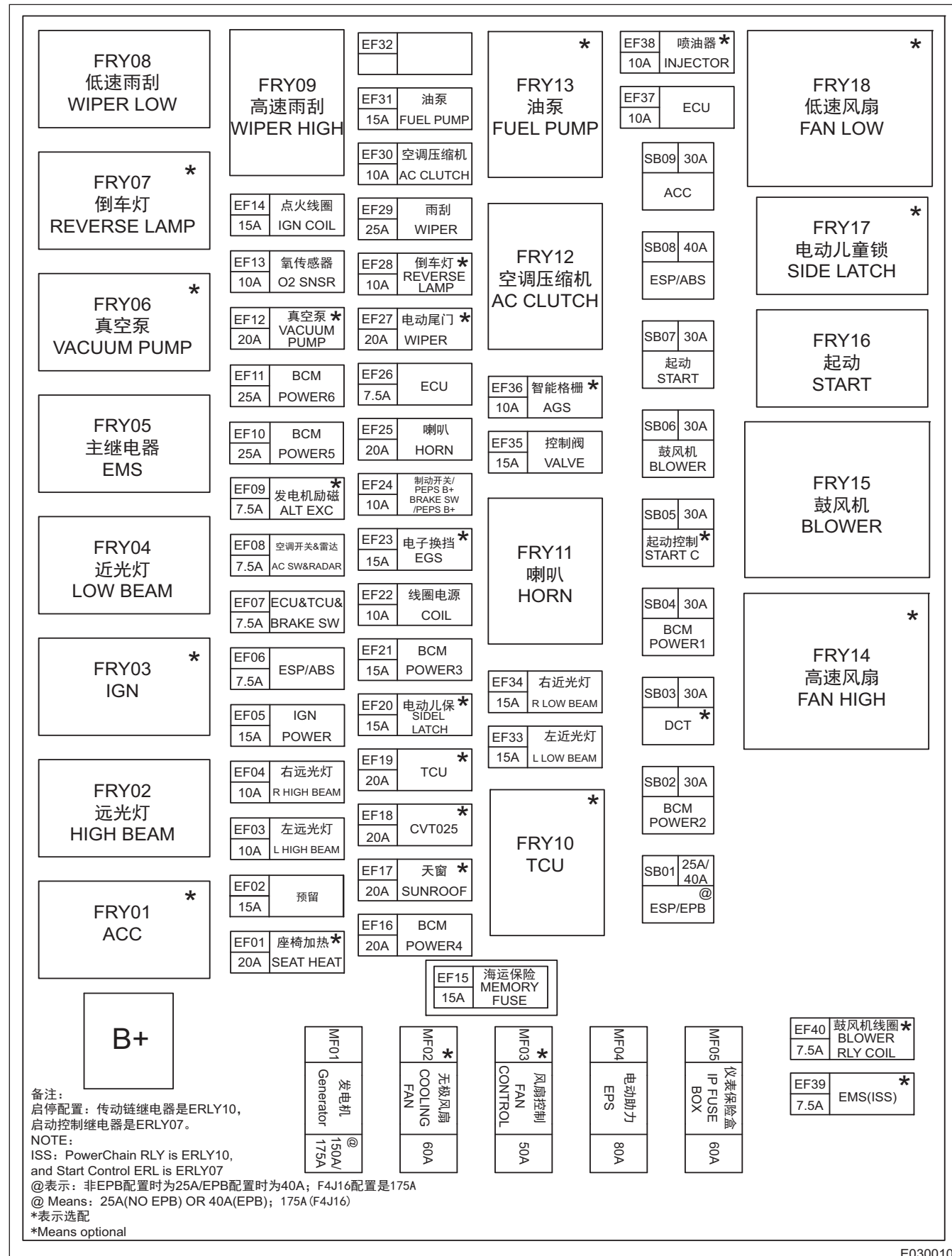
(1), Power Source Distribution Center	115	5.1, Power Supply System, Electronic Accelerator Pedal, Ignition Coil, A/C Compressor Clutch, Brake Switch	132
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(1), Power Source Distribution Center

1.1, Front Compartment Fuse and Relay Box Layout



1.2, Front Compartment Fuse Function Instruction

No.	Fuse Name	Fuse Load (A)	Function
1	SB01	25A/40A	ESP Module 25#/EPB Module 30#
2	SB02	30A	BCM Power Source
3	SB03	30A	CVT25 51#52#53#/7DCT 1#3#5
4	SB04	30A	BCM Power Source
5	SB05	30A	-
6	SB06	30A	Blower Relay
7	SB07	30A	Starter relay
8	SB08	40A	ESP Module 1#/EPB Module 1#
9	SB09	30A	Meter Fuse and Relay Box ACC
10	EF01	20A	Front Left Seat Heating 4#/ Front Right Seat Heating 4#
11	EF02	15A	-
12	EF03	10A	Left Combination Headlight 9#
13	EF04	10A	Right Combination Headlight 9#
14	EF05	15A	To Meter Fuse and Relay Box IGN1a/To Meter Fuse and Relay Box IGN1b
15	EF06	7.5A	ESP Module 28#/EPB Module 36#
16	EF07	7.5A	ECU 2-35#/ECU K87#/Brake Switch 2#/ CVT25 28#/7DCT 31#
17	EF08	7.5A	A/C High/Low Pressure Switch 2#3#/Radar Module 3#/ 360 Panoramic Module A3#/APA Module 31#/ Driving Recorder 2#
18	EF09	7.5A	Generator Excitation
19	EF10	25A	BCM 4-09#
20	EF11	25A	BCM 3-02#
21	EF12	20A	Vacuum Pump Relay
22	EF13	10A	Front Oxygen Sensor 4#/Rear Oxygen Sensor 4#
23	EF14	15A	Ignition Coil-1 1#/Ignition Coil-2 1#/ Ignition Coil-3 1#/Ignition Coil-4 1#
24	EF15	15A	To Meter Fuse and Relay Box 30b(IP)
25	EF16	25A	BCM 5-20#
26	EF17	20A	Sunroof 1#
27	EF18	20A	CVT025

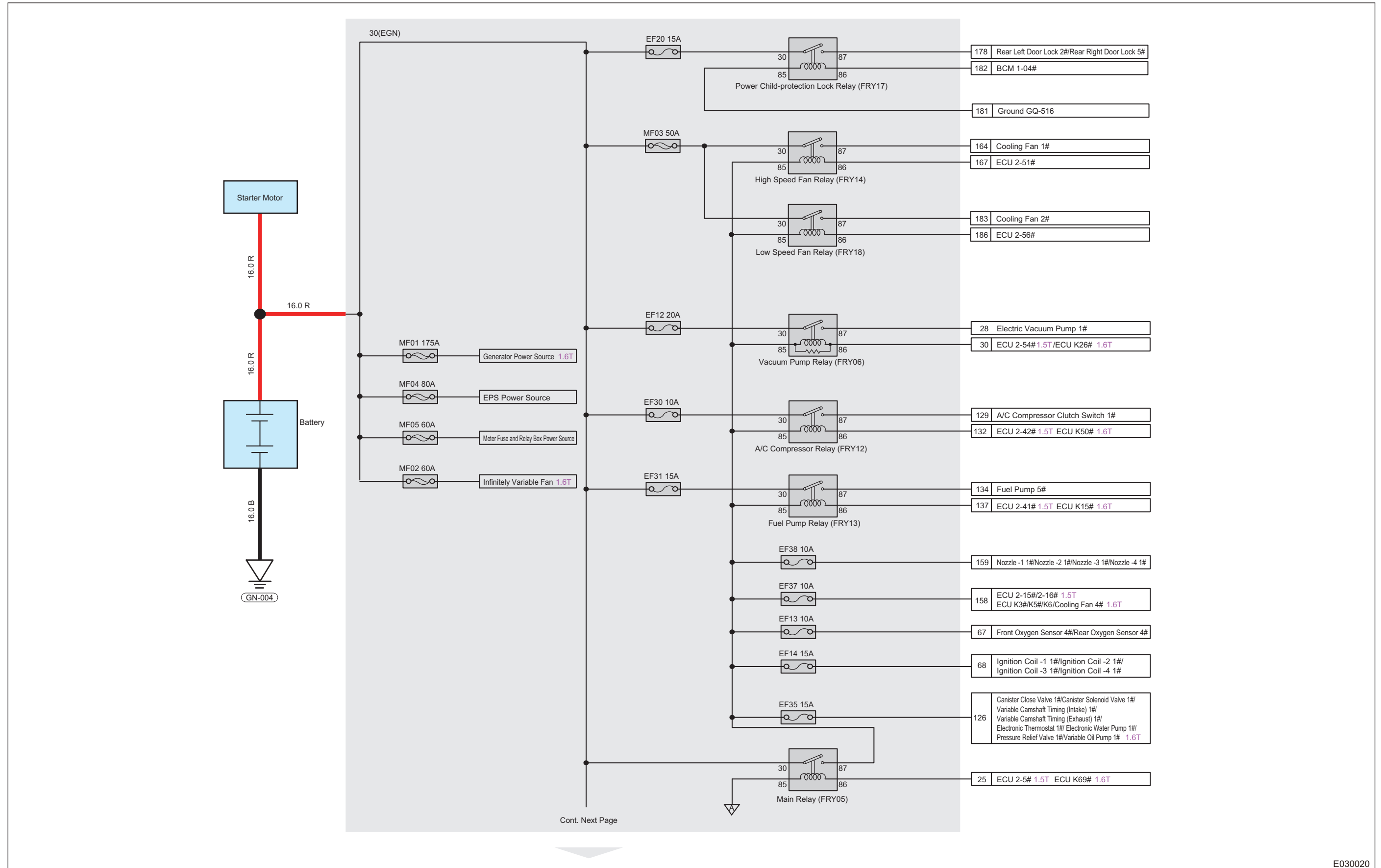
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1.2, Front Compartment Fuse Function Instruction (continued)

No.	Fuse Name	Fuse Load (A)	Function
28	EF19	20A	TCU Relay
29	EF20	15A	Power Child-protection Lock Relay
30	EF21	15A	BCM 3-01#
31	EF22	10A	High Beam Relay/Low Beam Relay/Main Relay/Horn Relay
32	EF23	25A	Electronic Shift Mechanism 7#
33	EF24	10A	PEPS Module 20#/Brake Switch 1#
34	EF25	20A	Horn relay
35	EF26	7.5A	ECU 2-20#/ECU K30#7DCT 18#
36	EF27	20A	Power Back Door Module 1-1#
37	EF28	10A	Back-up Light Relay
38	EF29	25A	Wiper Relay
39	EF30	10A	A/C Compressor Relay
40	EF31	15A	Fuel Pump Relay
41	EF32	-	-
42	EF33	15A	Left Headlight 7#/ Left Headlight Motor 1#
43	EF34	15A	Right Headlight 7#/ Right Headlight Motor 1#
44	EF35	15A	Canister Close Valve 1#/Canister Solenoid Valve 1#/ Variable Camshaft Timing (Intake) 1#/ Variable Camshaft Timing (Exhaust) 1#/ Electronic Thermostat 1#/Electronic Water Pump 1#/ Relief Control Valve 1#/Variable Oil Pump 1#
45	EF36	-	-
46	EF37	7.5A	ECU 2-15#/2-16#/ECU K3#/K5#/K6/Cooling Fan 4#
47	EF38	10A	Injection Nozzle-1 1#/ Injection Nozzle-2 1#/ Injection Nozzle-3 1#/ Injection Nozzle-4 1#
48	EF39	-	-
49	EF40	7.5A	Blower Relay
50	MF01	150A/175A	Generator Power Source
51	MF02	60A	Infinitely Variable Fan
52	MF03	50A	Fan Control

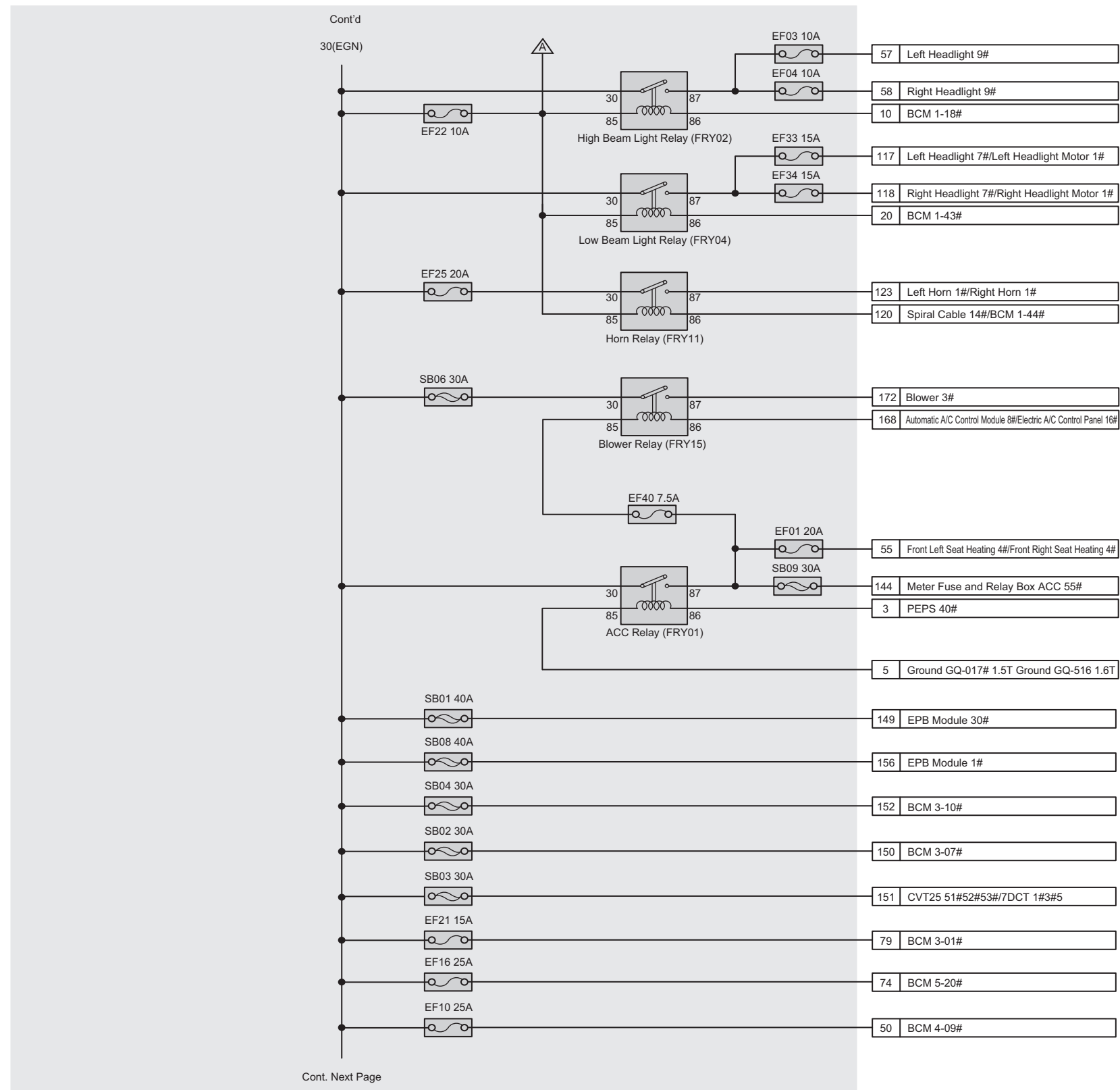
53	MF04	80A	EPS Power Source
54	MF05	60A	Meter Fuse and Relay Box Power Source

1.3, Front Compartment Fuse and Relay Box Internal Diagram



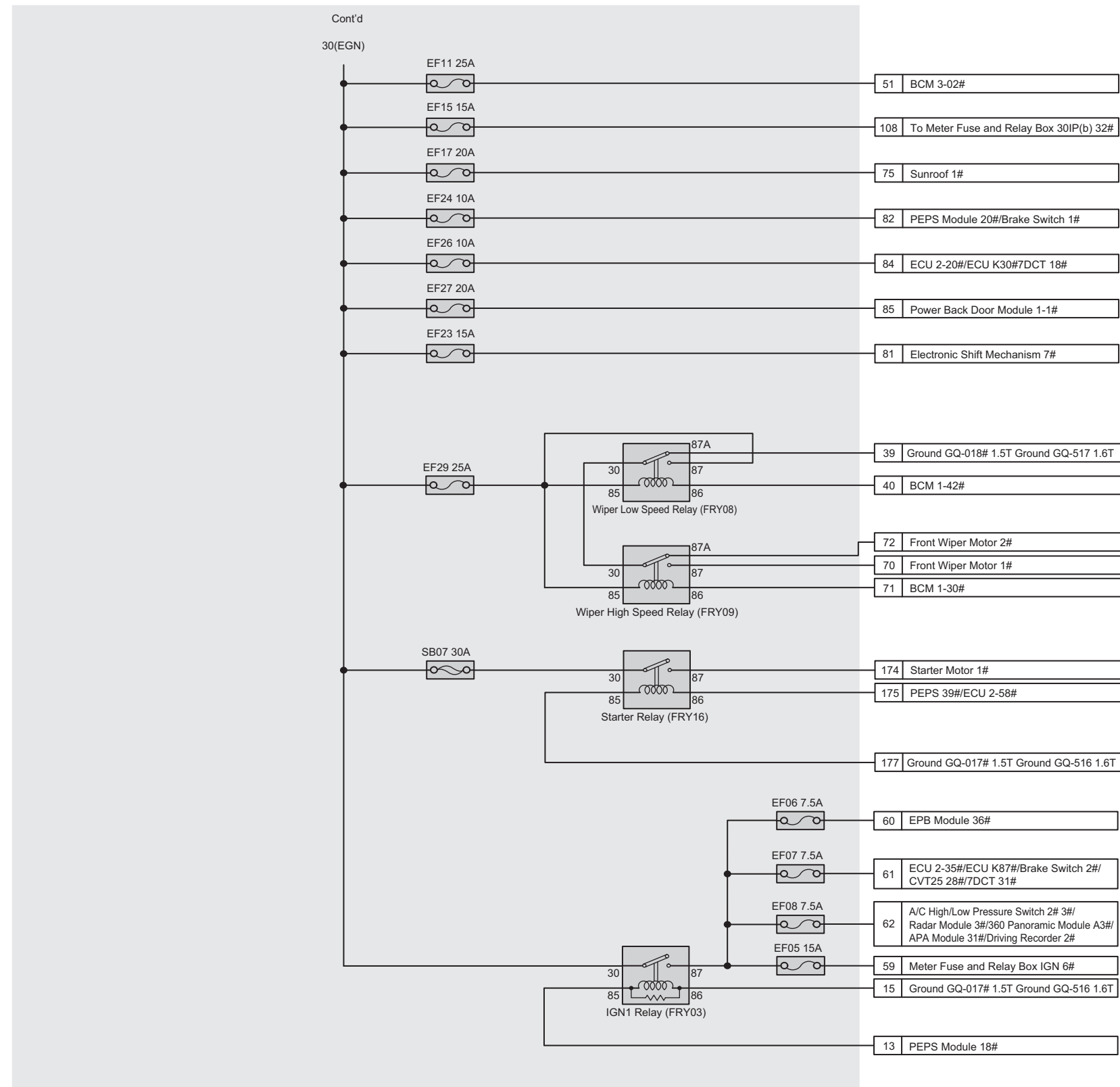
CHAPTER 3, SCHEMATIC DIAGRAM

Front Compartment Fuse and Relay Box Internal Diagram (continued)



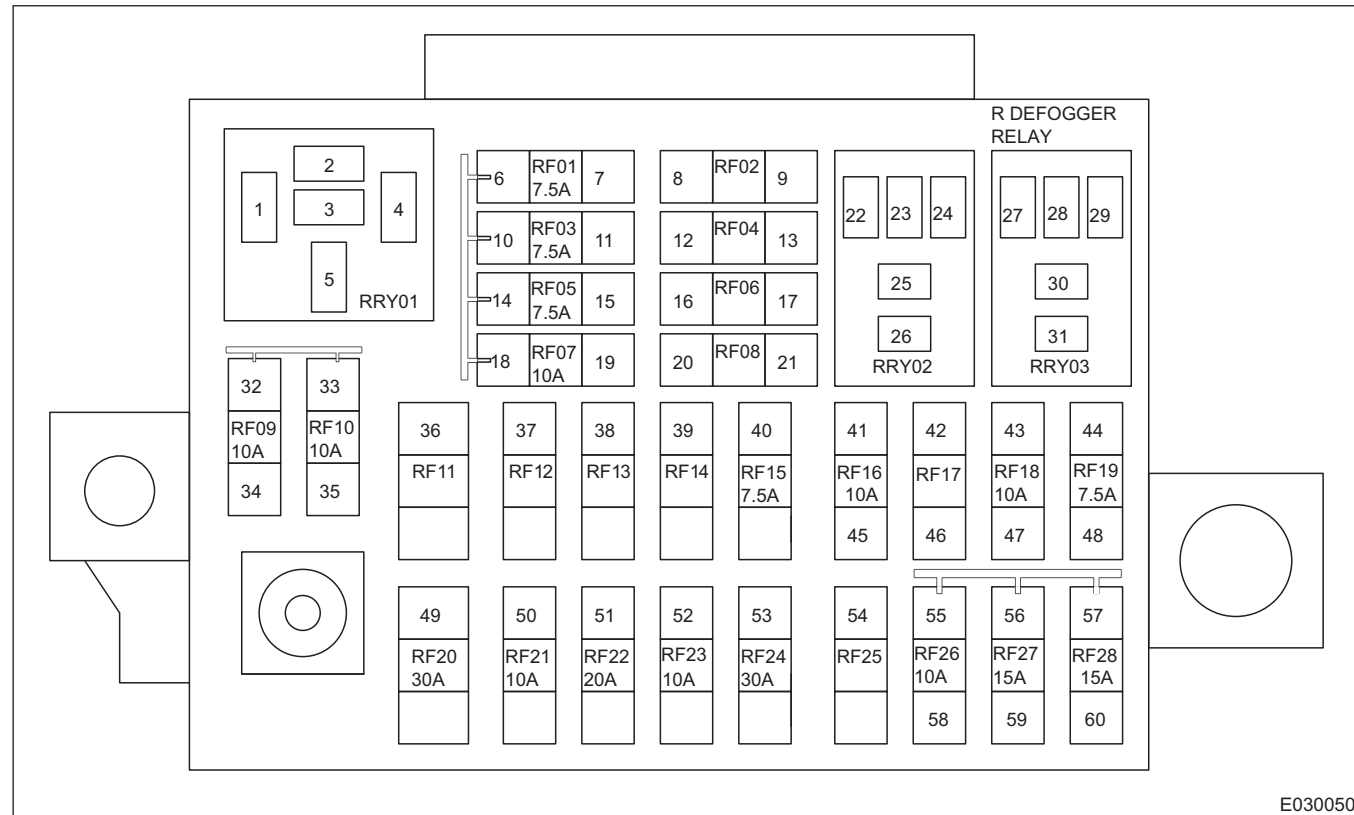
E030030

Front Compartment Fuse and Relay Box Internal Diagram (continued)



CHAPTER 3, SCHEMATIC DIAGRAM

1.4, Meter Fuse and Relay Box Layout, Fuse Function Description

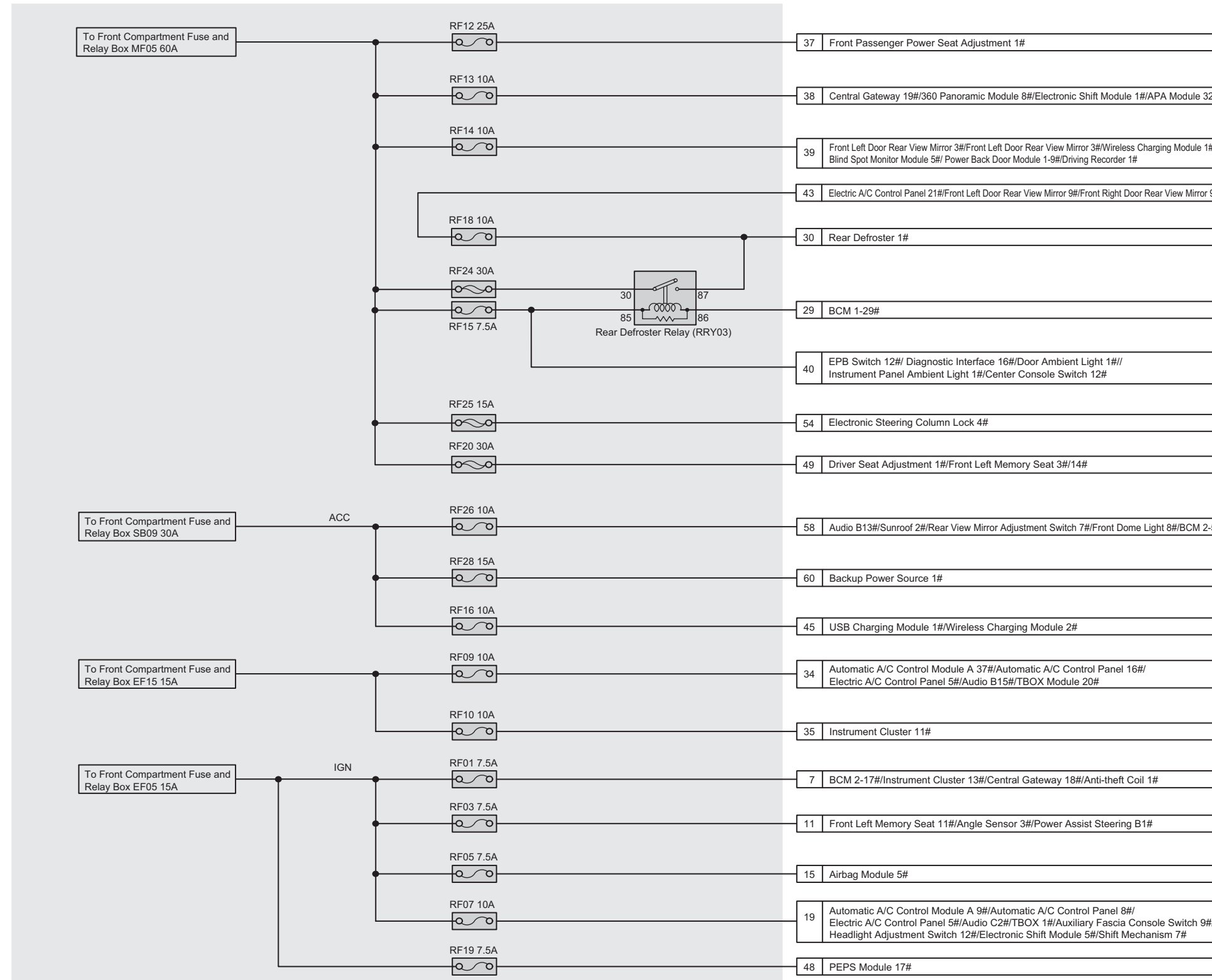


No.	Fuse Name	Fuse Load (A)	Function
11	RF11	-	-
12	RF12	-	-
13	RF13	-	-
14	RF14	-	-
15	RF15	7.5A	Rear Defroster Relay/Keyhole Lighting 1#/EPB Switch 12#/Volume Knob Switch 4#/Auxiliary Fascia Console Switch 2#/Panoramic View Monitor Module 20#/Diagnostic Interface 16#
16	RF16	10A	USB Charging Module 2#
17	RF17	-	-
18	RF18	10A	Rear Defroster Power Source / Front Left Door Rear View Mirror 9#/ Front Right Door Rear View Mirror 9#/ A/C Control Panel 21#
19	RF19	7.5A	PEPS Module J1-11#
20	RF20	30A	Seat Adjustment 1#
21	RF21	10A	Ignition switch 2#
22	RF22	20A	Ignition switch 4#
23	RF23	-	-
24	RF24	30A	Rear Defroster Relay
25	RF25	-	-
26	RF26	10A	BCM 2-05#/ Audio B5#/Gesture Recognition 1#/ Front Dome Light 8#/ Power Rear View Mirror Switch 7#
27	RF27	15A	Cigarette Lighter 2#
28	RF28	15A	Backup Power Source 1#

No.	Fuse Name	Fuse Load (A)	Function
1	RF01	7.5A	BCM 2-17#/ Instrument Cluster 13#
2	RF02	-	-
3	RF03	7.5A	Electronic Power Steering EPS B1#/ Angle Sensor 3#
4	RF04	-	-
5	RF05	7.5A	Airbag Control Module 5#
6	RF06	-	-
7	RF07	10A	TBOX Module 1#/ Audio C2#/Automatic Shift Control Mechanism 11#/ Headlight Adjusting Switch 6#/ Air Conditioning Control Panel 31#/ Inner/Outer Circulation Motor 2#/ Right Mix Damper Motor 2#/ Mode Damper Motor 2#/ ESP Integrated Switch 8#
8	RF08	-	-
9	RF09	10A	TBOX Module 20#/ Audio B7#/ A/C Control Panel 5#
10	RF10	10A	Instrument Cluster 11#

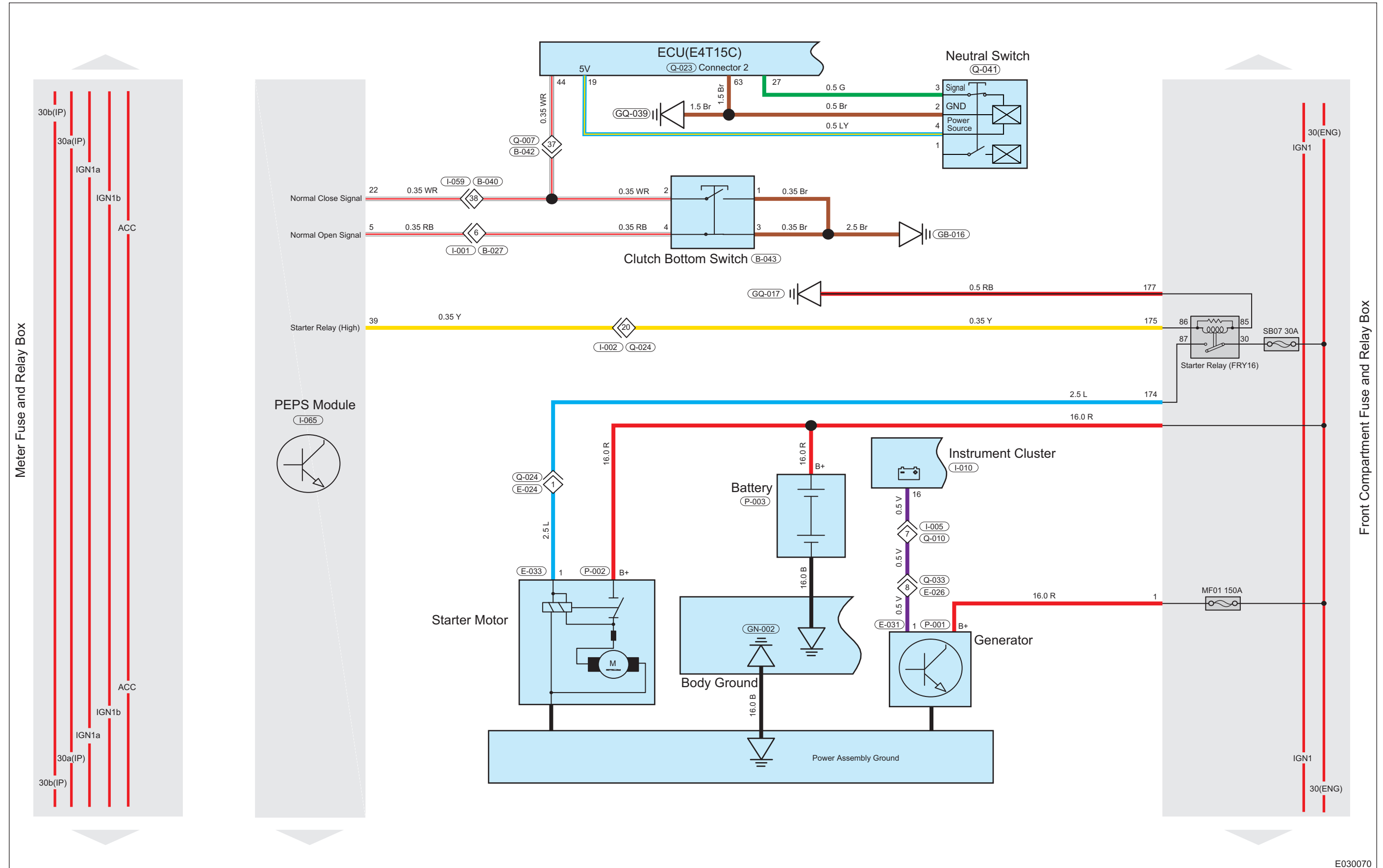
1.5, Meter Fuse and Relay Box Internal Diagram

Meter Fuse and Relay Box Internal Schematic Diagram



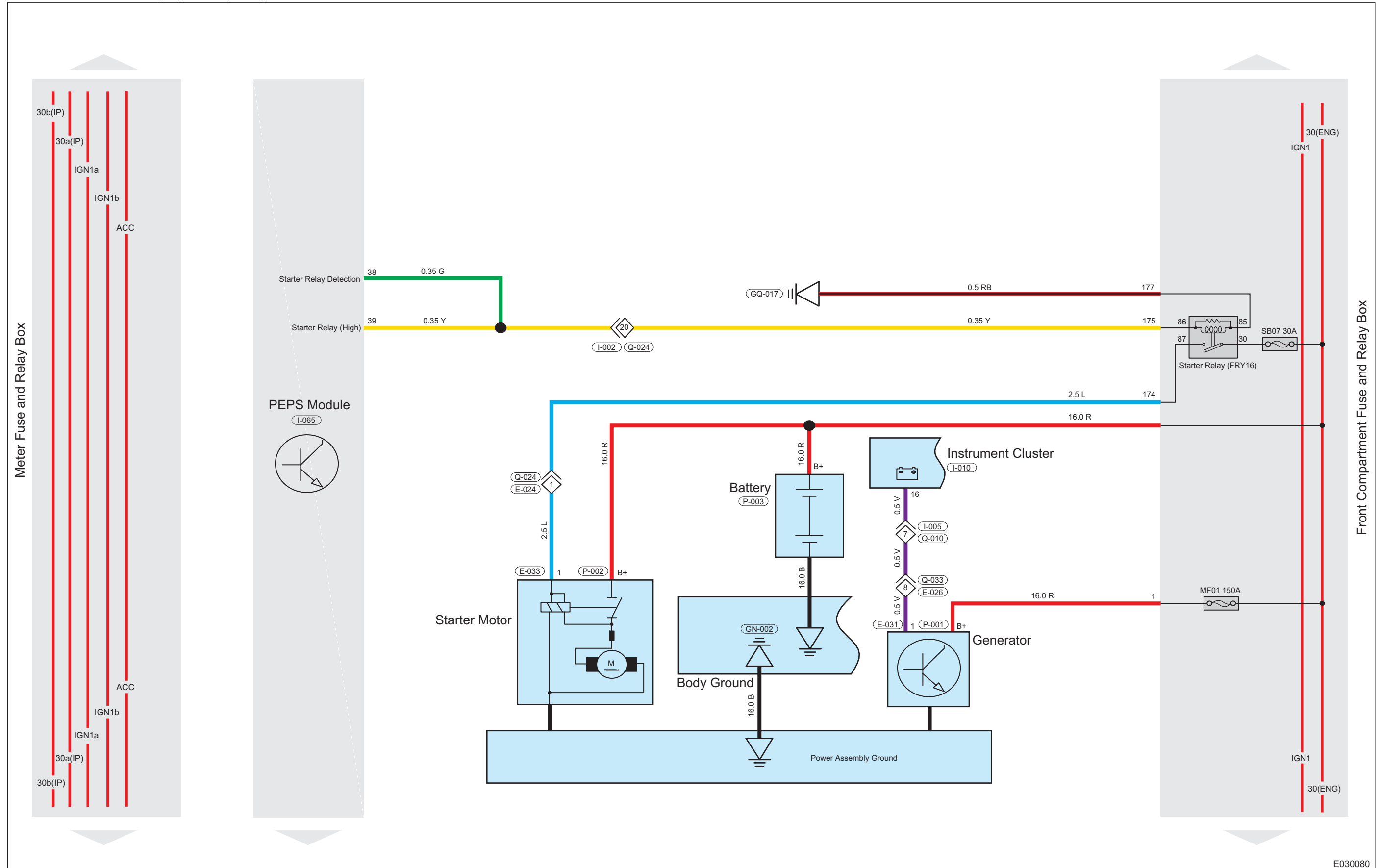
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(2), Start Charing and Vehicle Power Supply System (E4T15C)



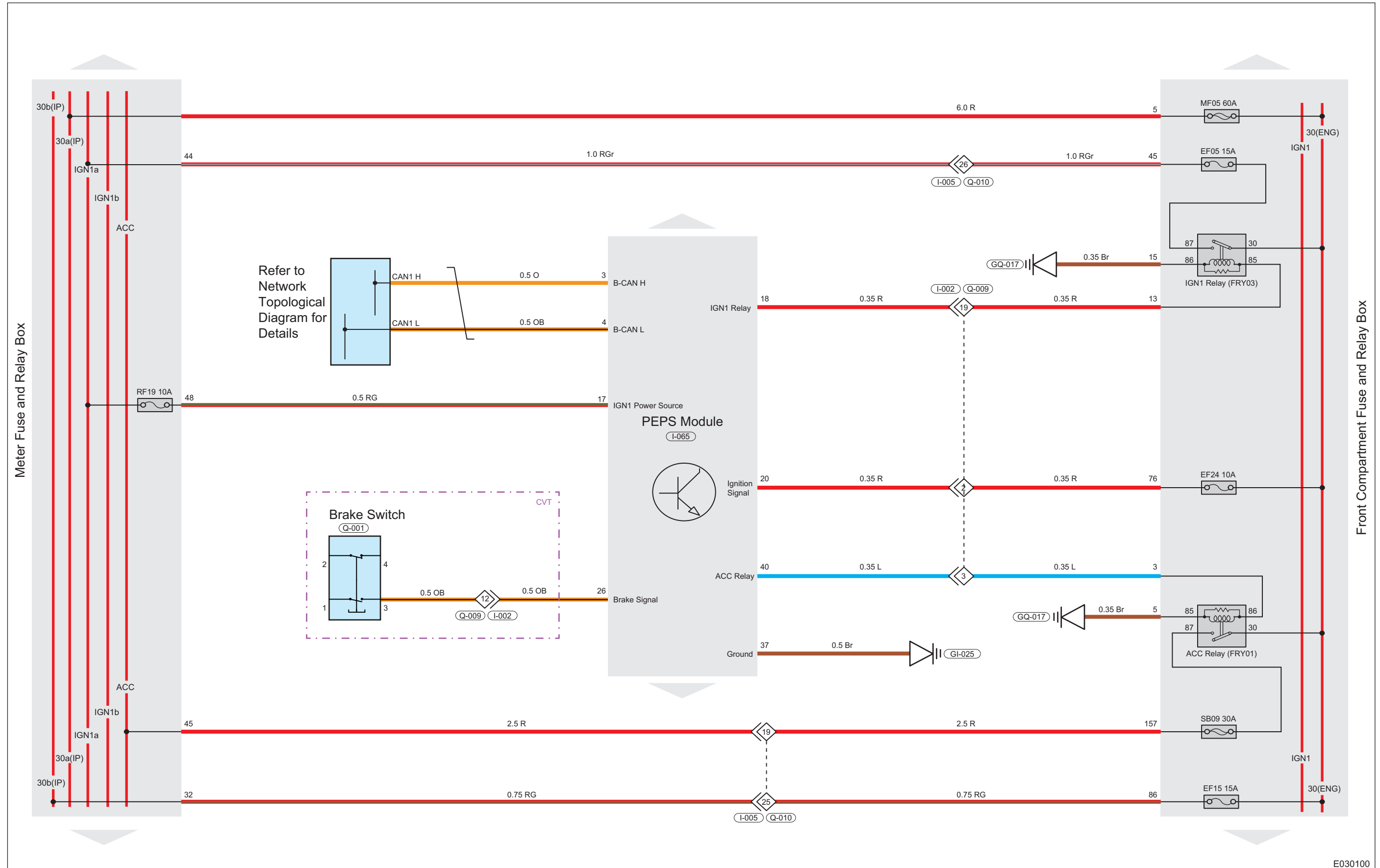
E030070

(3), Start Charing and PEPS System
 3.1, Start Charing System (1.5T)



E030080

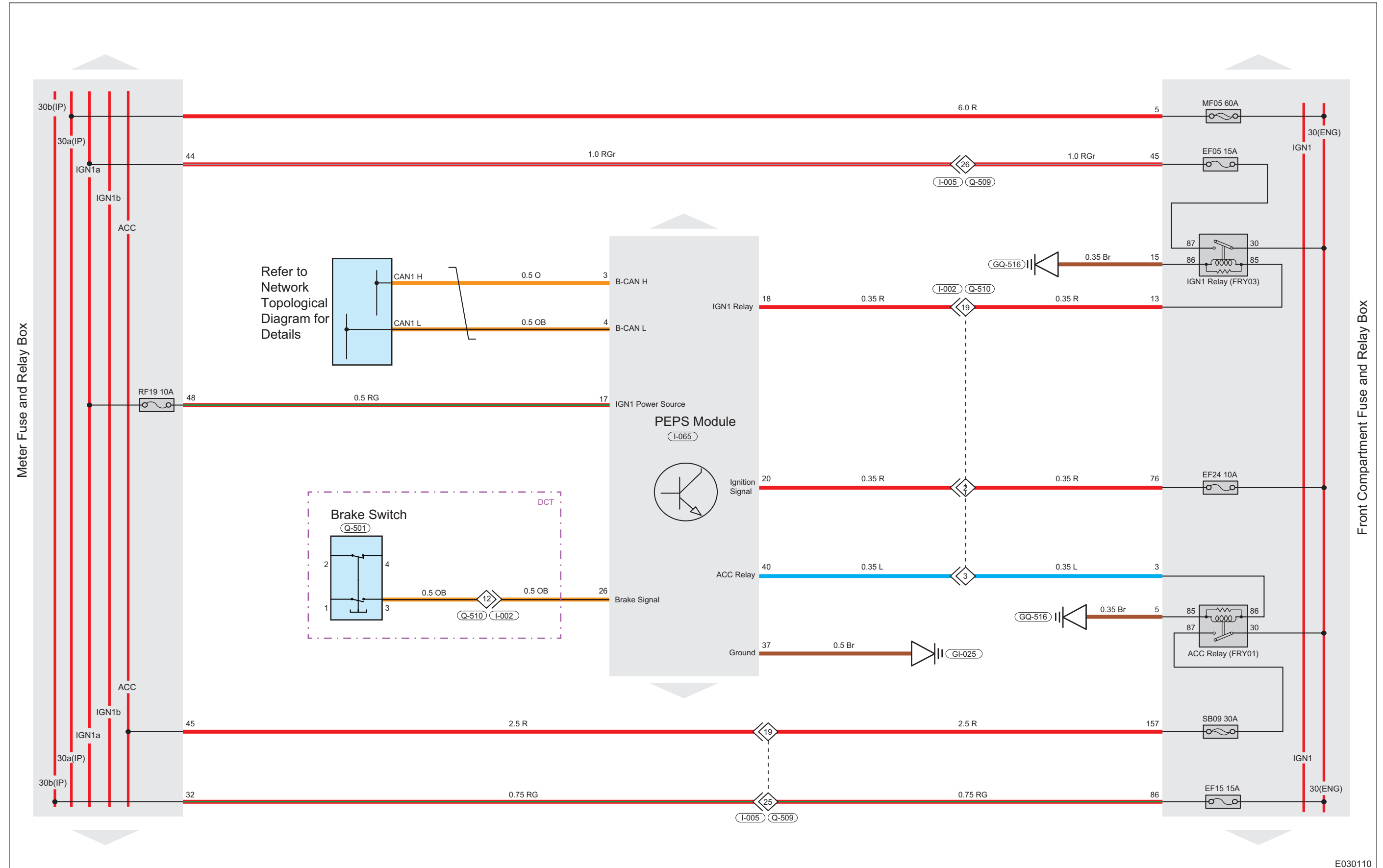
3.3, PEPS Power Supply and Communication System, Vehicle Power Supply System (1.5T)



E030100

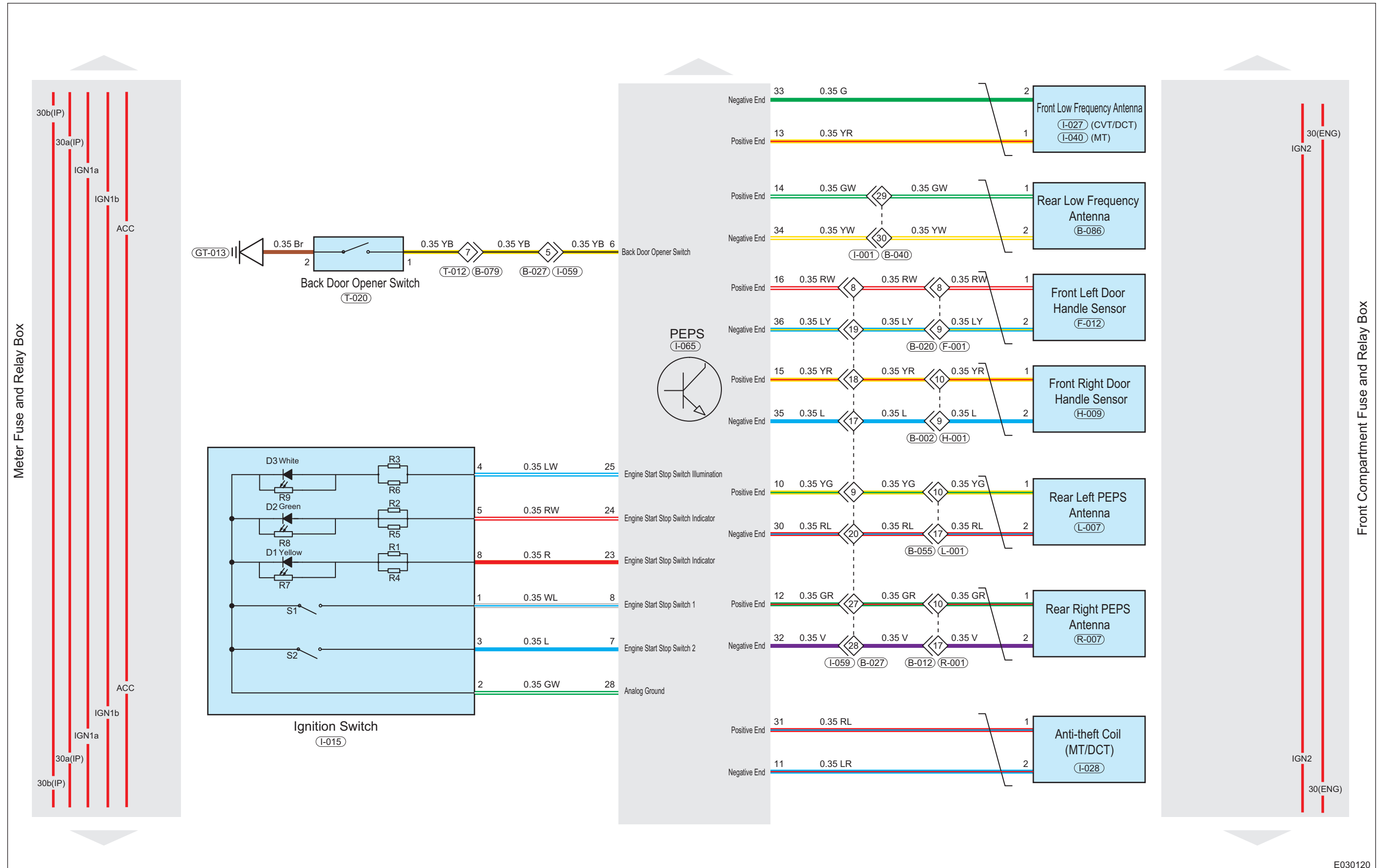
CHAPTER 3, SCHEMATIC DIAGRAM

3.4, PEPS Power Supply and Communication System, Vehicle Power Supply System (1.6T)



E030110

3.5, PEPS System Related Signal

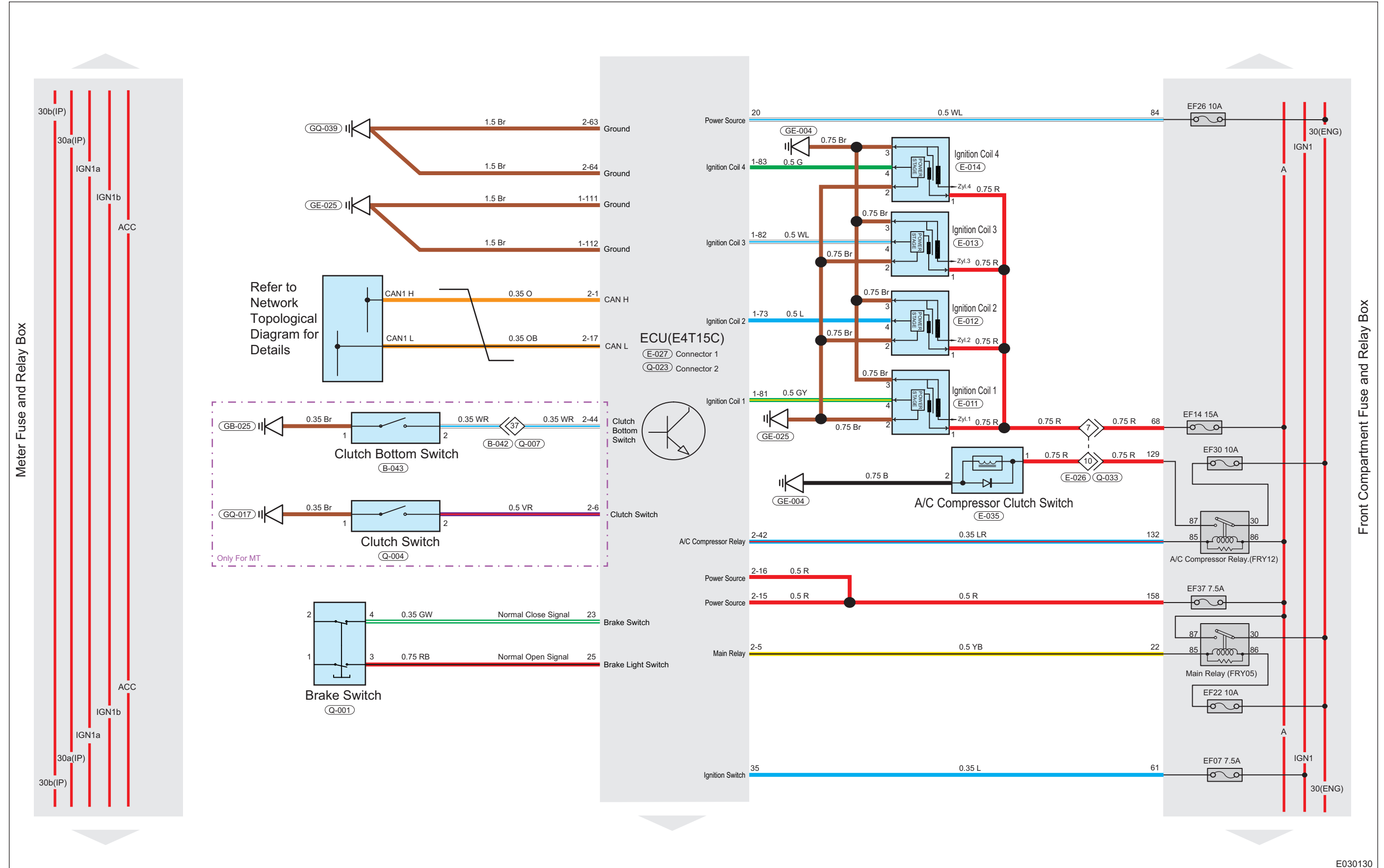


E030120

CHAPTER 3, SCHEMATIC DIAGRAM

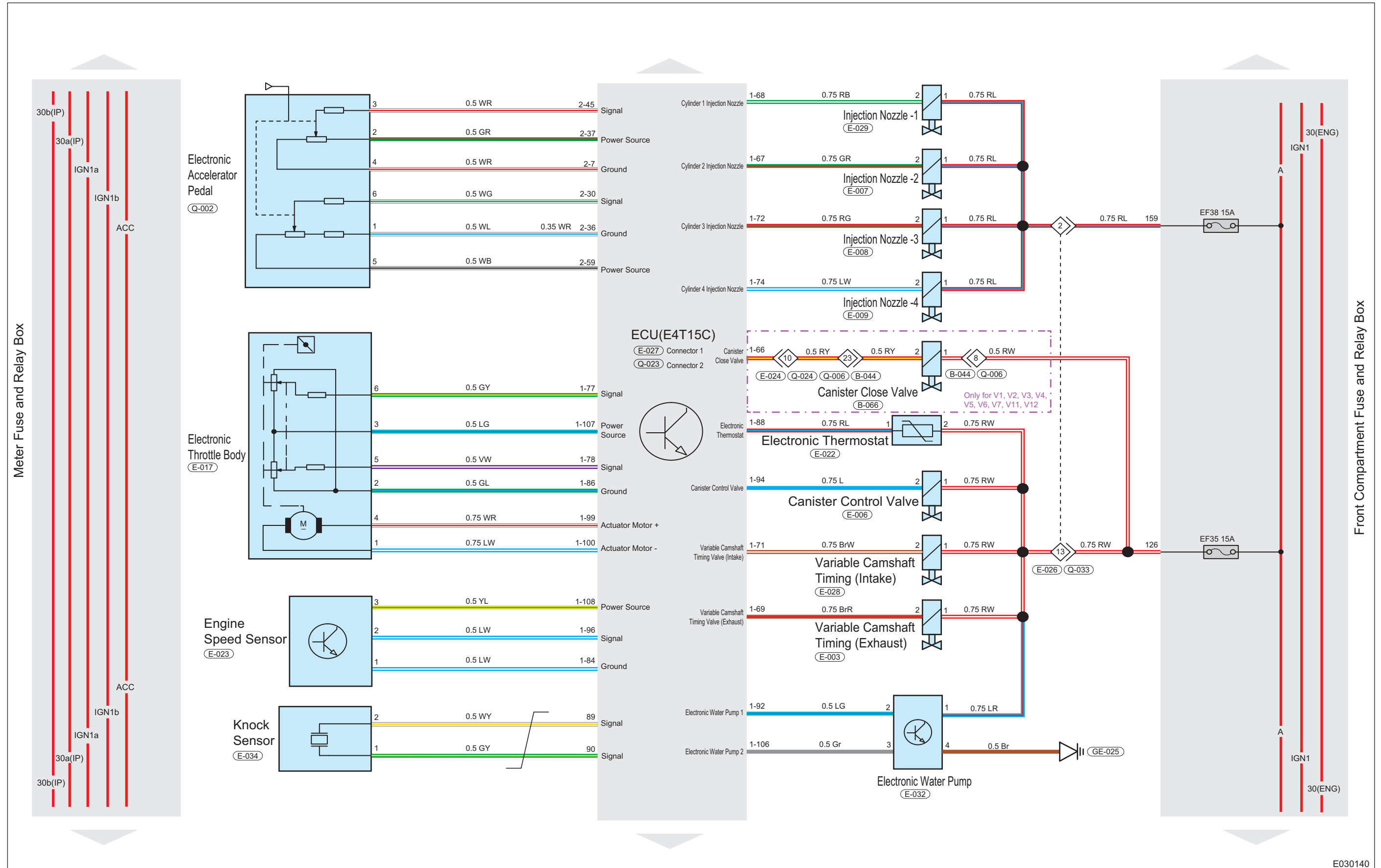
(4), ECU (E4T15C)

4.1, Power Supply System, Clutch Switch, Ignition Coil, Brake Signal, Compressor



E030130

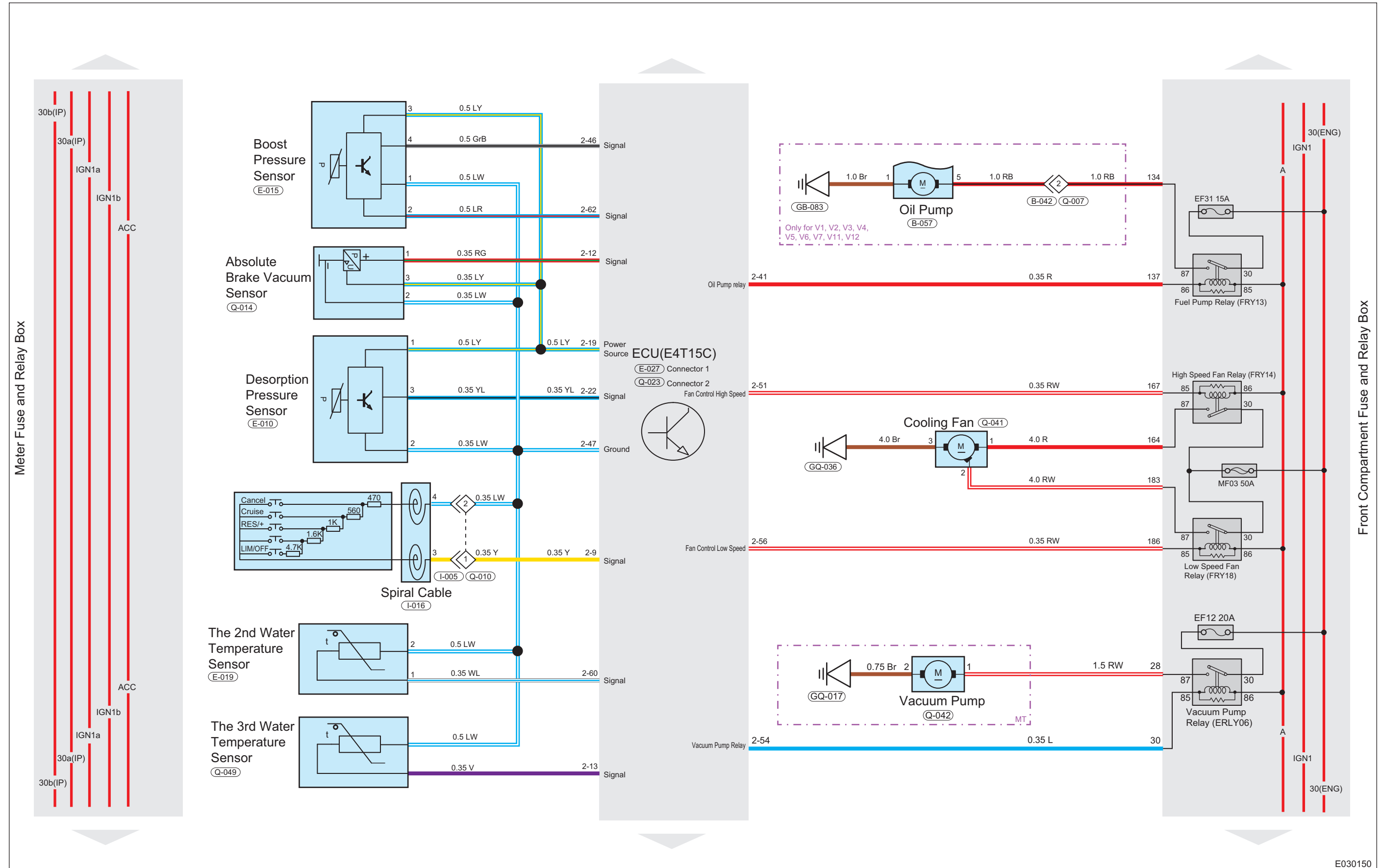
4.2, Electronic Accelerator Pedal, Electronic Throttle, Speed Sensor, Knock Sensor, Injection Nozzle, Intake & Exhaust Camshaft Timing Solenoid Valve, Canister Solenoid Valve, Electronic Thermostat, Electronic Water Pump



E030140

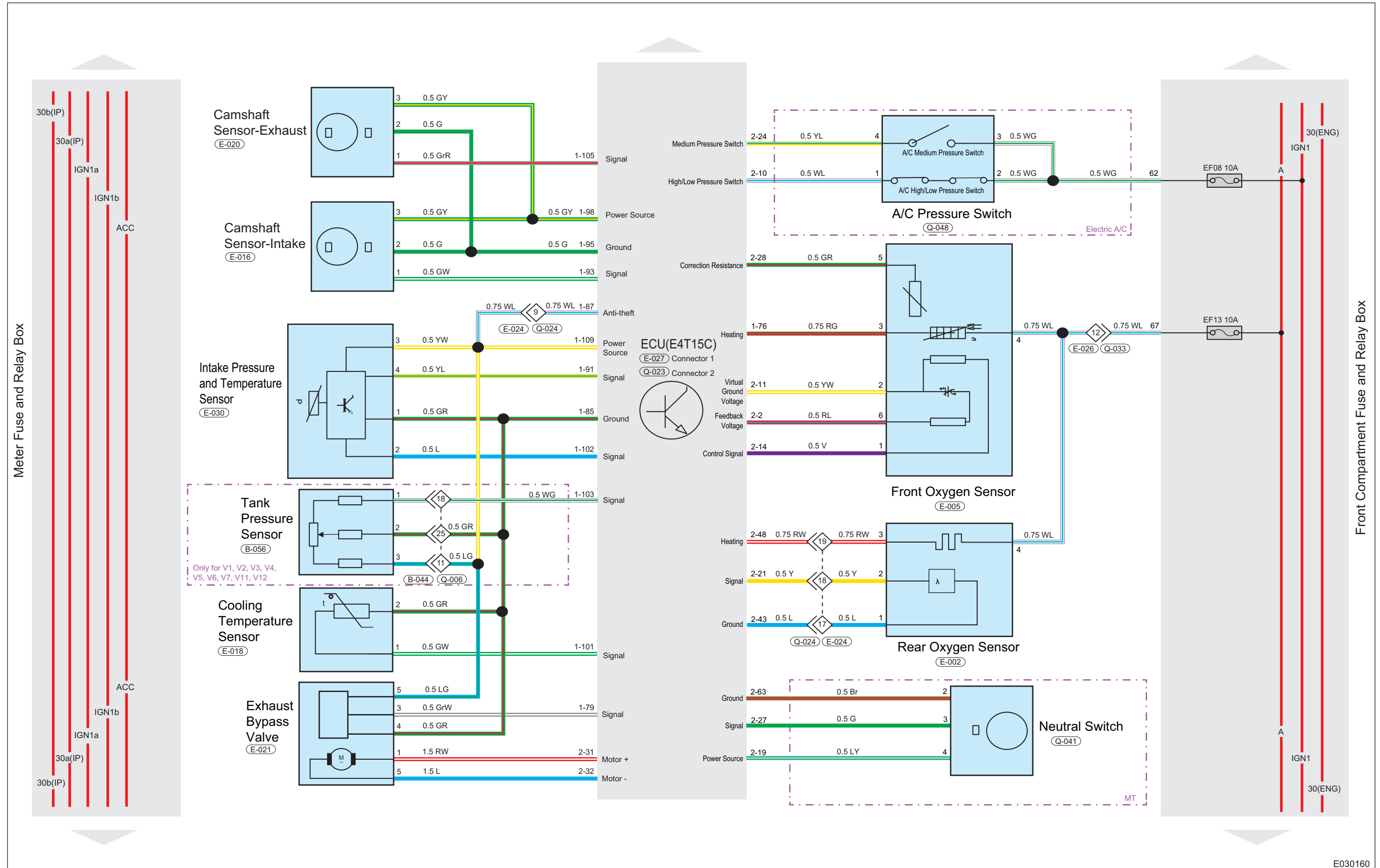
CHAPTER 3, SCHEMATIC DIAGRAM

4.3, Intake & Exhaust Phase Sensor, Boost Pressure Sensor, Water Temperature Sensor, Cruise Switch, Cooling Fan, Oil Pump, Vacuum Pump



E030150

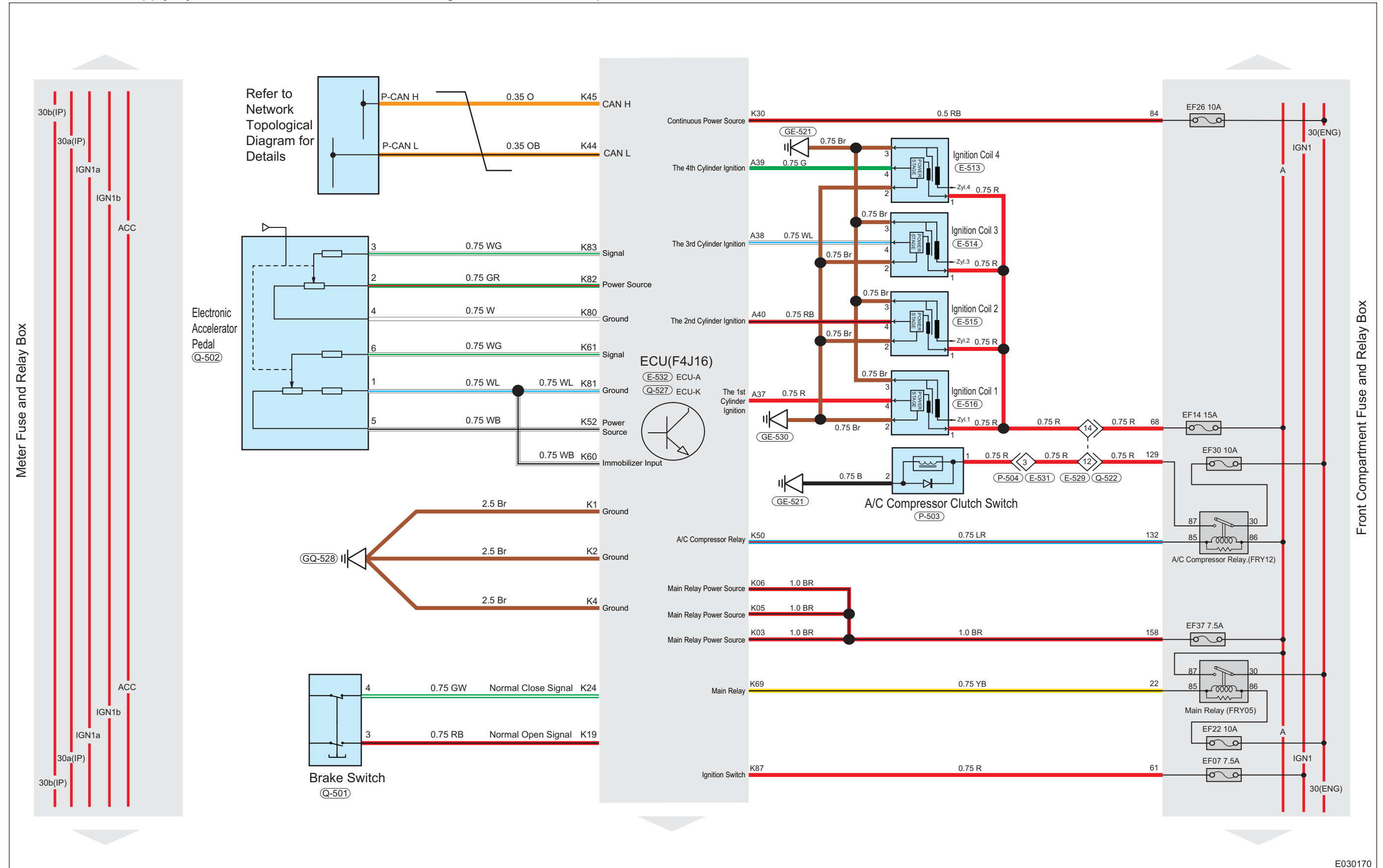
4.4, Air Inlet Pressure & Temperature Sensor, Phase Sensor, Tank Pressure Sensor, Exhaust Bypass Valve, Water Temperature Sensor, A/C Pressure Switch, Oxygen Sensor



CHAPTER 3, SCHEMATIC DIAGRAM

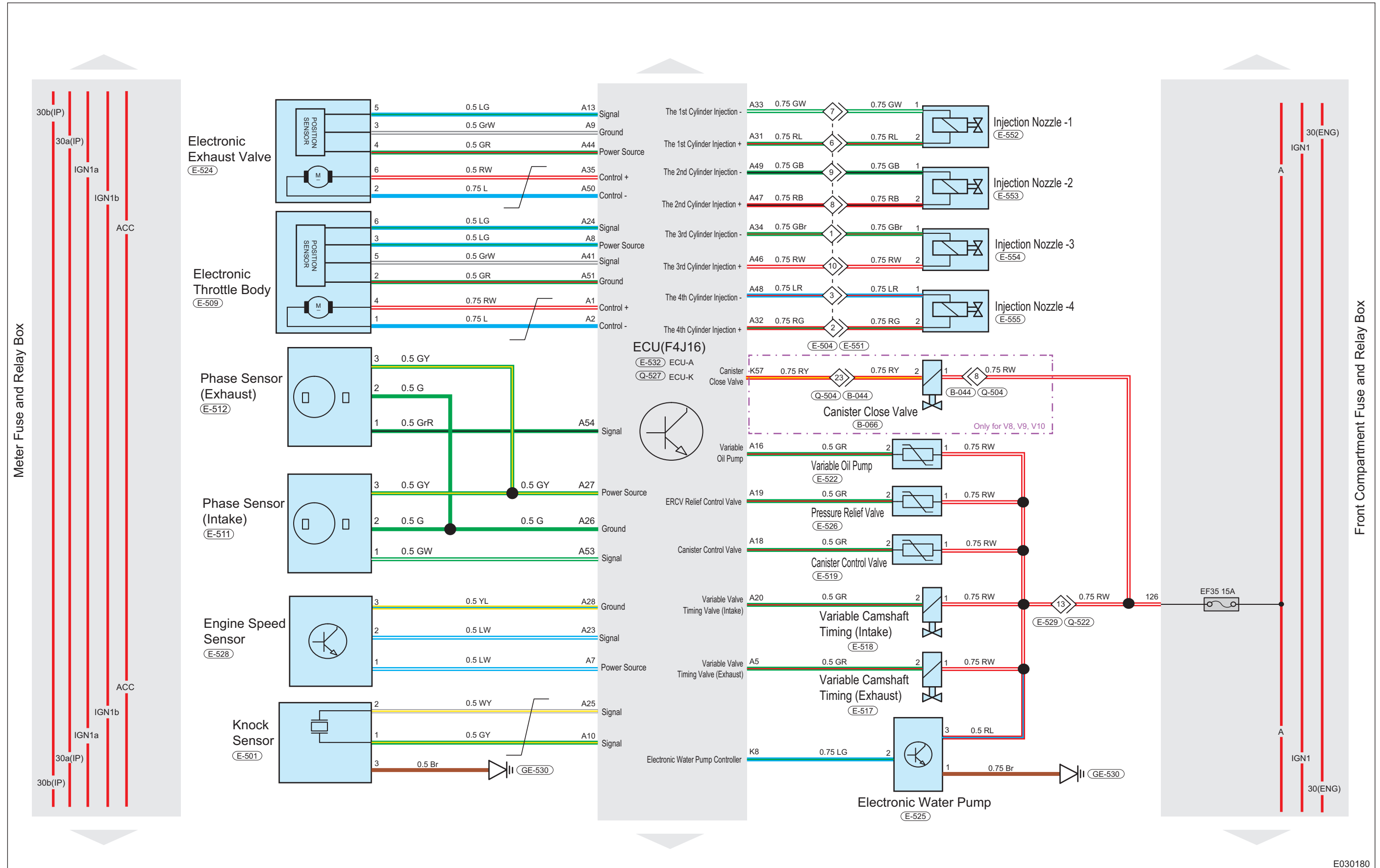
(5), ECU (F4J16)

5.1, Power Supply System, Electronic Accelerator Pedal, Ignition Coil, A/C Compressor Clutch, Brake Switch

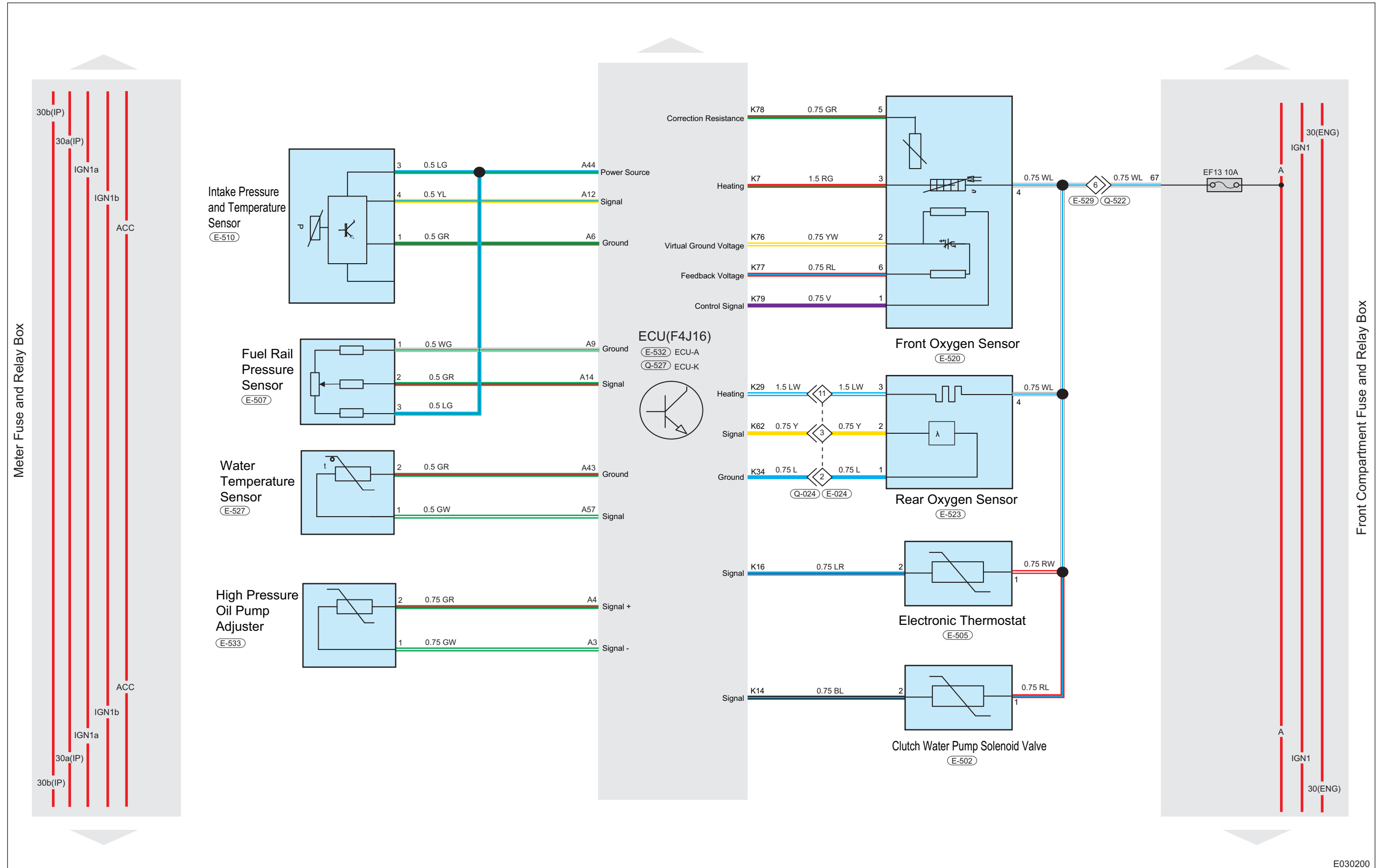


E030170

5.2, Electronic Exhaust Valve, Electronic Throttle, Speed Sensor, Knock Sensor, Injection Nozzle, Canister Close Valve, Canister Control Valve, Relief Control Valve, Variable Camshaft Timing Intake/Exhaust, Electronic Water Pump



5.4, Air Inlet Pressure & Temperature Sensor, Fuel Rail Pressure Sensor, Water Temperature Sensor, High Pressure Fuel Pump, Oxygen Sensor, Electronic Thermostat, Clutch Water Pump Solenoid Valve

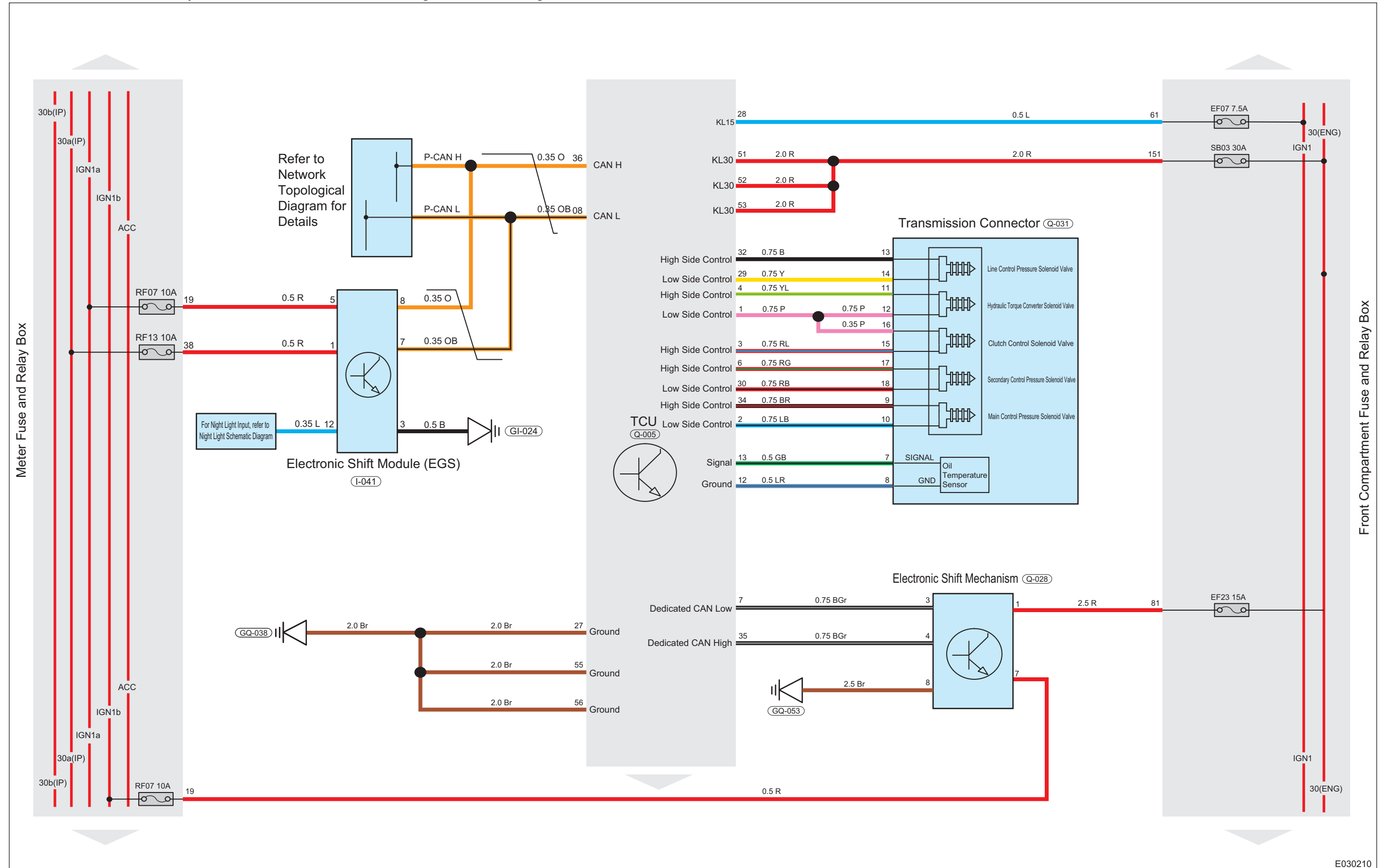


E030200

CHAPTER 3, SCHEMATIC DIAGRAM

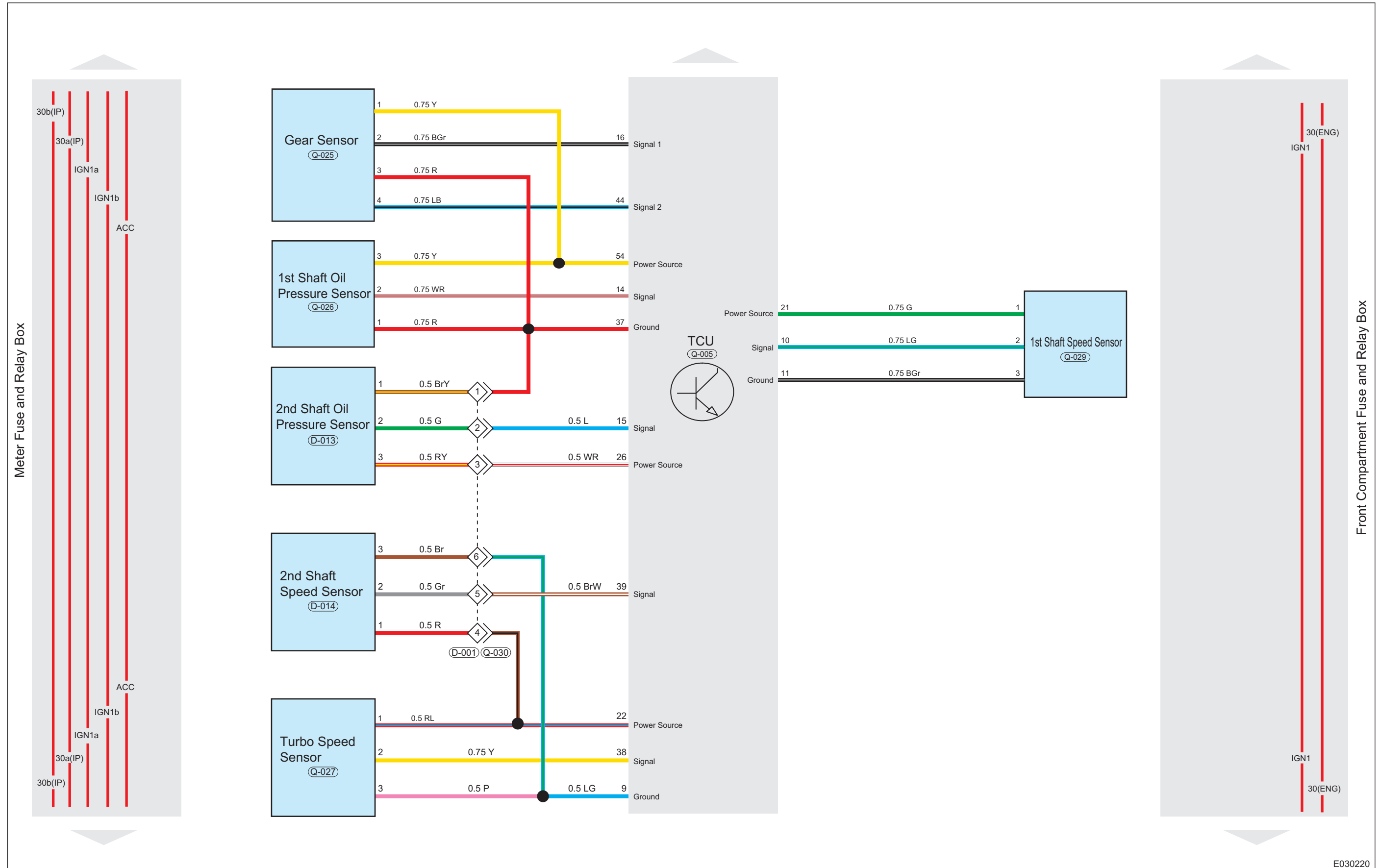
(6), TCU System (CVT25 Model)

6.1, Power Source System, Shift Mechanism, Brake Signal, Network Signal, Transmission



E030210

6.2, Sensor (1st Shaft Oil Pressure, 2nd Shaft Oil Pressure, 1st Shaft Speed, 2nd Shaft Speed, Turbo Speed, Gear)

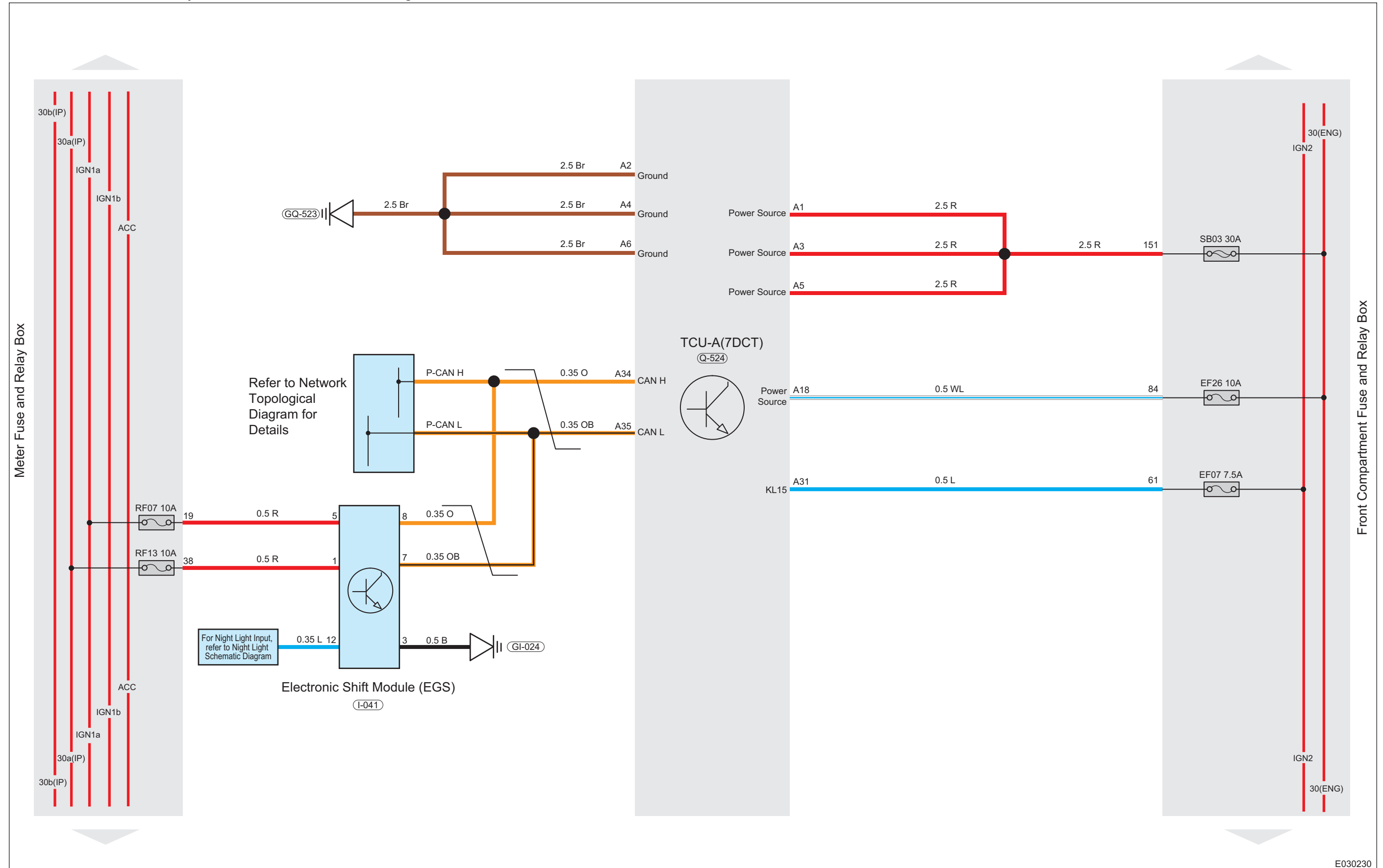


E030220

CHAPTER 3, SCHEMATIC DIAGRAM

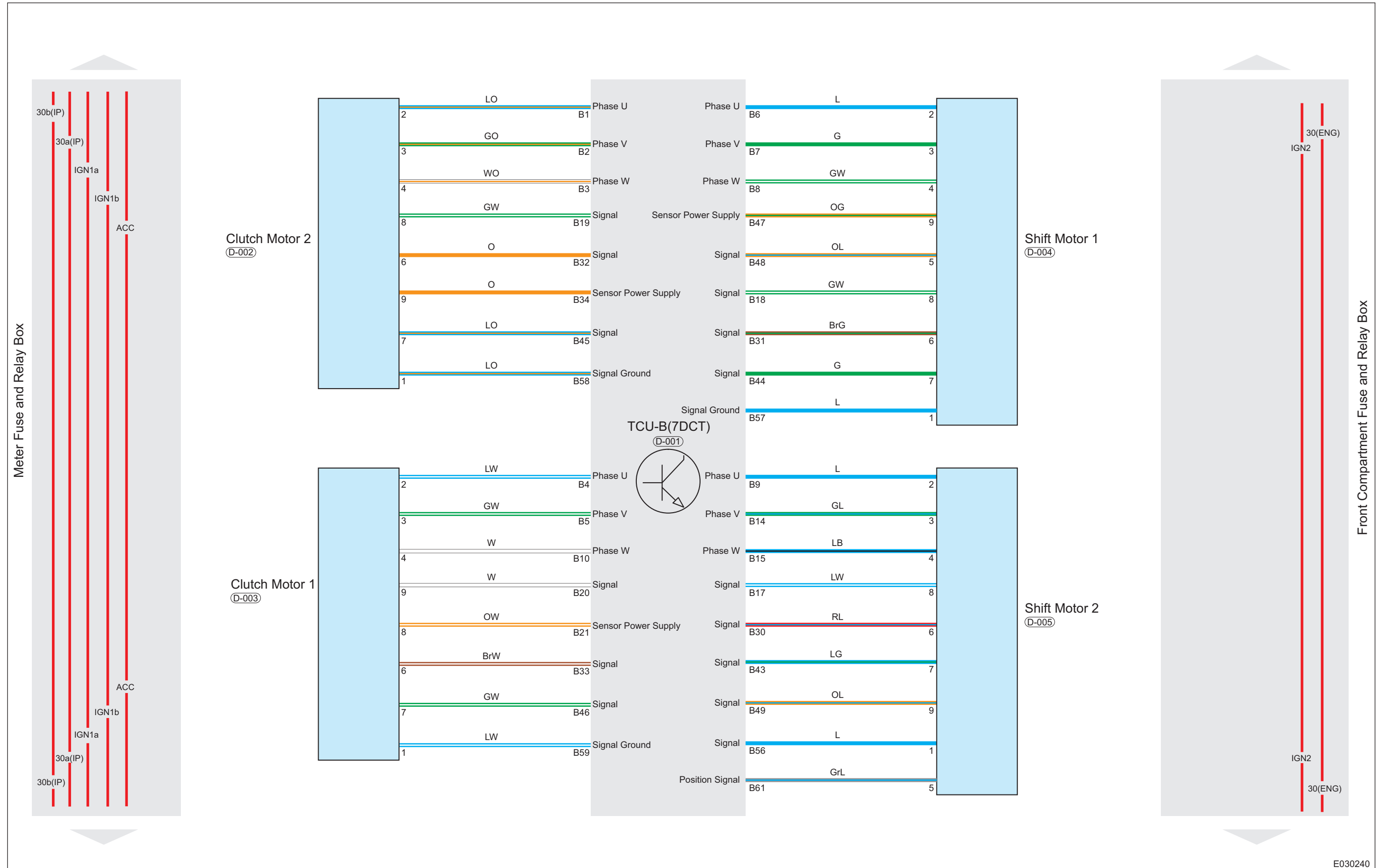
(7), TCU System (7DCT Model)

7.1, Power Source System, Shift Switch, Network Signal, Transmission



E030230

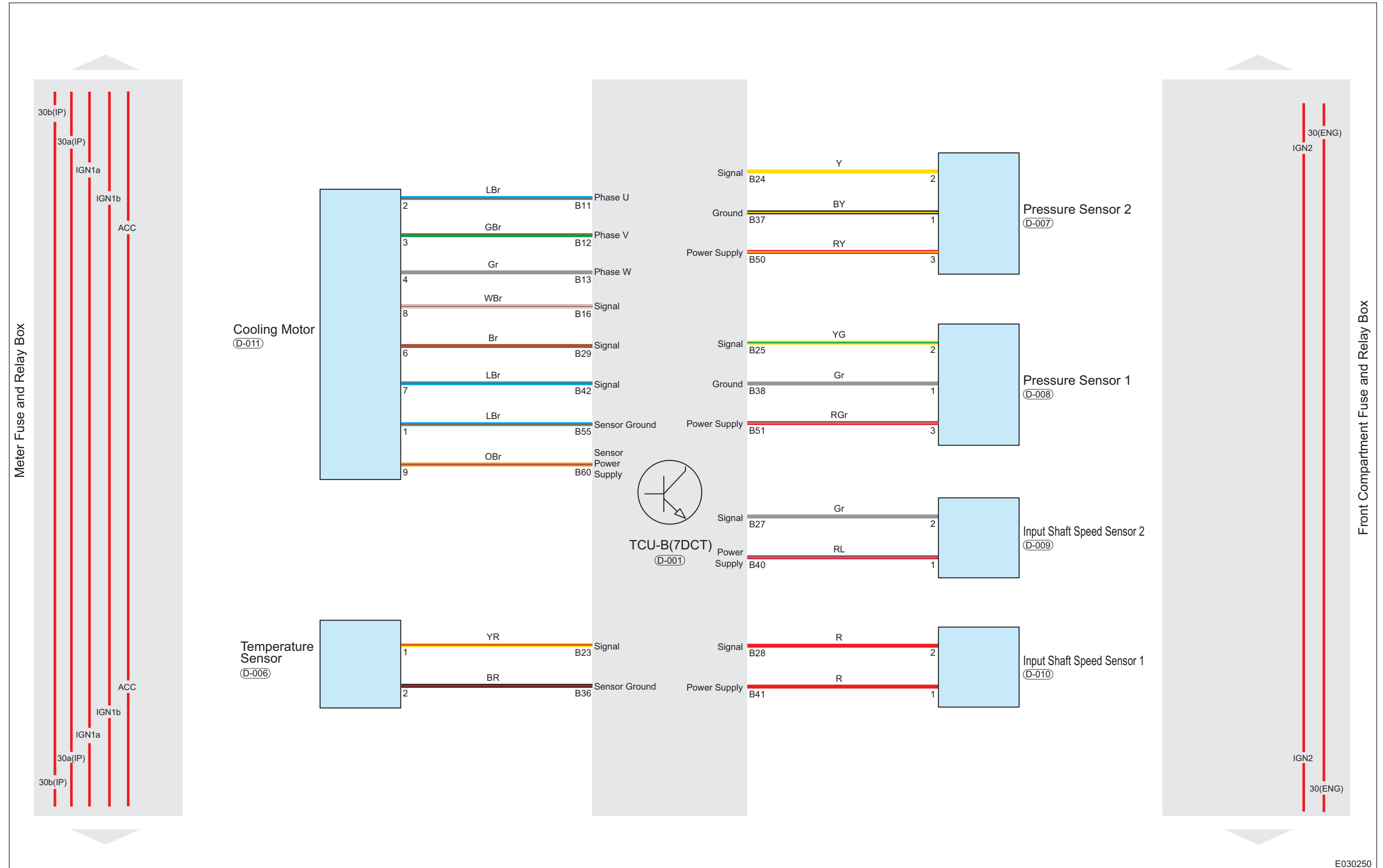
7.2, Clutch Motor, Shift Motor



E030240

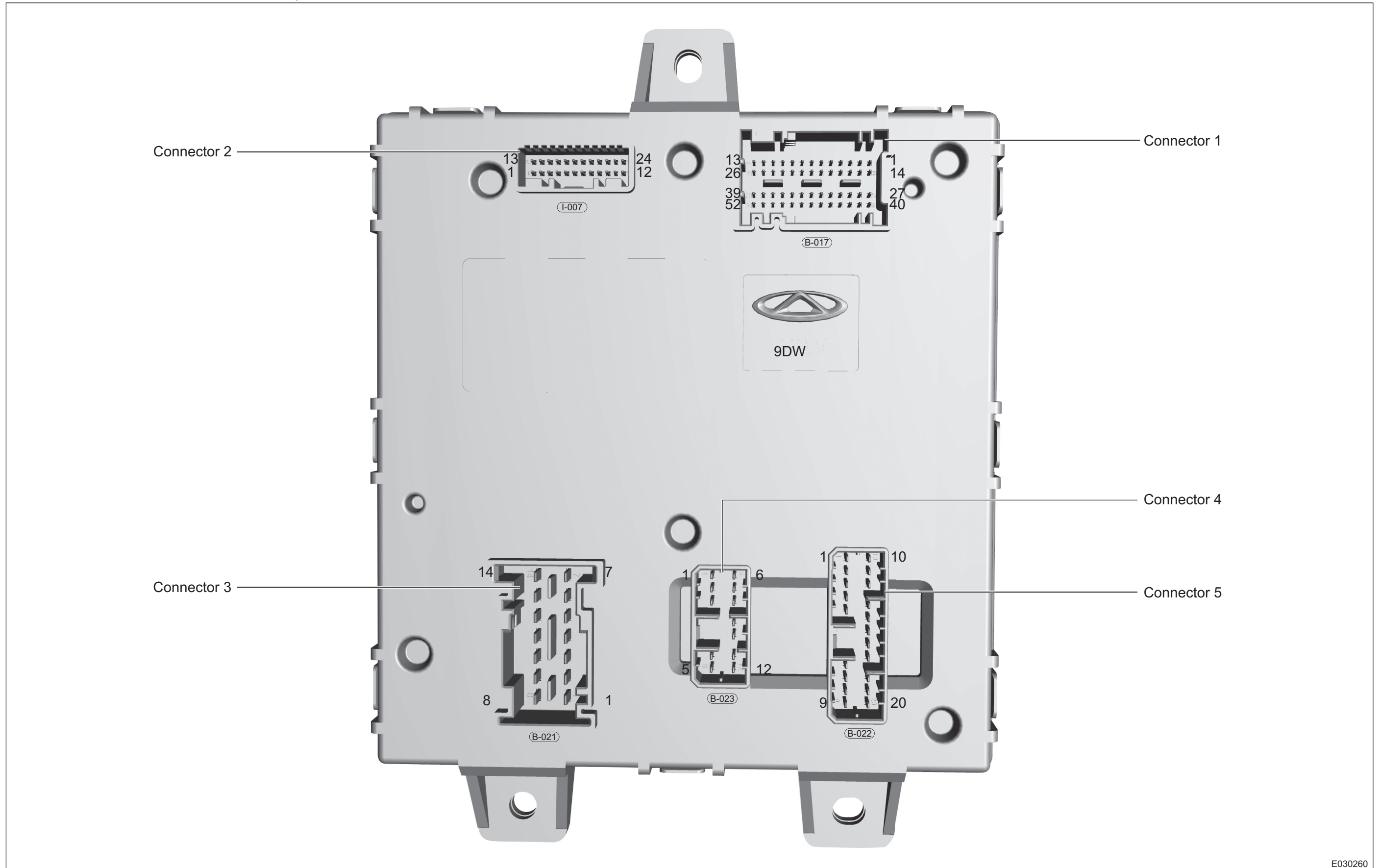
CHAPTER 3, SCHEMATIC DIAGRAM

7.3, Cooling Motor, Temperature Sensor, Pressure Sensor, Input Shaft Speed Sensor



E030250

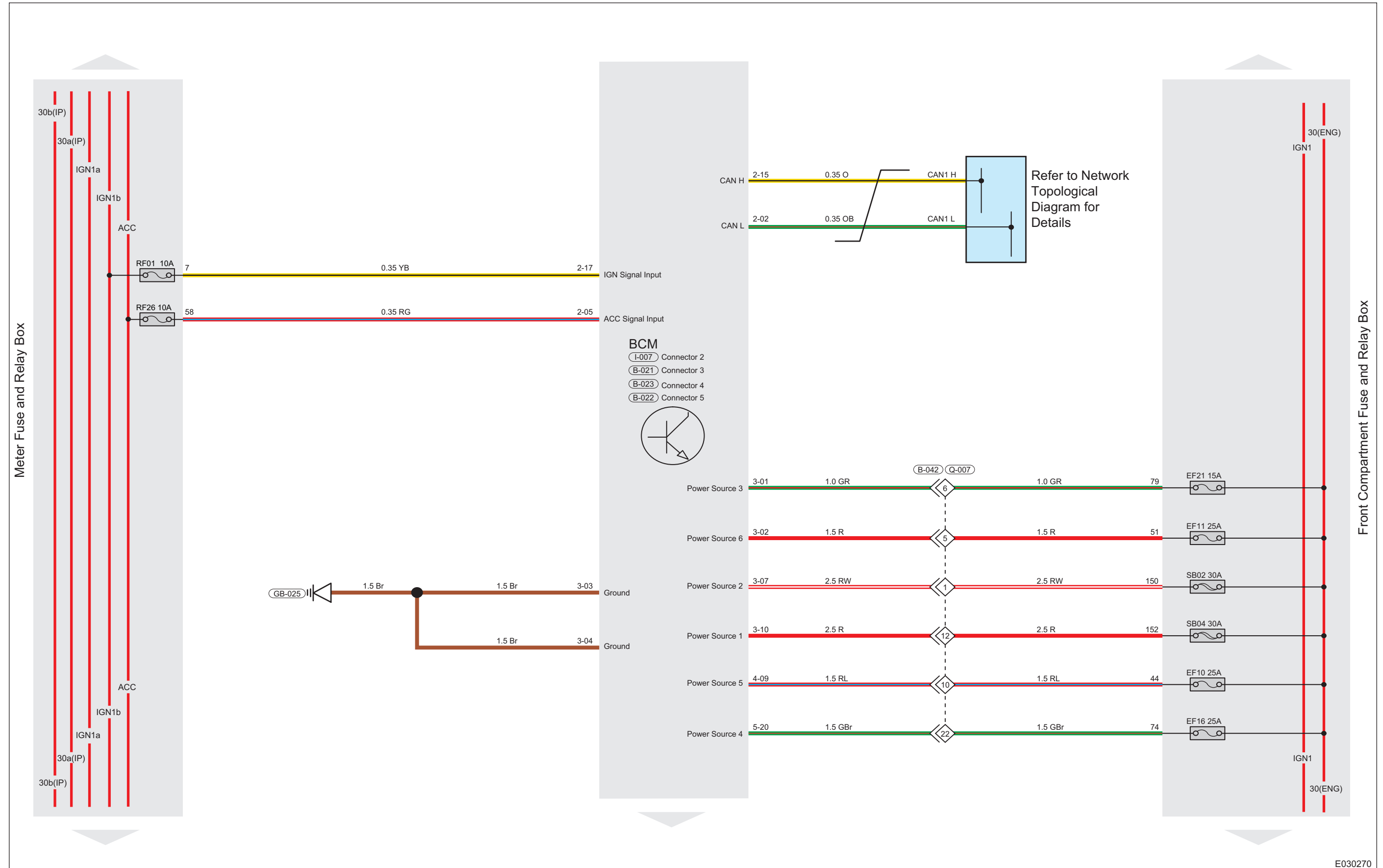
(8), BCM System
8.1, BCM Connector Terminal Description



E030260

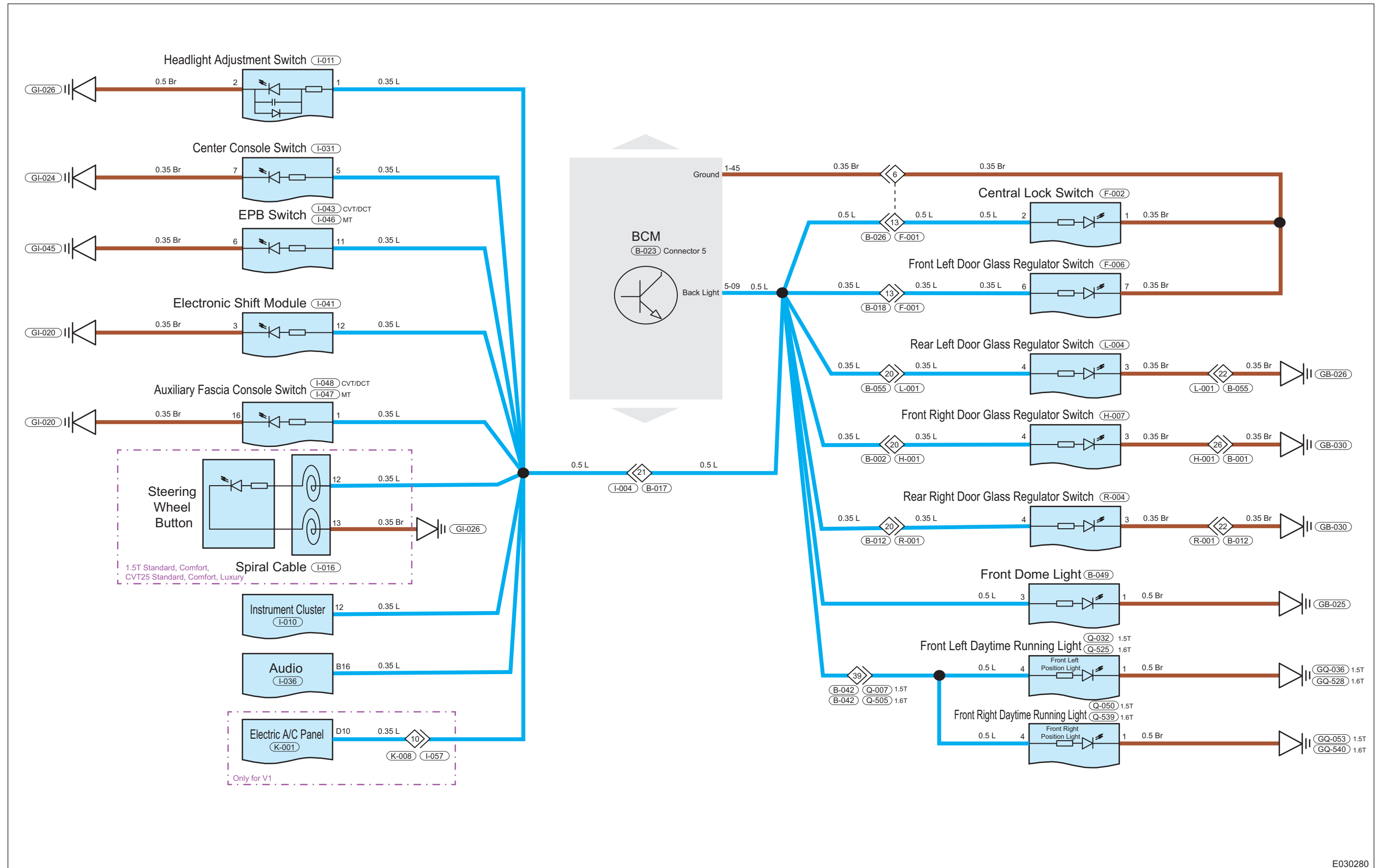
CHAPTER 3, SCHEMATIC DIAGRAM

8.2, BCM Power Source, Network Communication



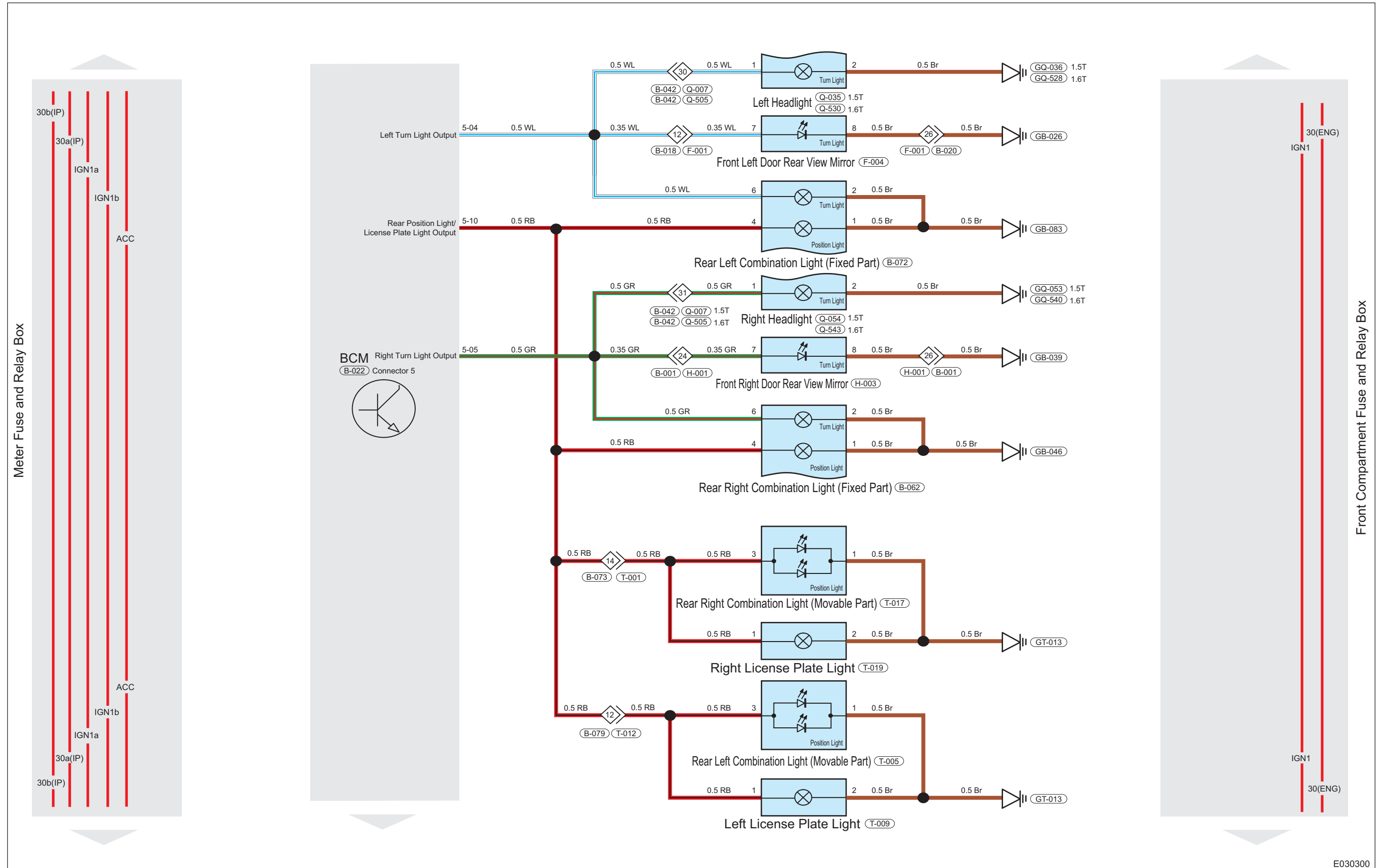
E030270

8.3, Front Position Light, Backlight



E030280

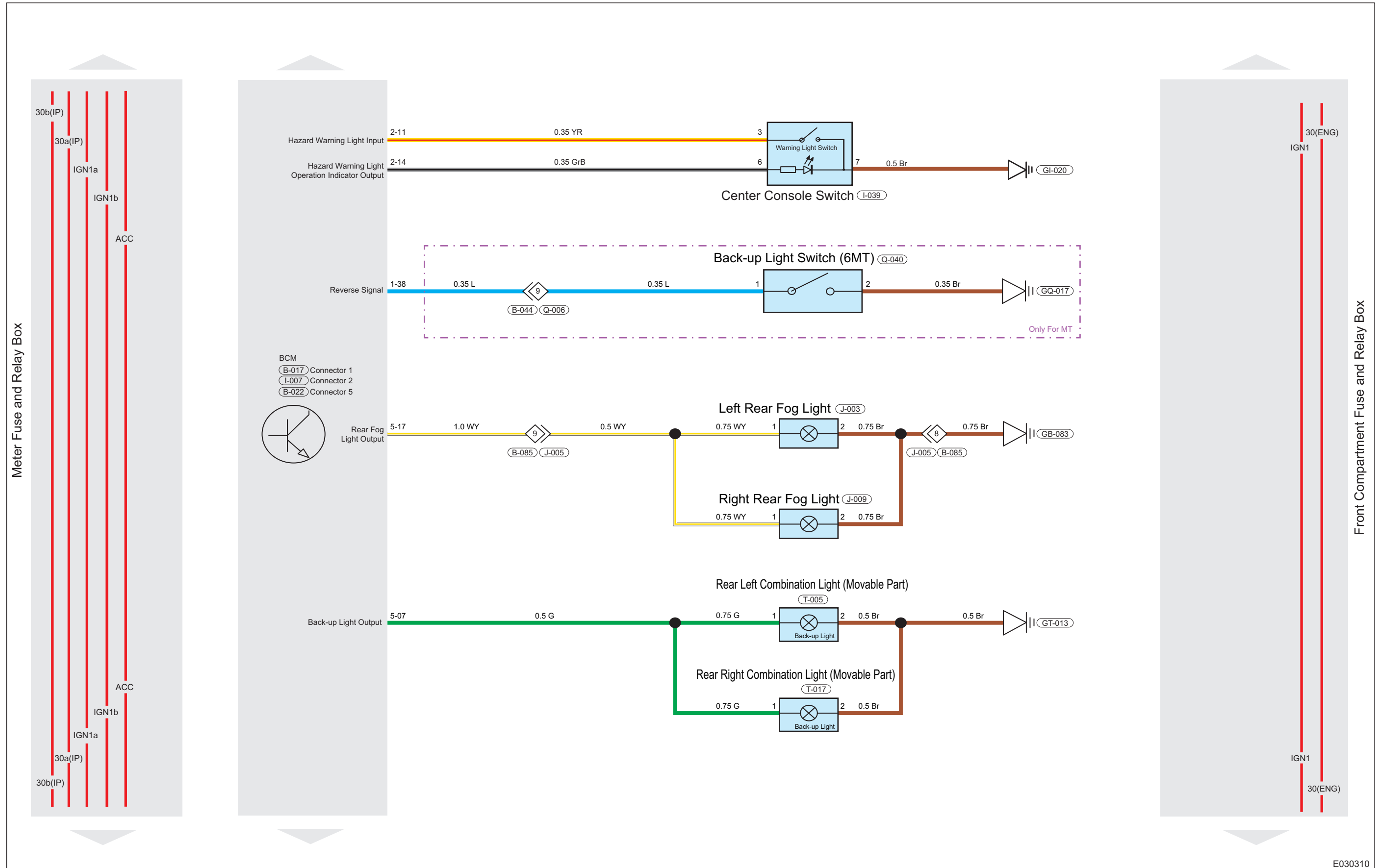
8.5, Rear Position Light, Turn Light, License Plate Light



E030300

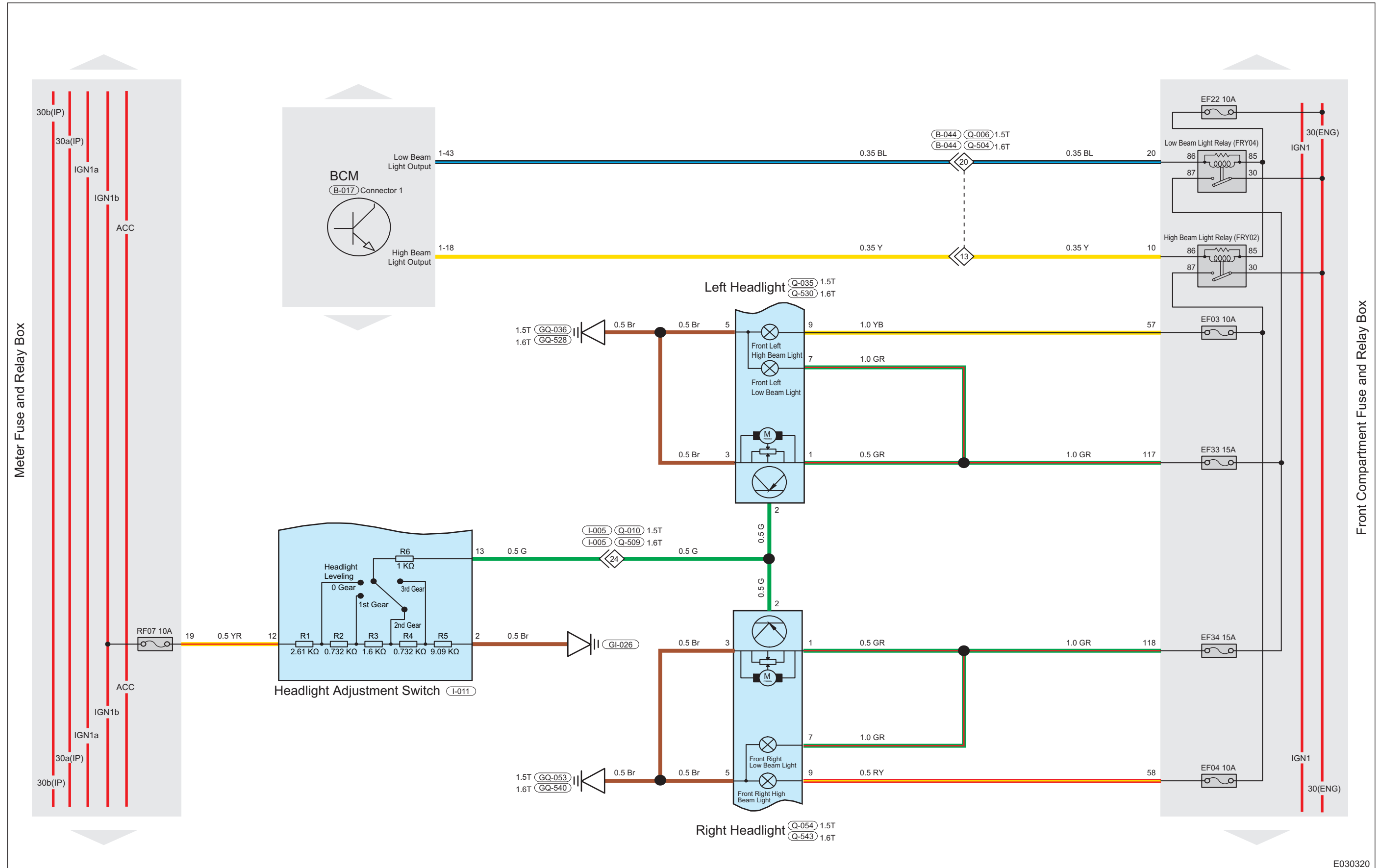
CHAPTER 3, SCHEMATIC DIAGRAM

8.6, Rear Fog Light, Reversing Light, Reversing Light Switch, Hazard Light Signal



E030310

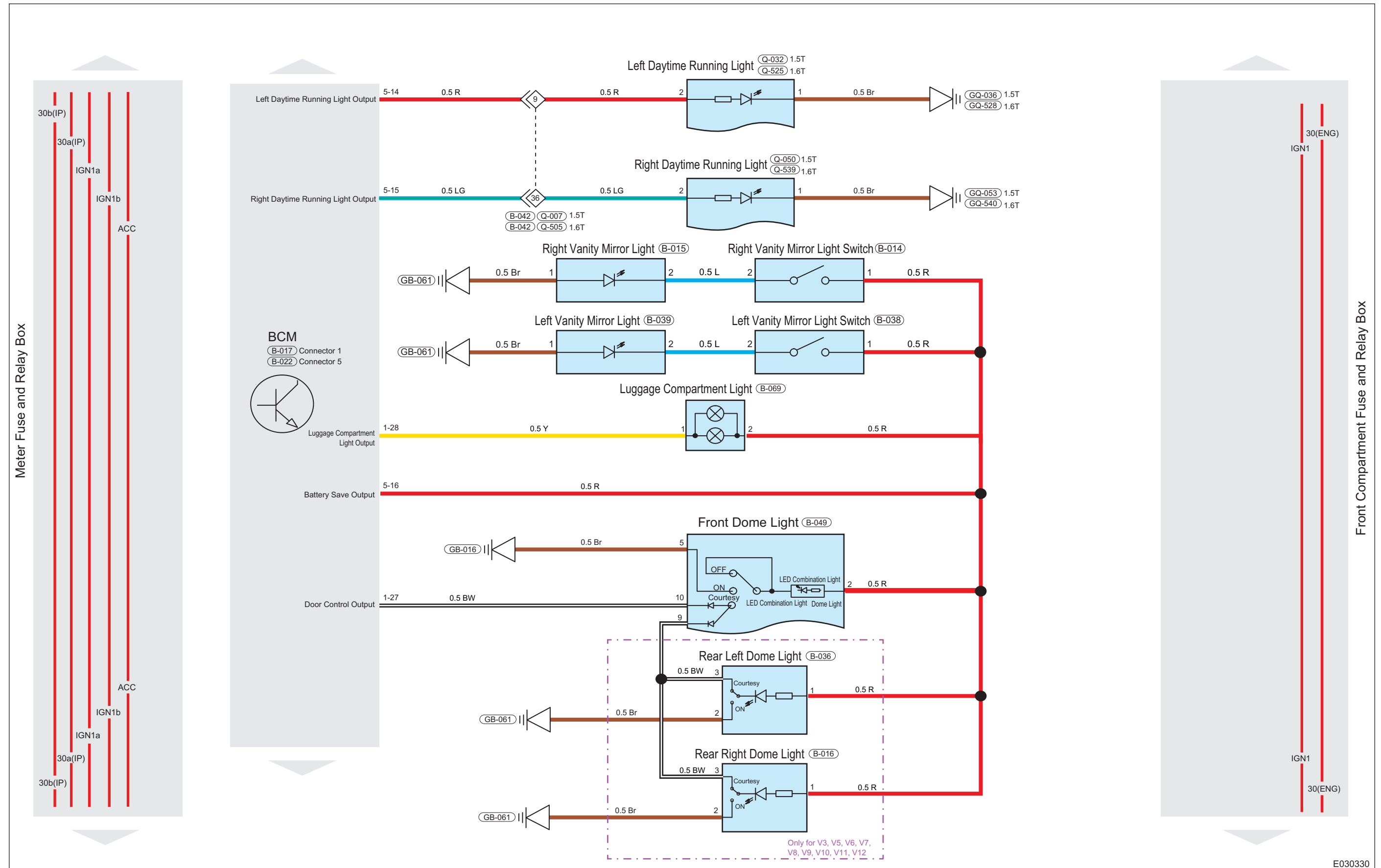
8.7, Hight/Low Beam Light, Headlight Adjustment Switch, Headlight Adjustment Motor



E030320

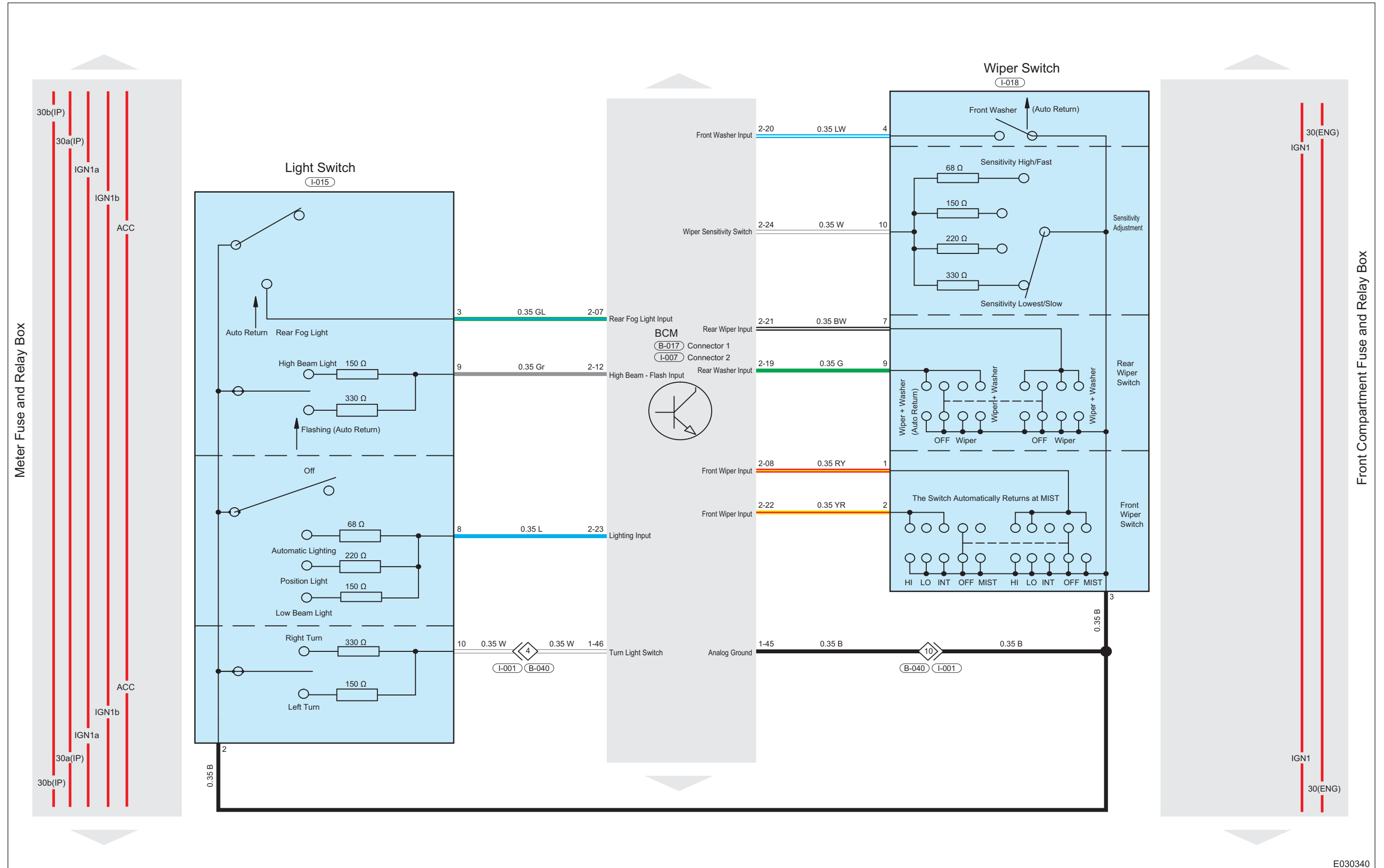
CHAPTER 3, SCHEMATIC DIAGRAM

8.8, Daytime Running Light, Front Dome Light, Luggage Compartment Light, Vanity Mirror Light



E030330

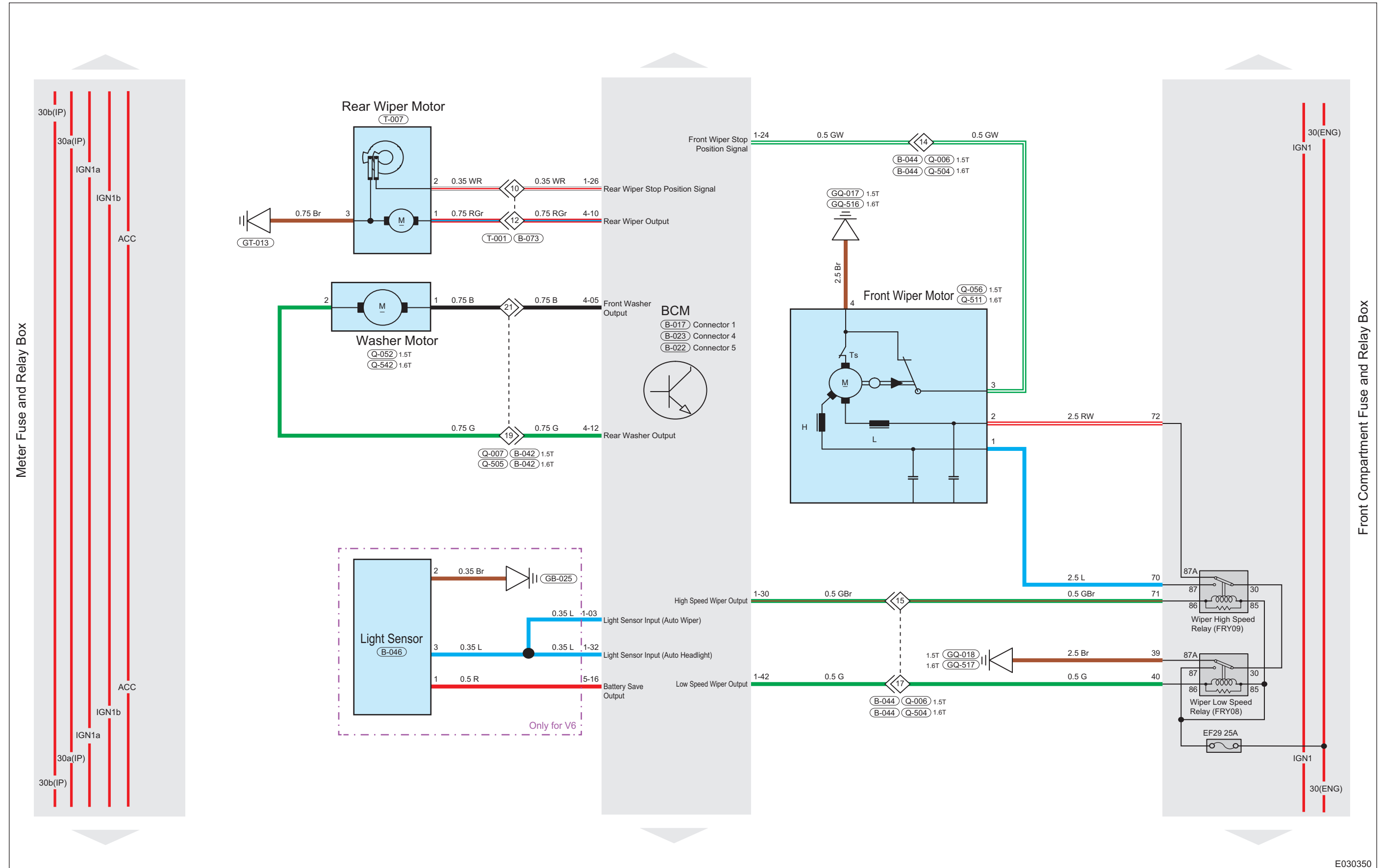
8.9, Light Switch, Wiper Switch



E030340

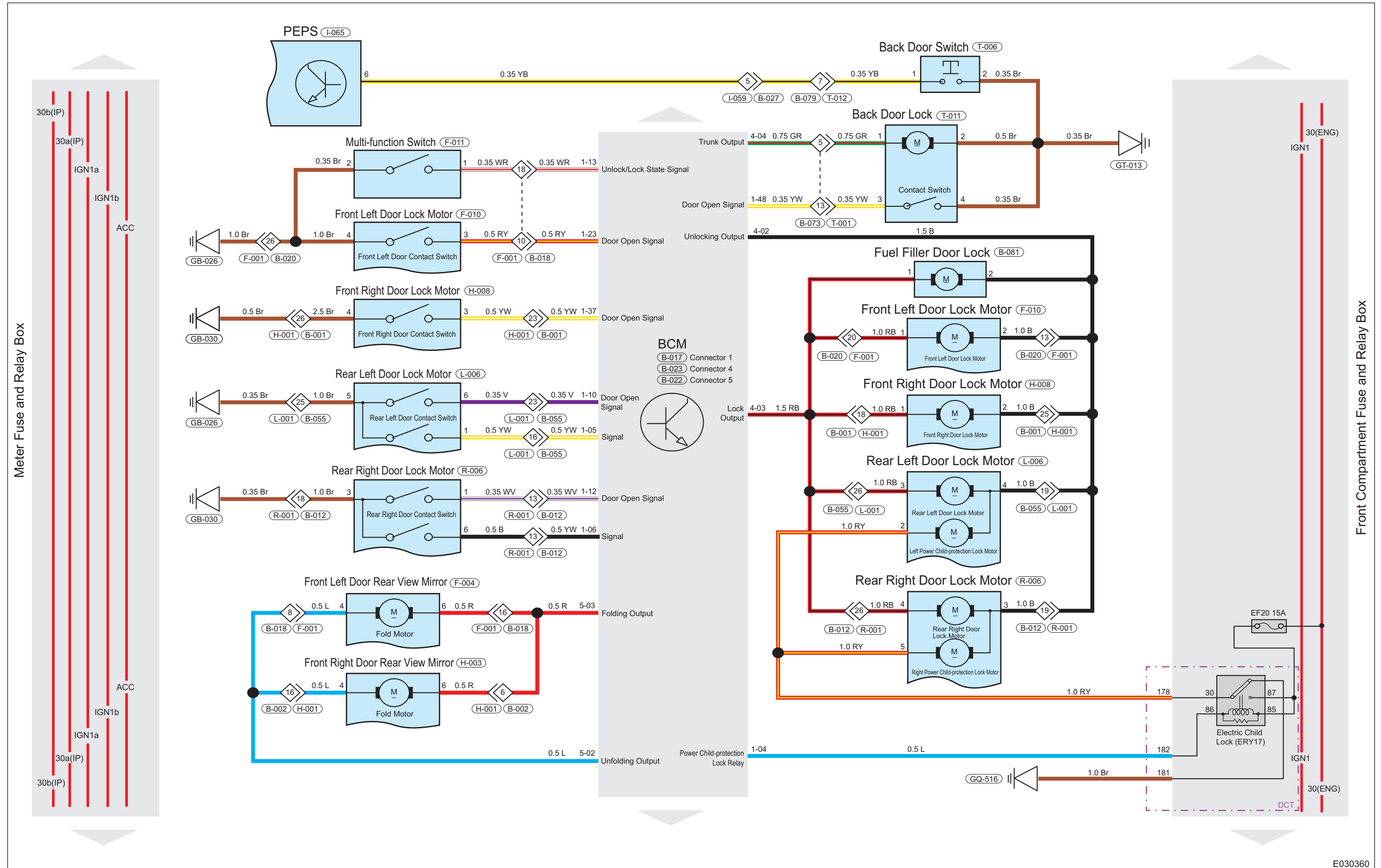
CHAPTER 3, SCHEMATIC DIAGRAM

8.10, Wiper System, Solar Sensor

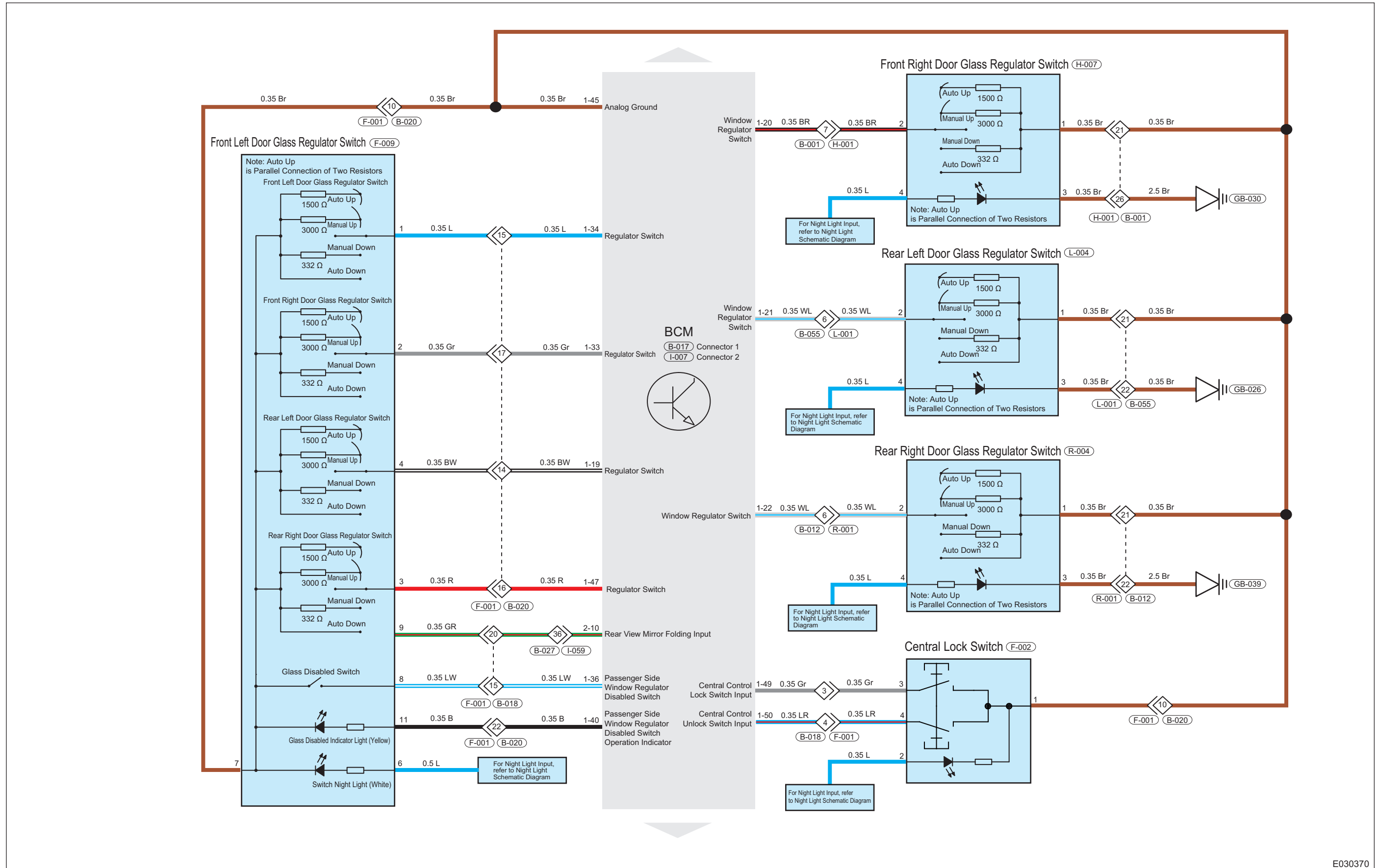


E030350

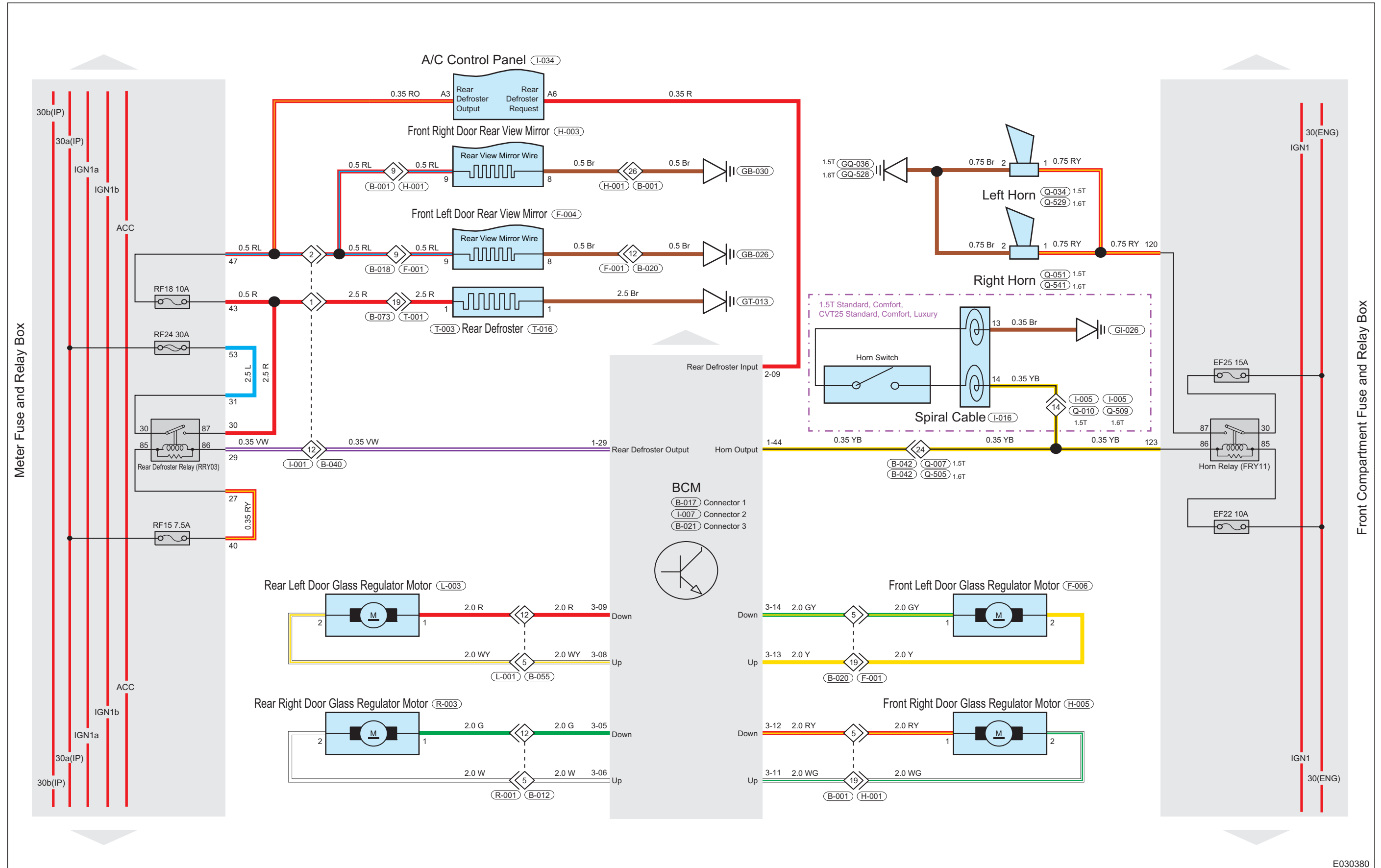
8.11, Door Lock, Back Door Open, Touch Switch, Rear View Mirror Folding



E030360



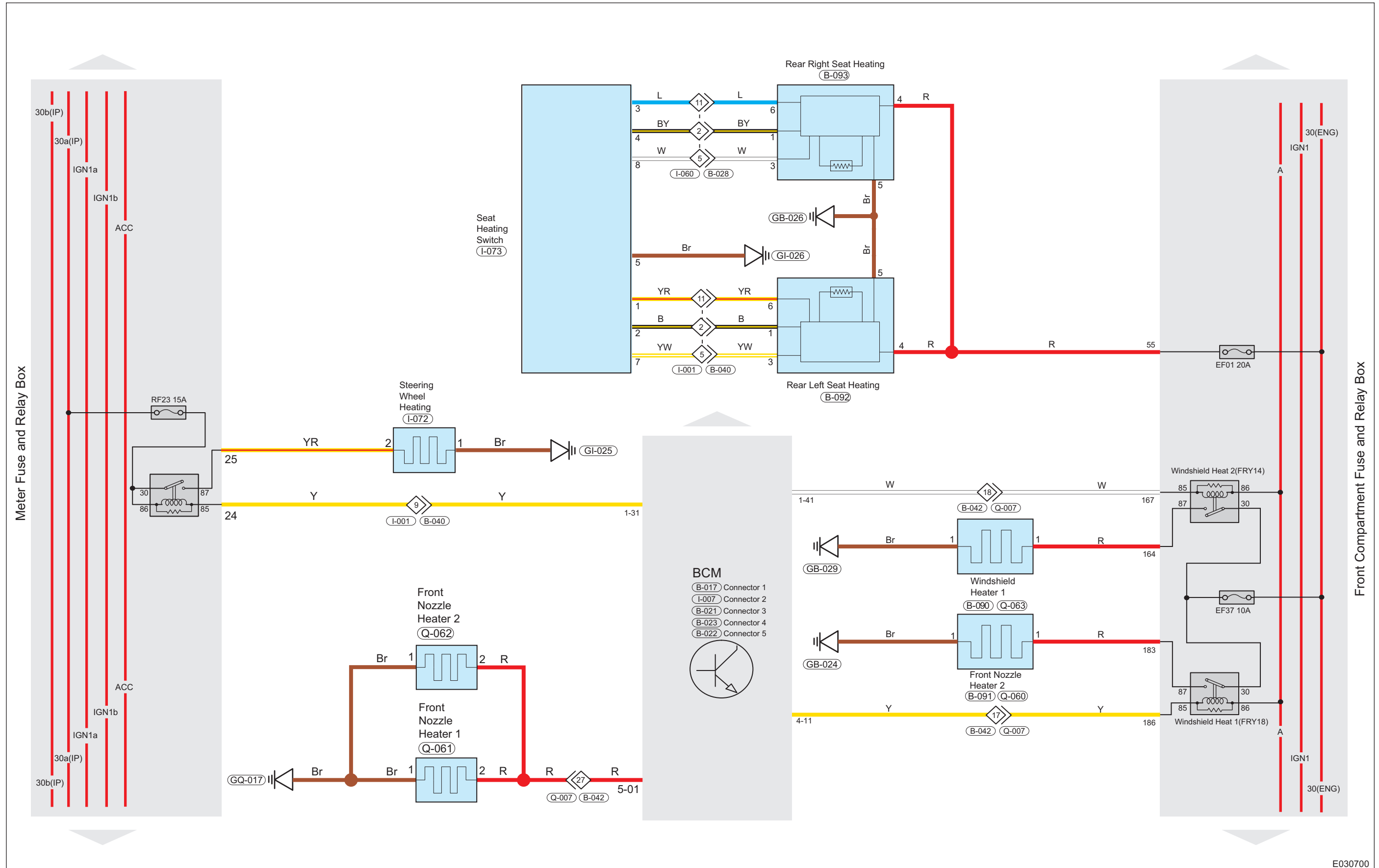
8.13, 4-Door Glass Regulator Motor, Defrosting Control, Horn



E030380

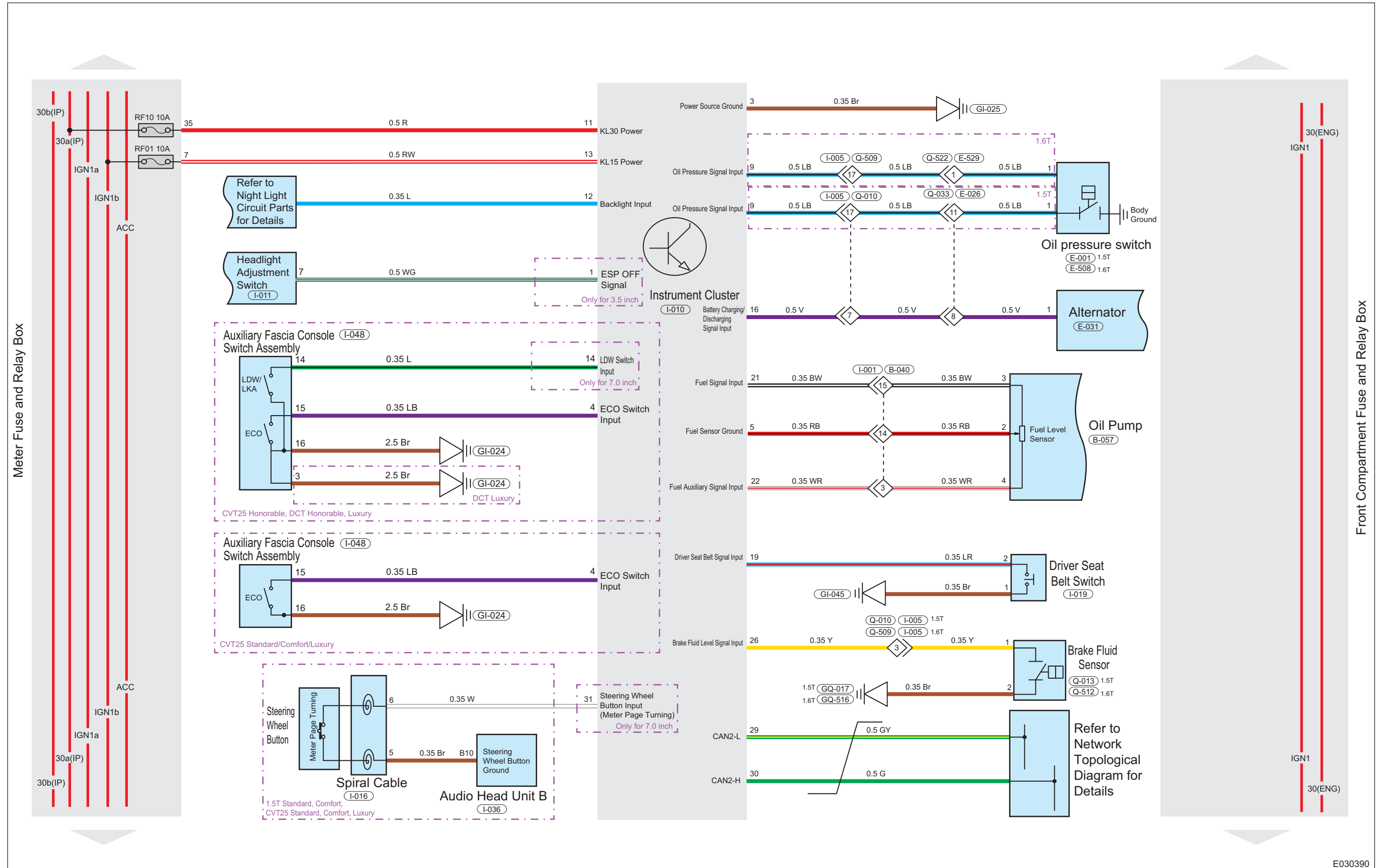
CHAPTER 3, SCHEMATIC DIAGRAM

8.14, Steering wheel heating, Rear seat heating, Front nozzle heating, Windshield heating



E030700

(9), Instrument Cluster System

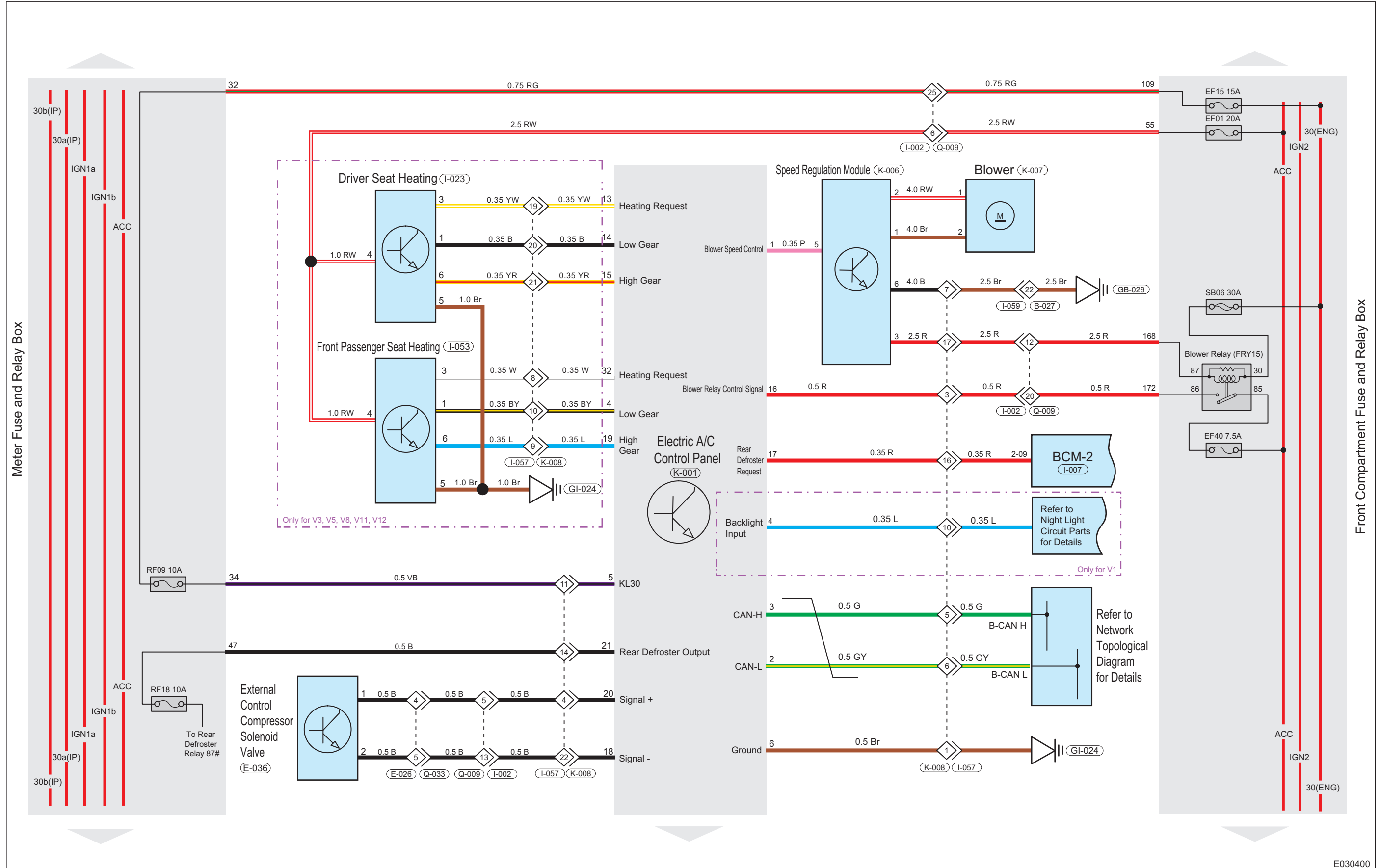


E030390

CHAPTER 3, SCHEMATIC DIAGRAM

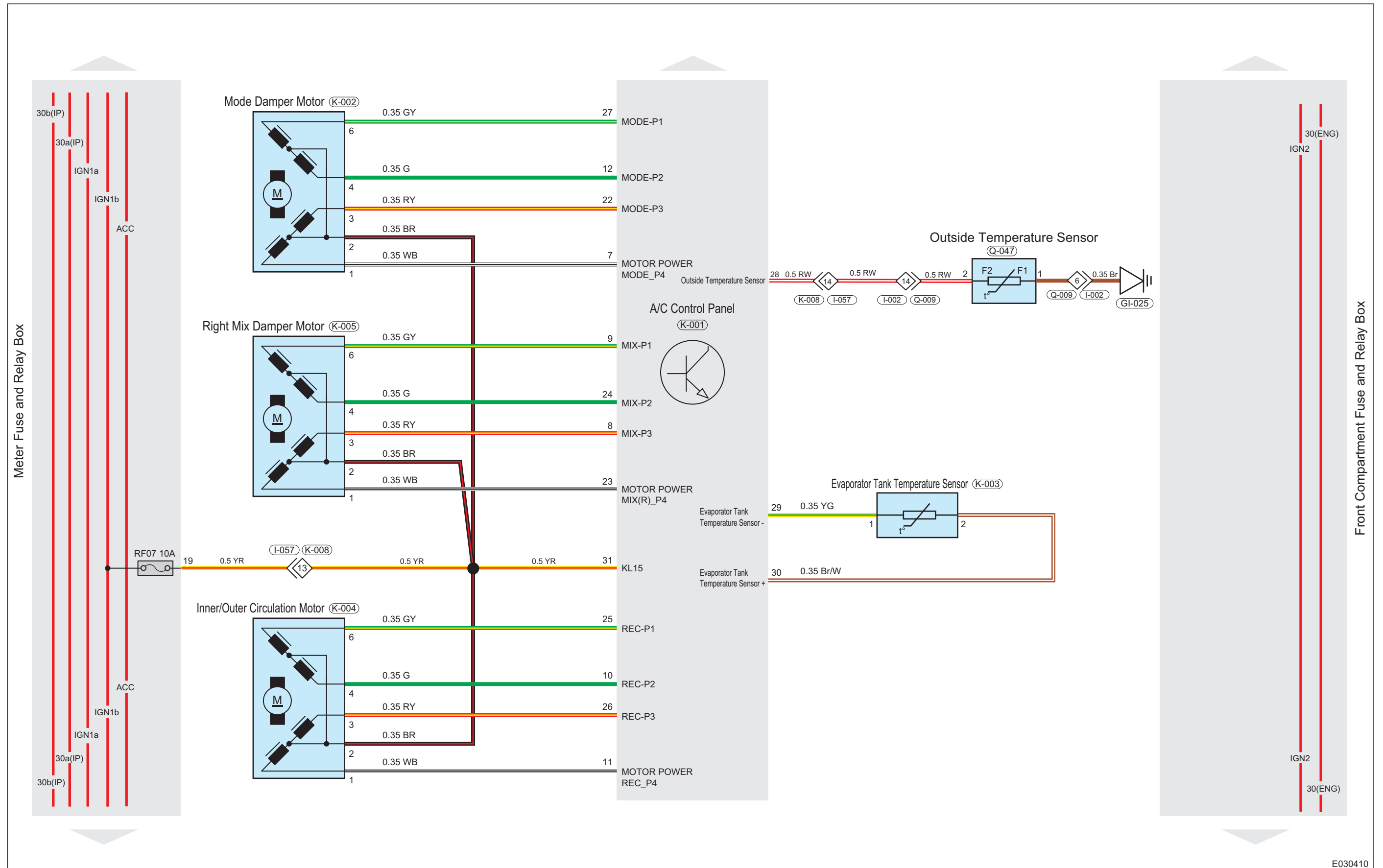
(10), Electric A/C

10.1, Blower, Speed Regulation Module, External Control Compressor Solenoid Valve



E030400

10.2, A/C Control Panel, Motor, Outside Temperature Sensor, Evaporator Temperature Sensor

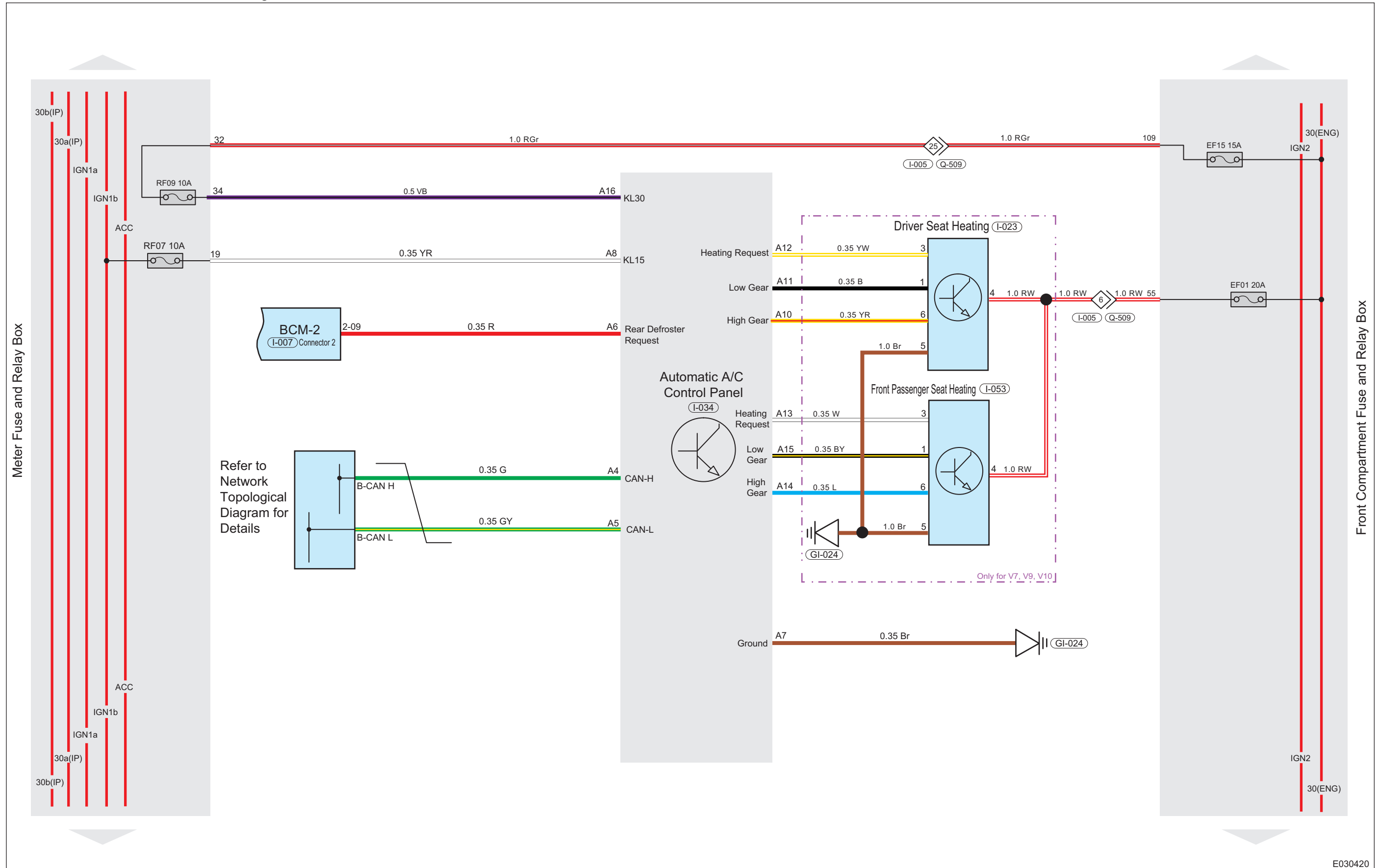


E030410

CHAPTER 3, SCHEMATIC DIAGRAM

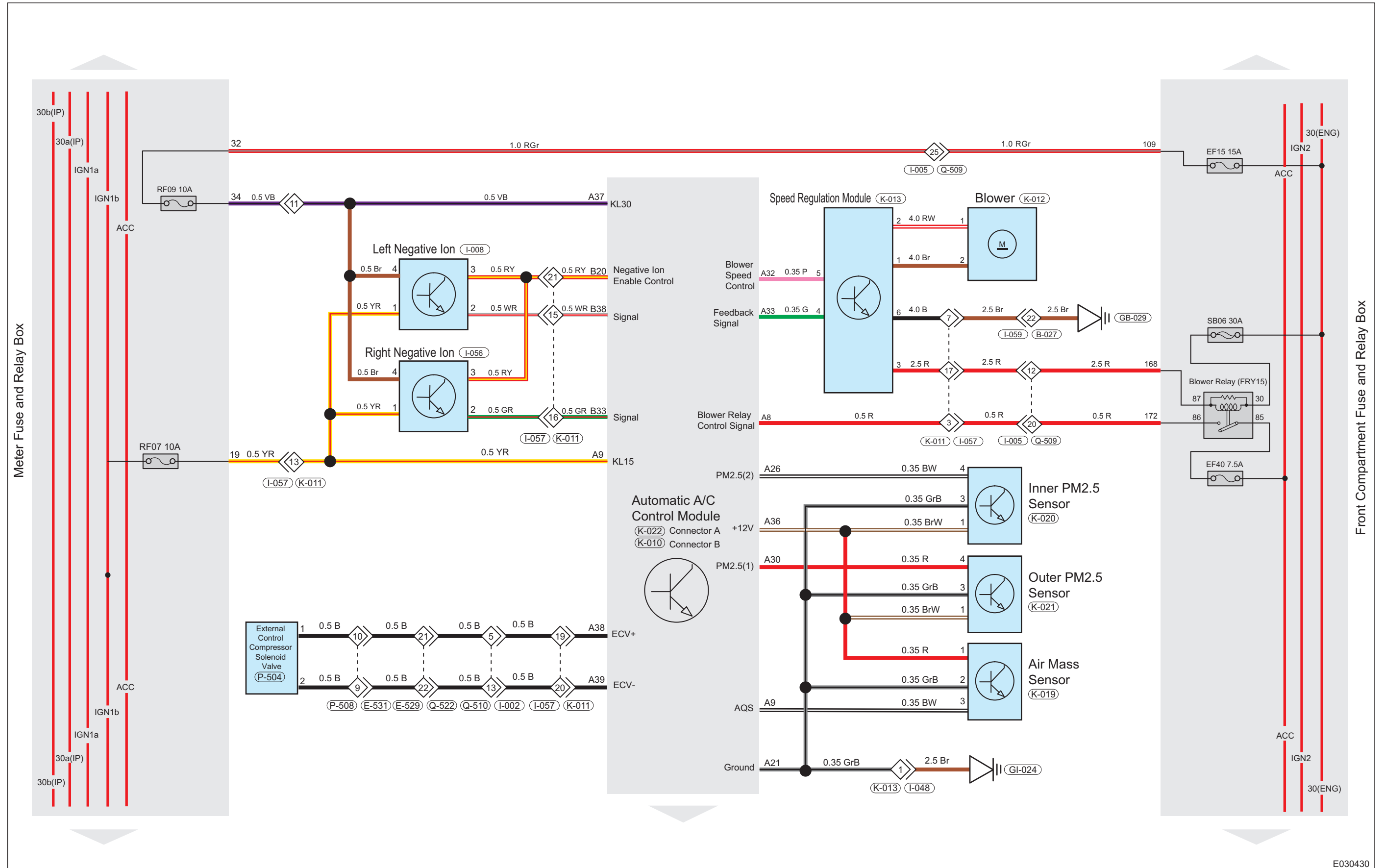
(11), Automatic A/C

11.1, Power Source, Network Signal



E030420

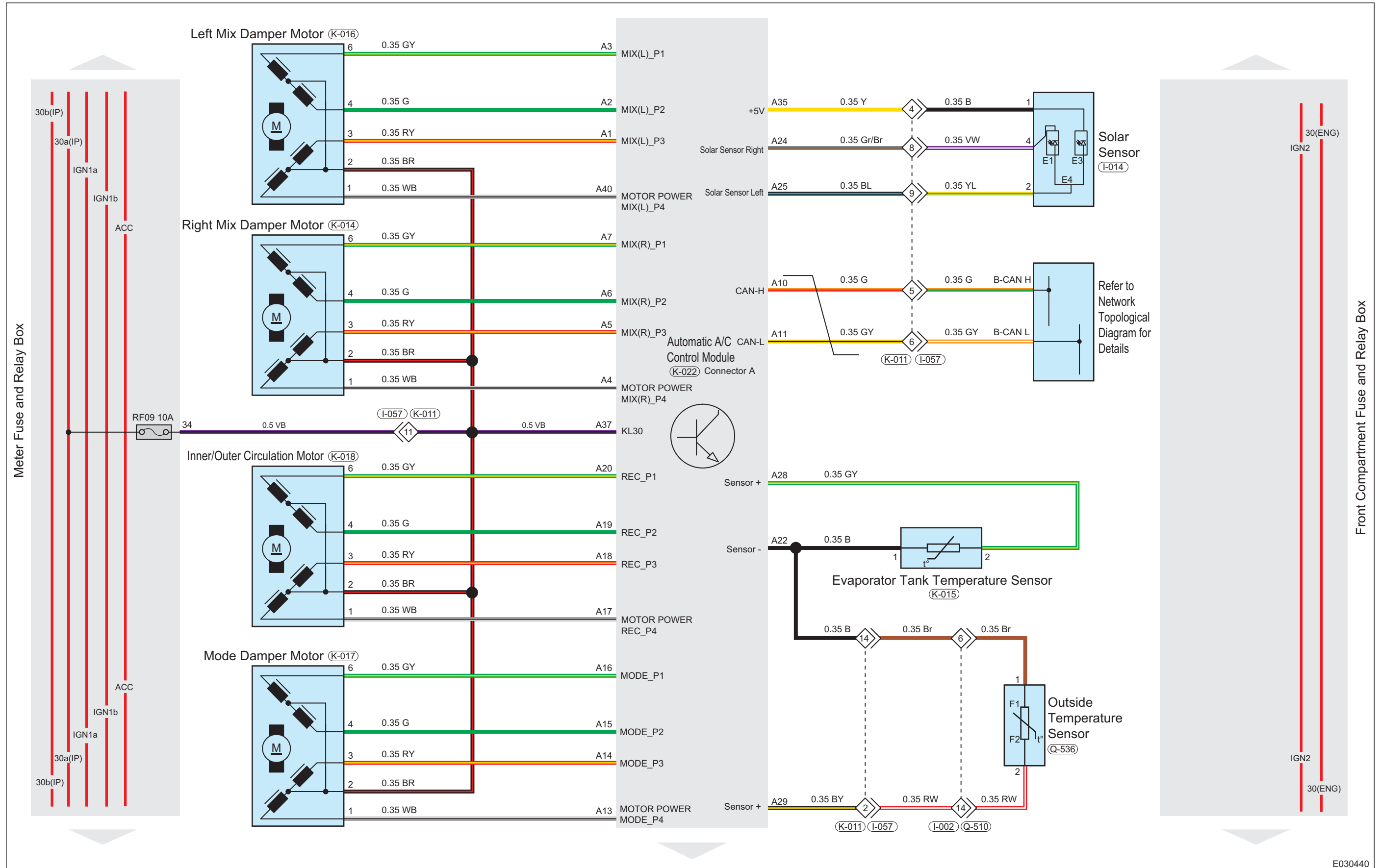
11.2, Blower, Speed Regulation Module, Compressor, Sensor, Negative Ion



E030430

CHAPTER 3, SCHEMATIC DIAGRAM

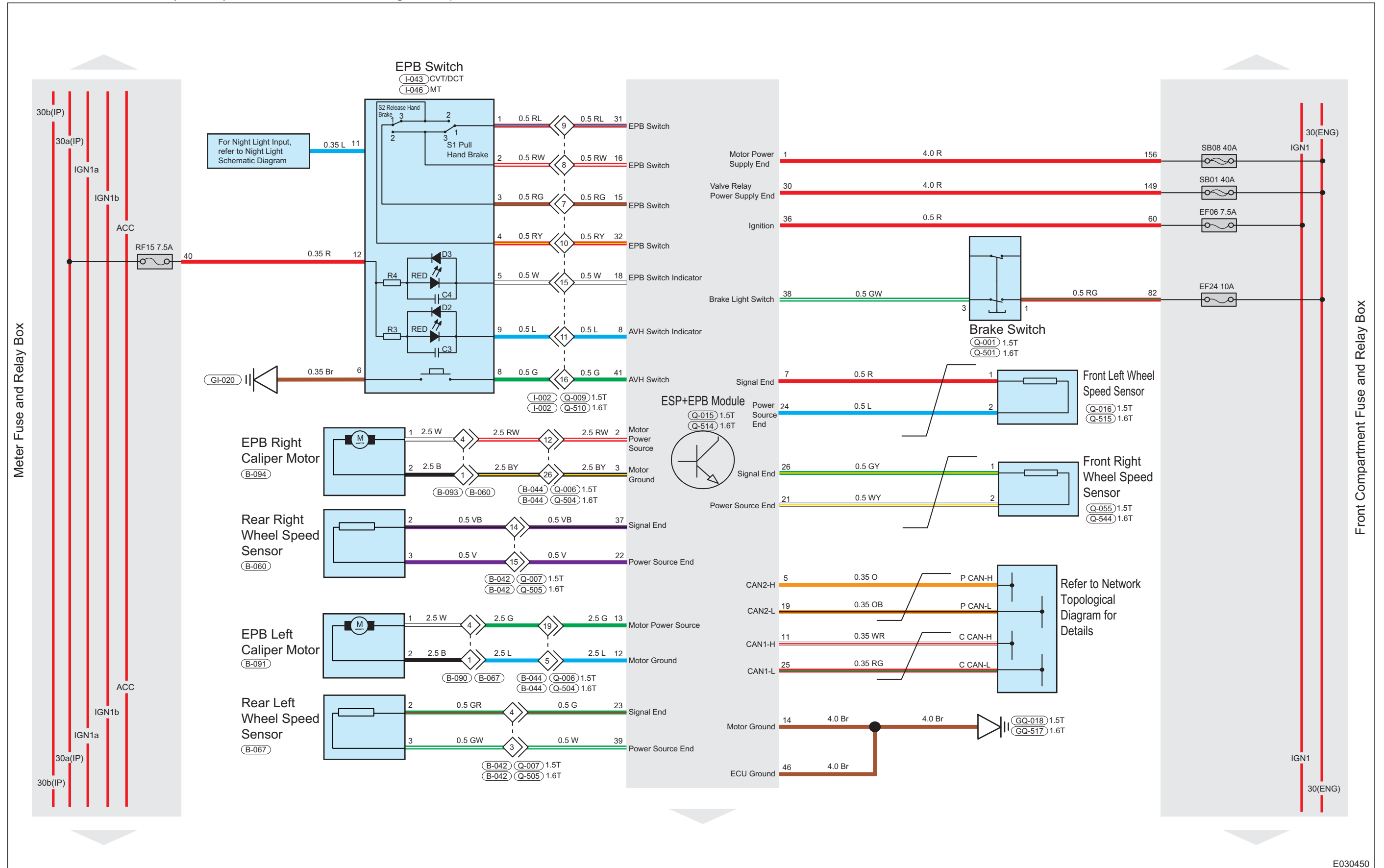
11.3, A/C Control Panel, Motor, Outside Temperature Sensor, Evaporator Temperature Sensor, Solar Sensor



E030440

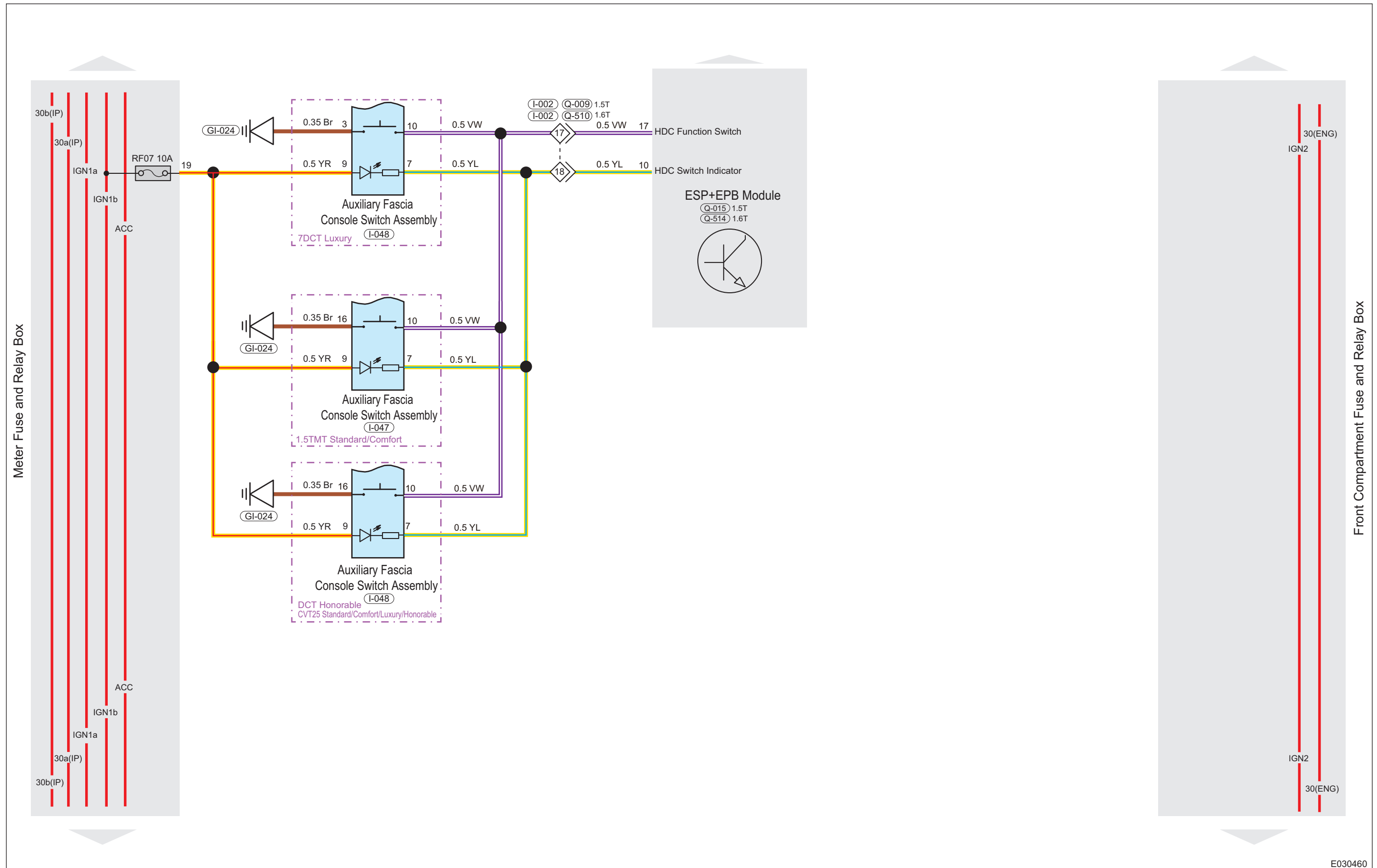
(12), ESP/EPB System

12.1, EPB Module (Switch) and Sensor, Left and Right Caliper



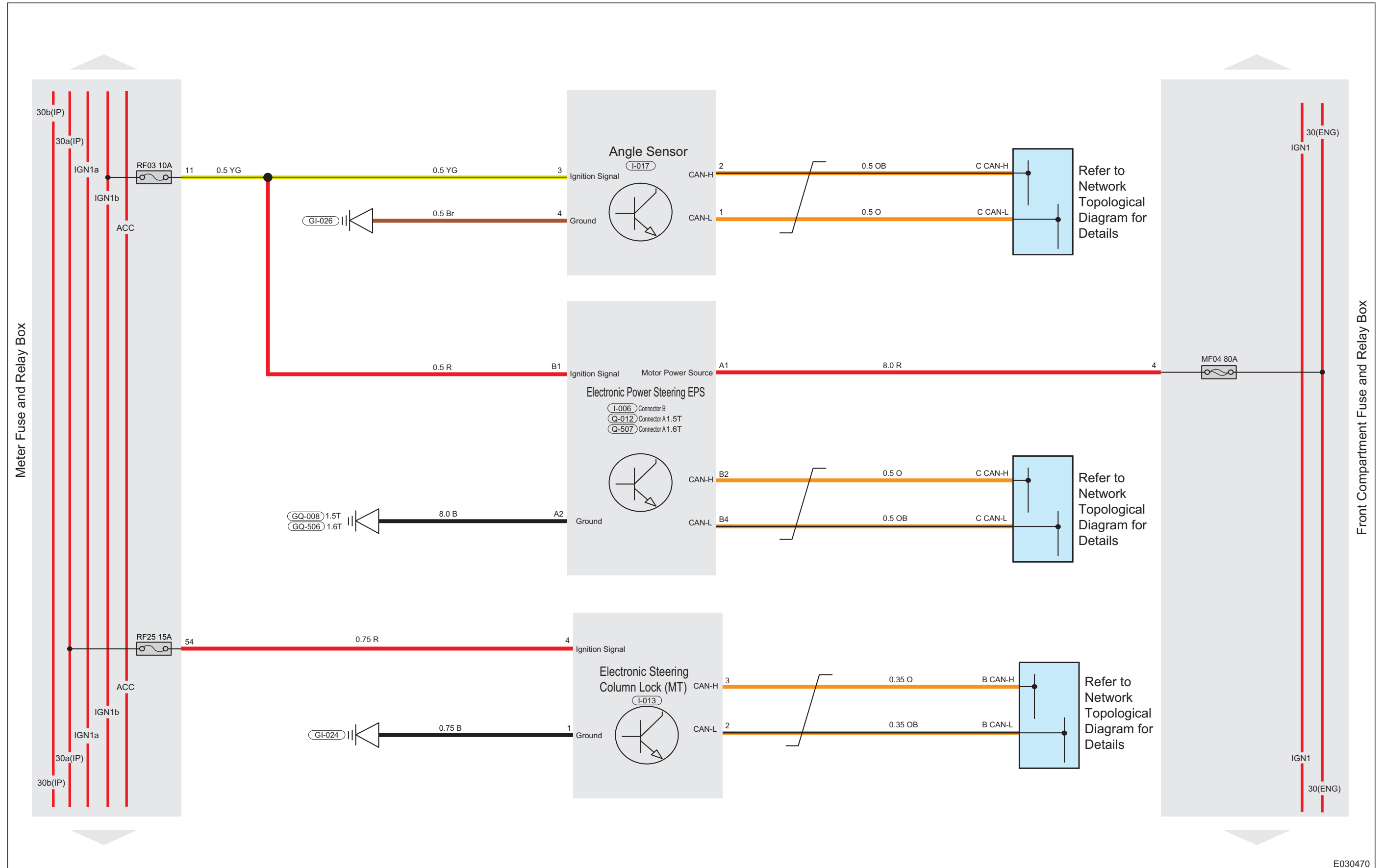
CHAPTER 3, SCHEMATIC DIAGRAM

12.2, Auxiliary Fascia Console Switch Assembly



E030460

(13), Angle Sensor, Electronic Power Steering, Electronic Steering Column Lock

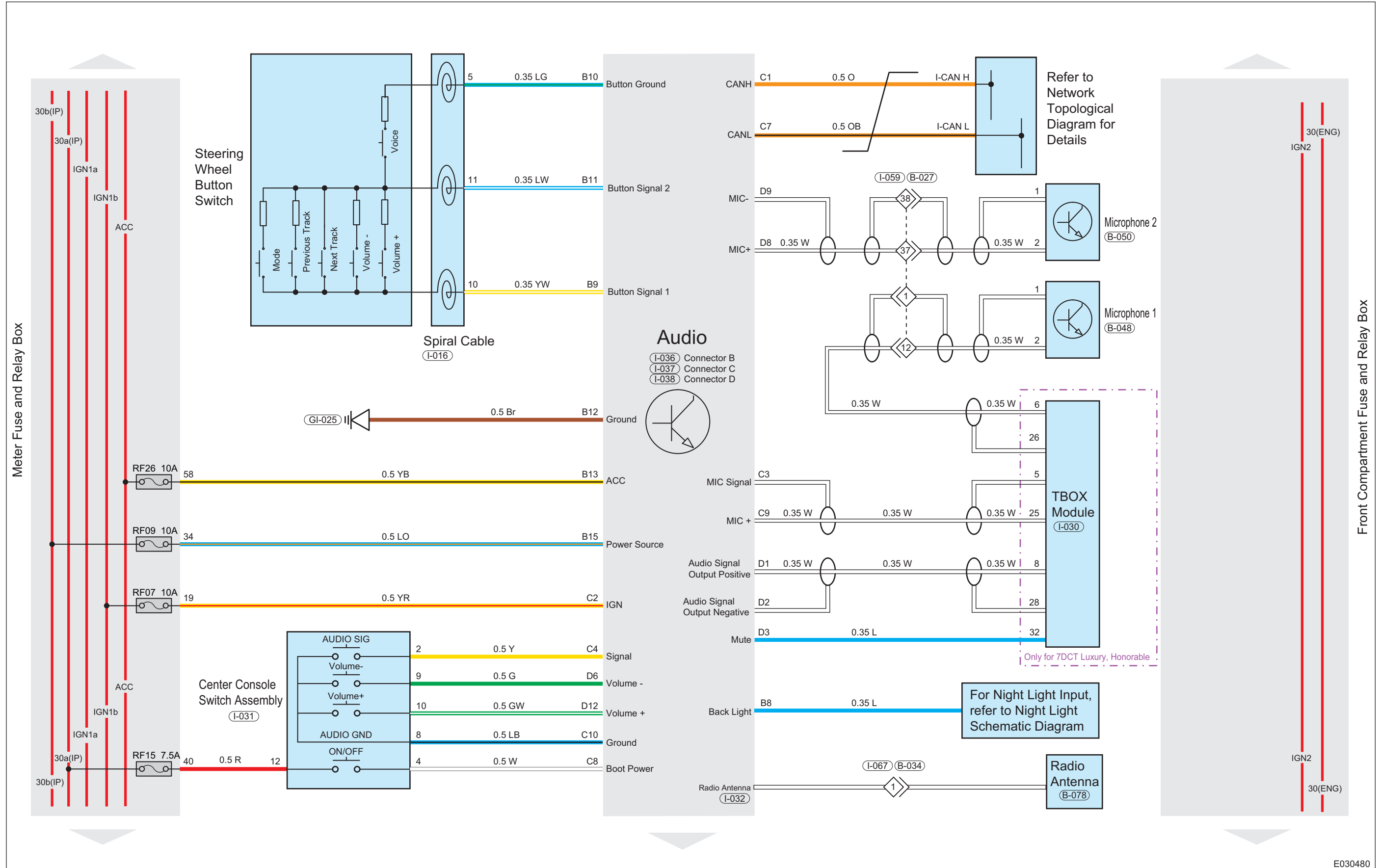


E030470

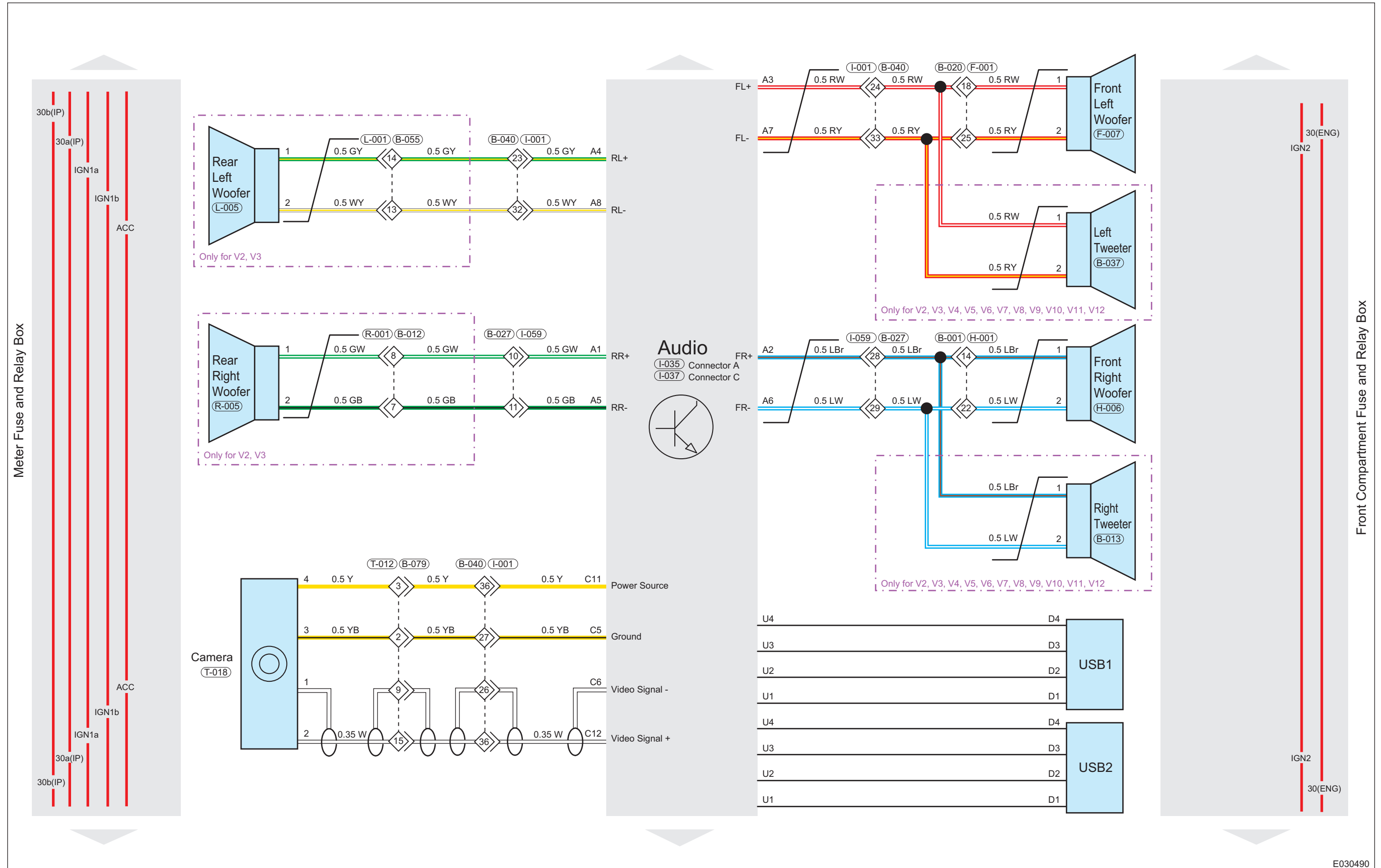
CHAPTER 3, SCHEMATIC DIAGRAM

(14), Audio Entertainment System

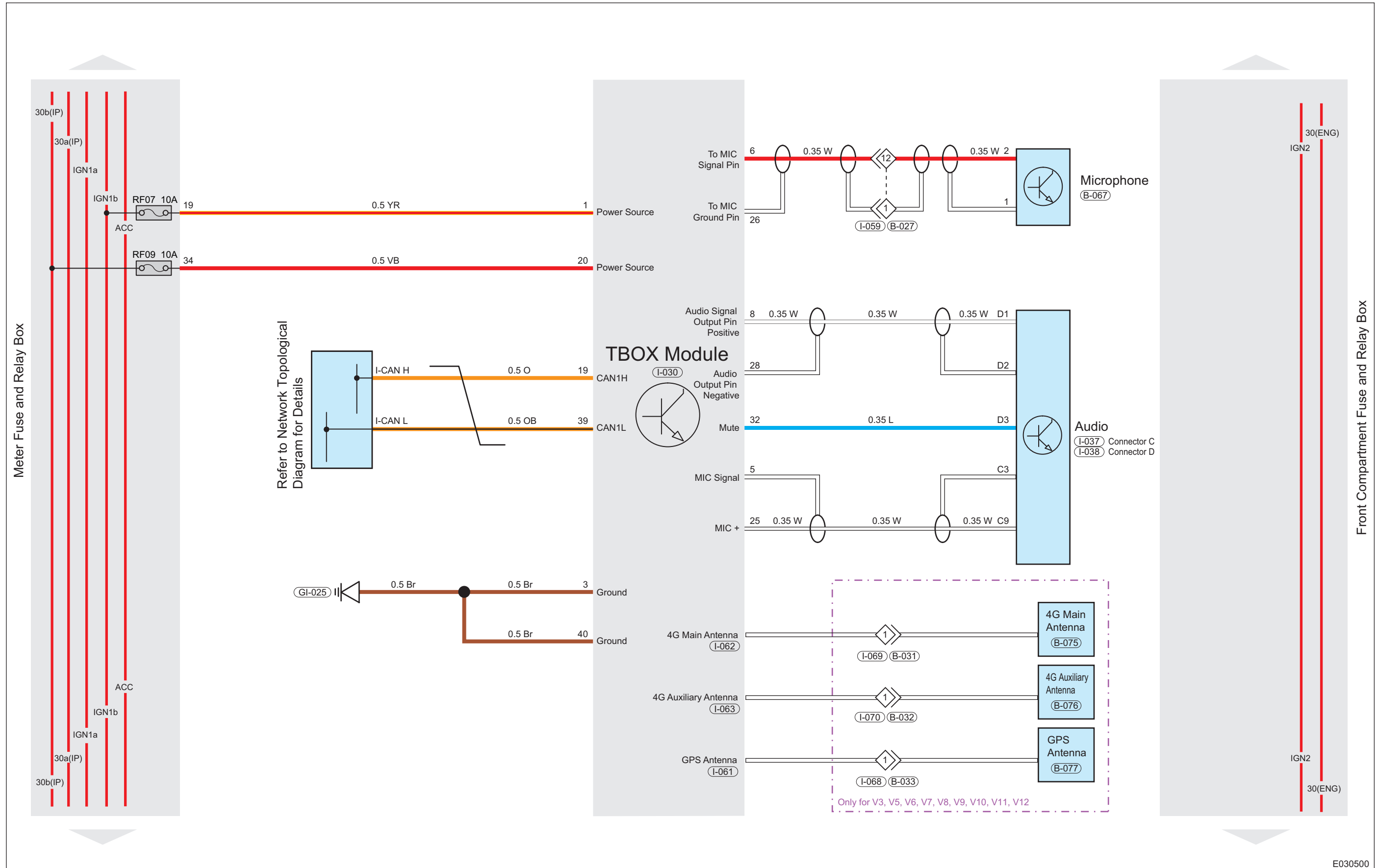
14.1, Power Source System, Steering Wheel Button, Microphone and Related Signal



14.2, Speaker, Reversing Camera, USB Port

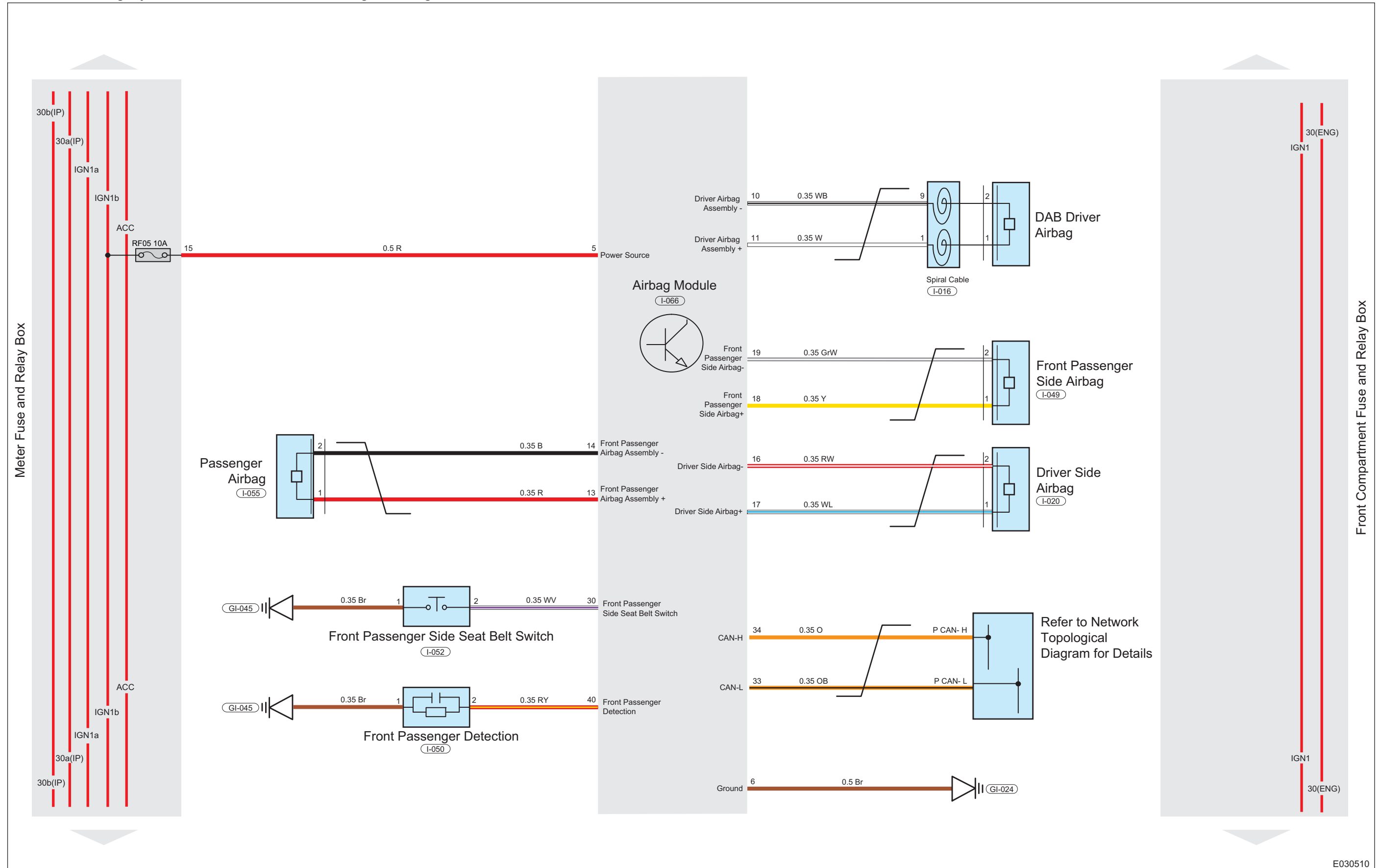


E030490



(16), Airbag System

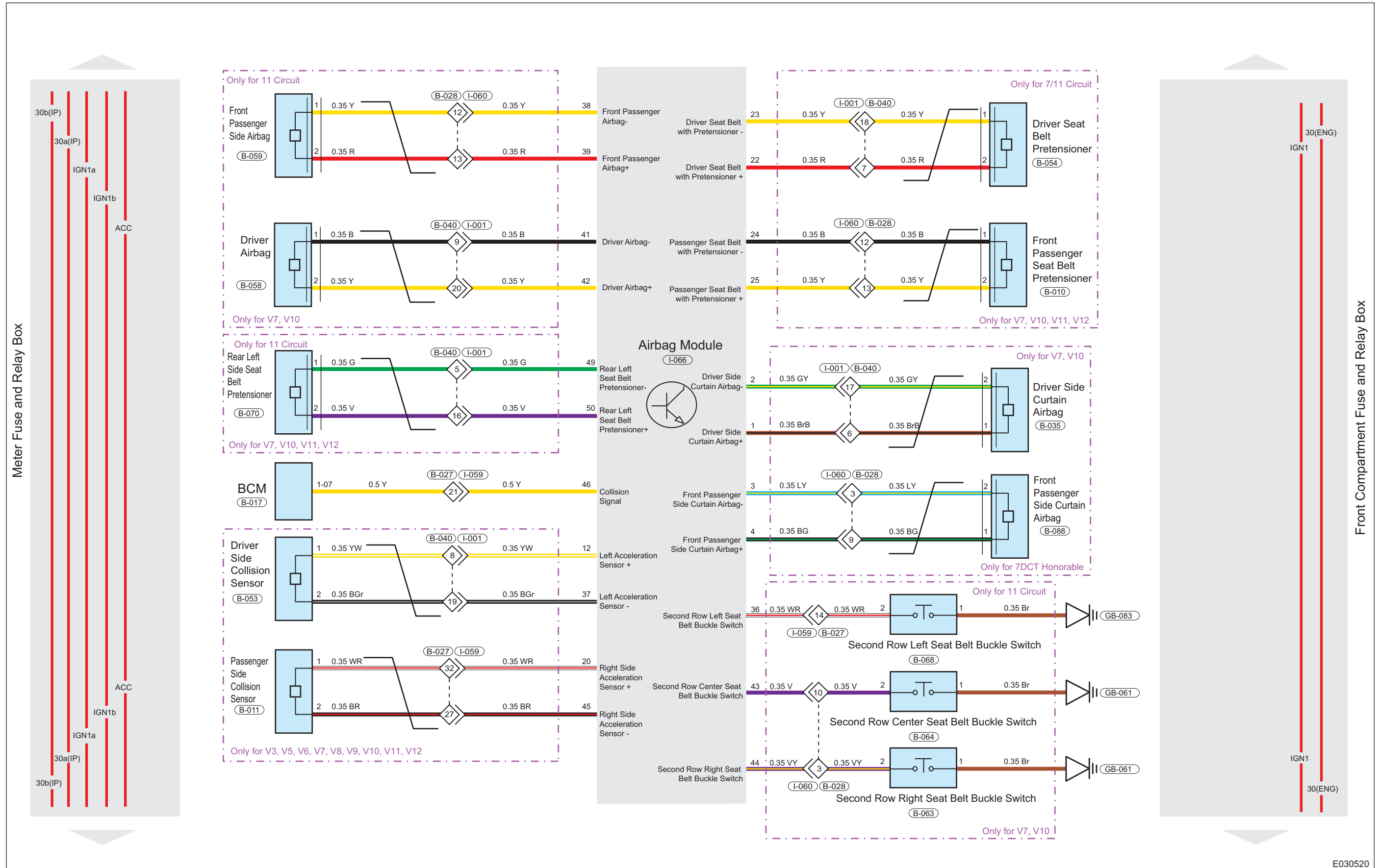
16.1, Airbag System, Driver and Front Passenger Airbag



E030510

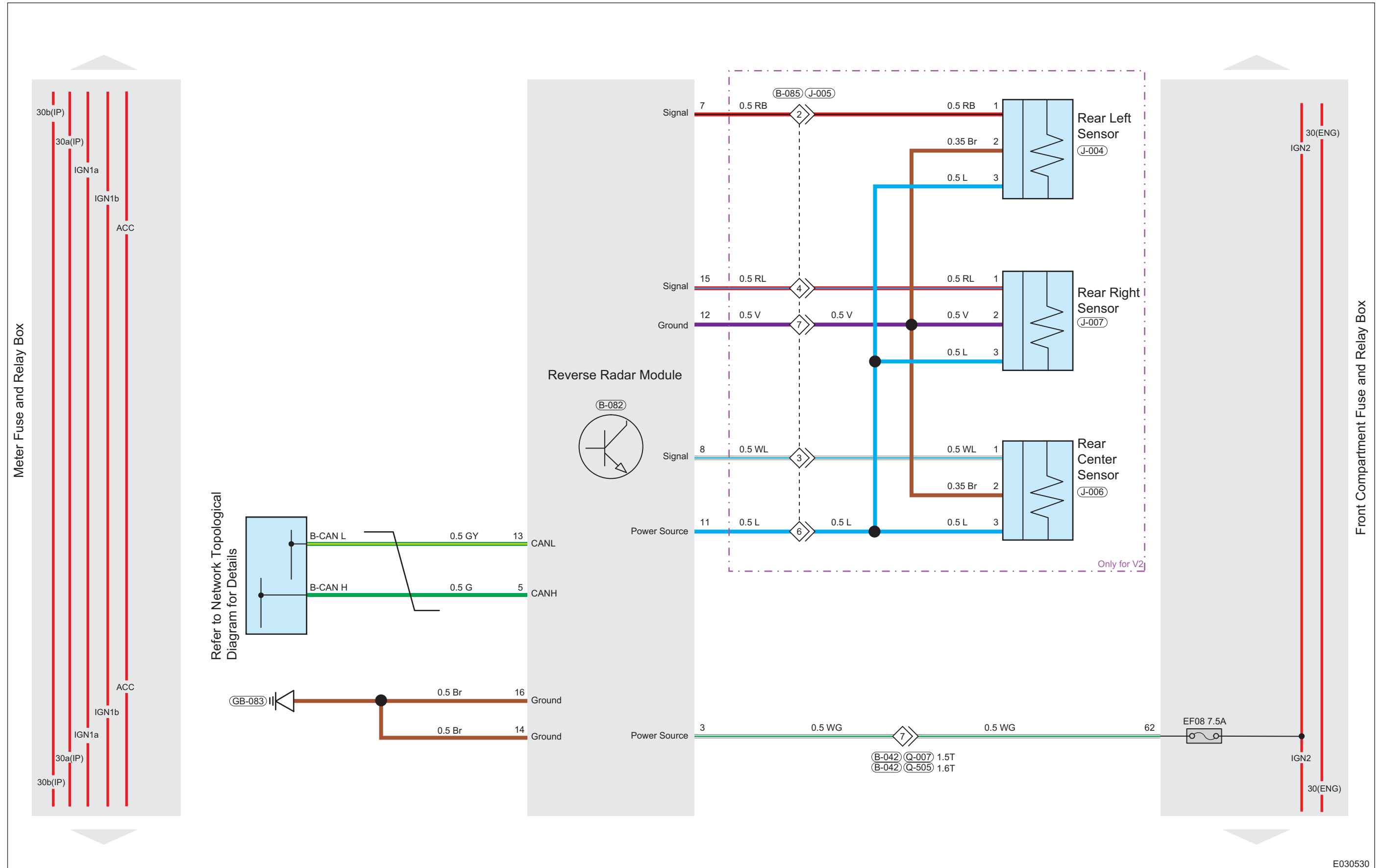
CHAPTER 3, SCHEMATIC DIAGRAM

16.2, Side Collision Sensor, Power Source and Network Signal, Side Air Curtain, Seatbelt Pretensioner, Passenger Side Seat Belt Switch and Second Row Seat Belt Buckle Switch



E030520

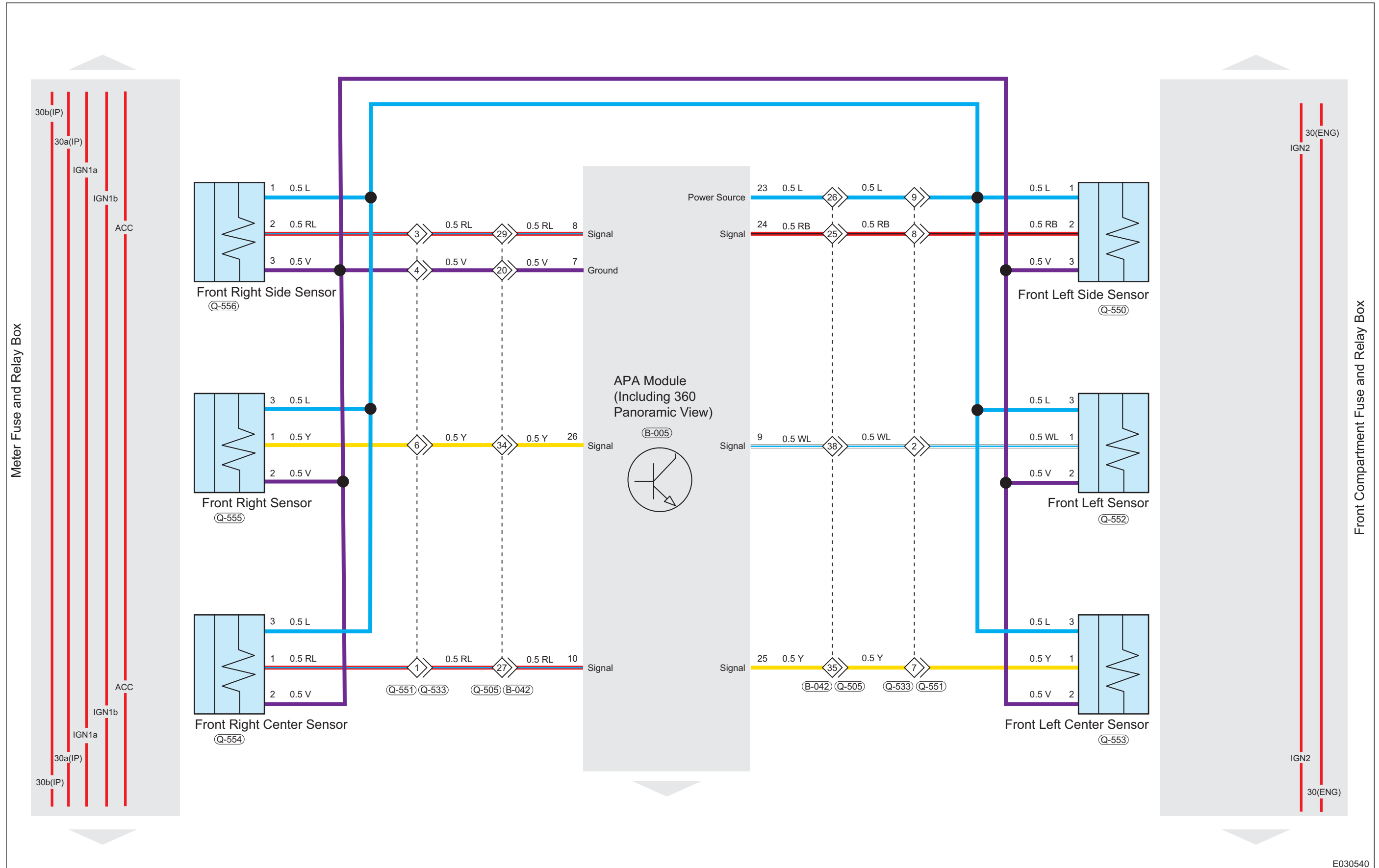
(17), Reverse Radar System



E030530

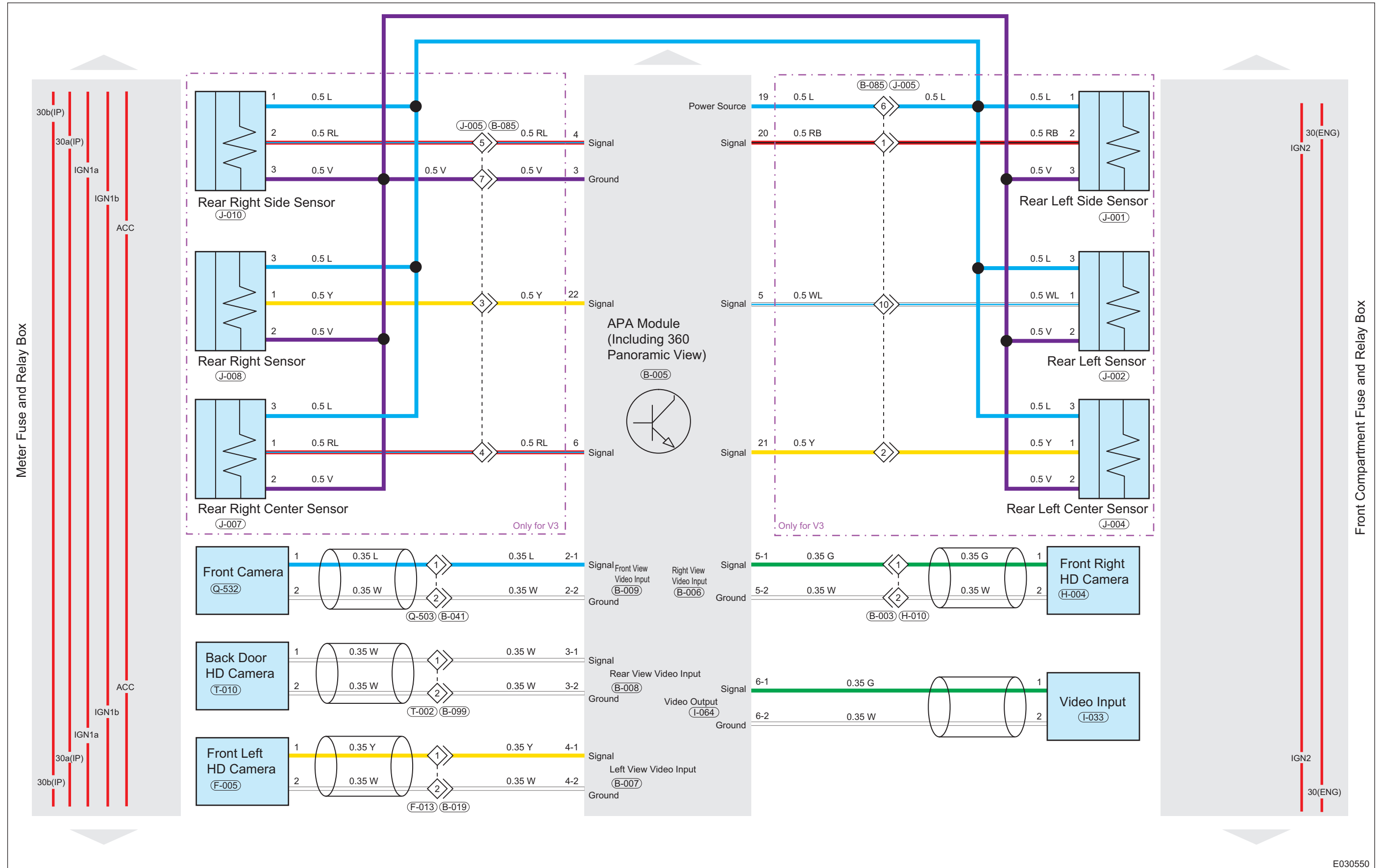
CHAPTER 3, SCHEMATIC DIAGRAM

(18), Auto Parking System
18.1, Front Camera



E030540

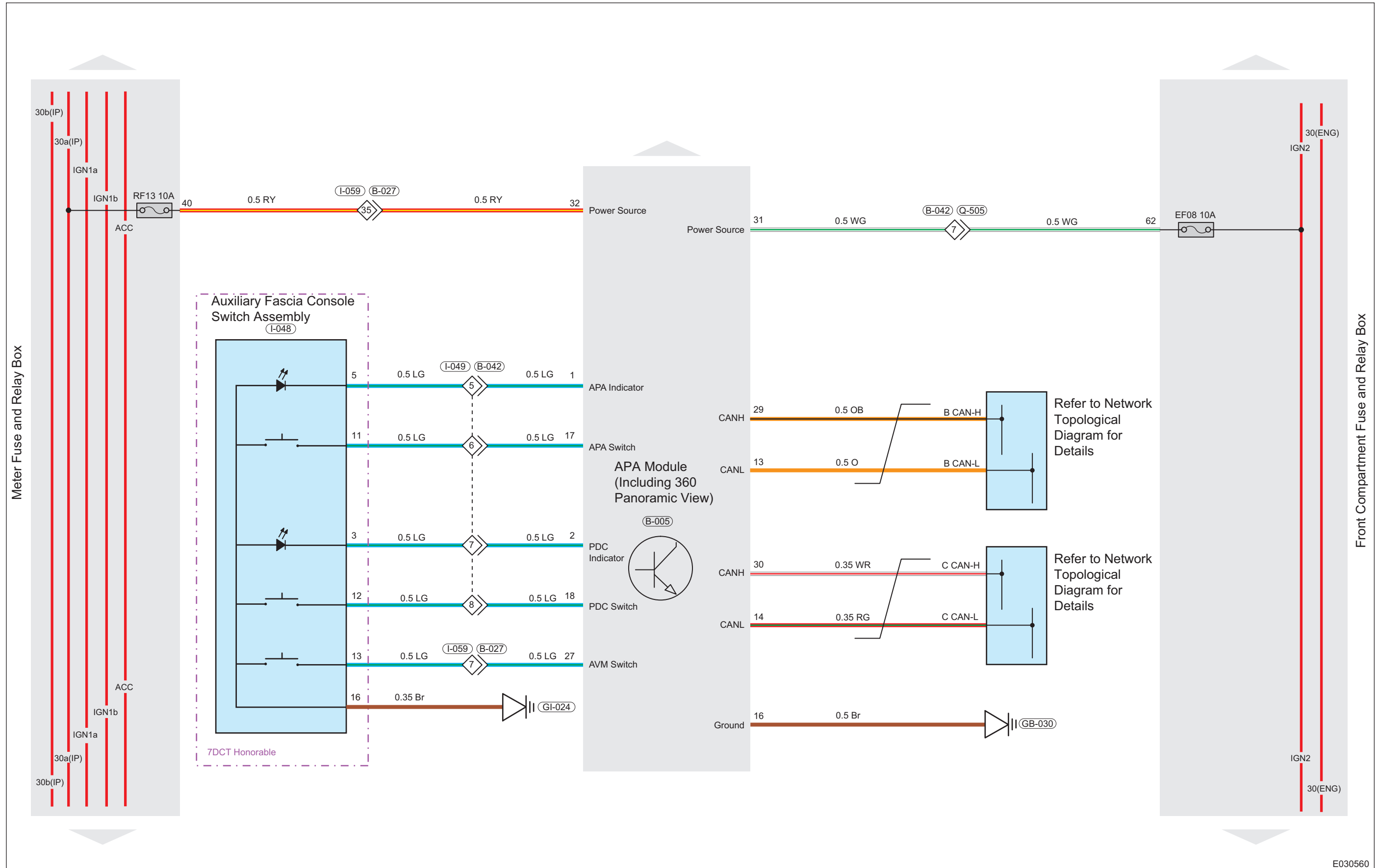
18.2, Rear Camera, HD Camera



E030550

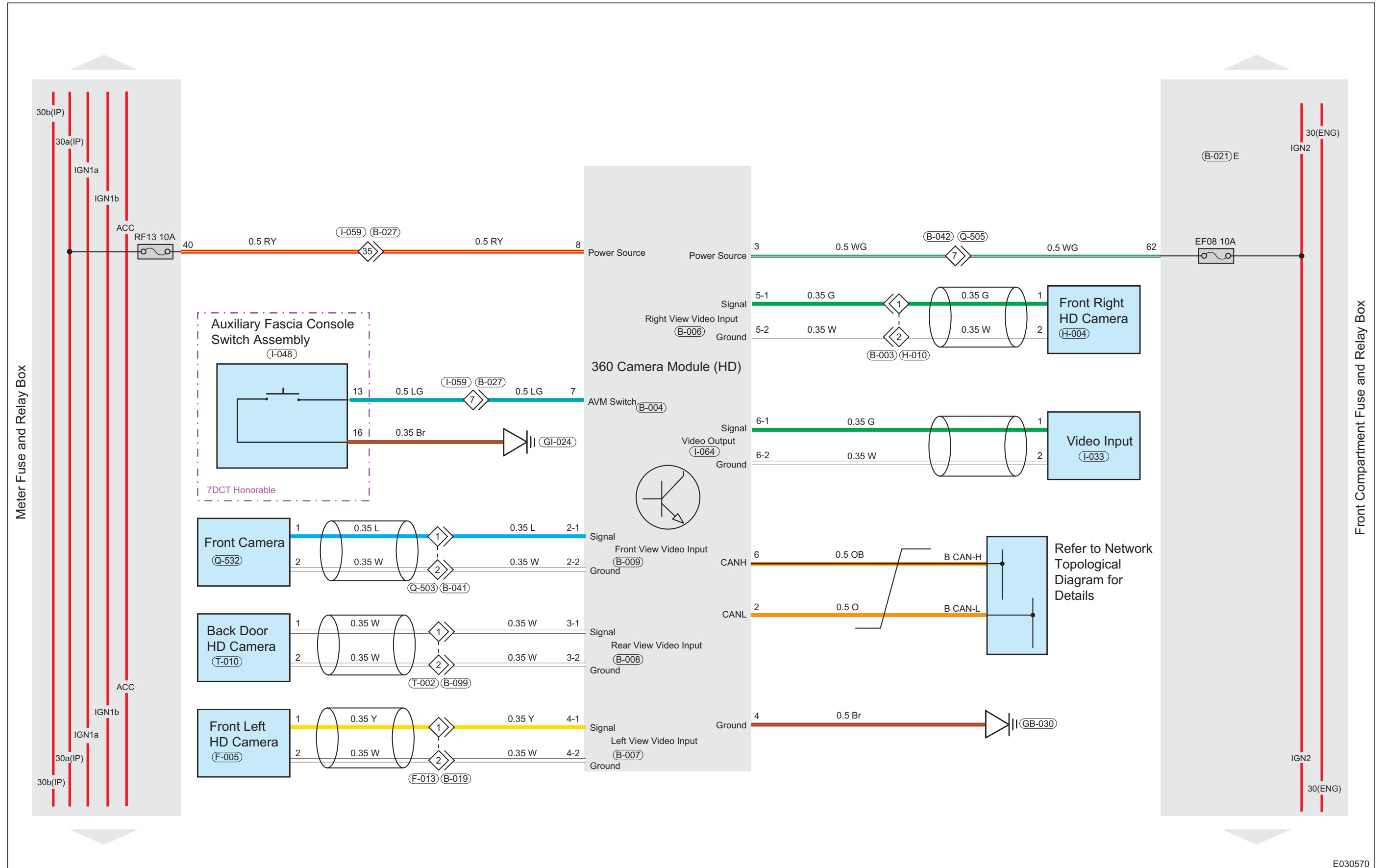
CHAPTER 3, SCHEMATIC DIAGRAM

18.3, APA Switch



E030560

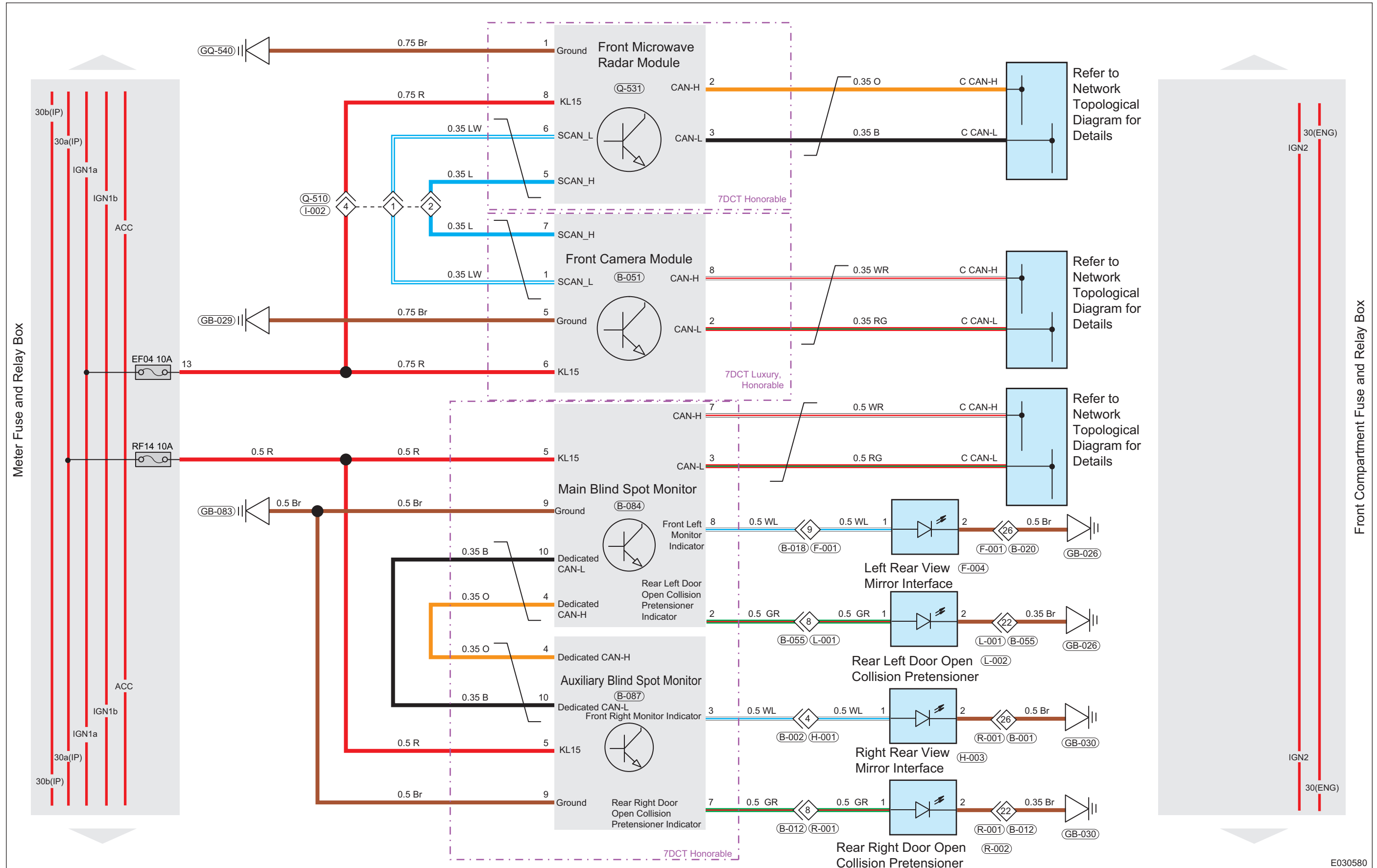
18.4, 360 Camera Module



E030570

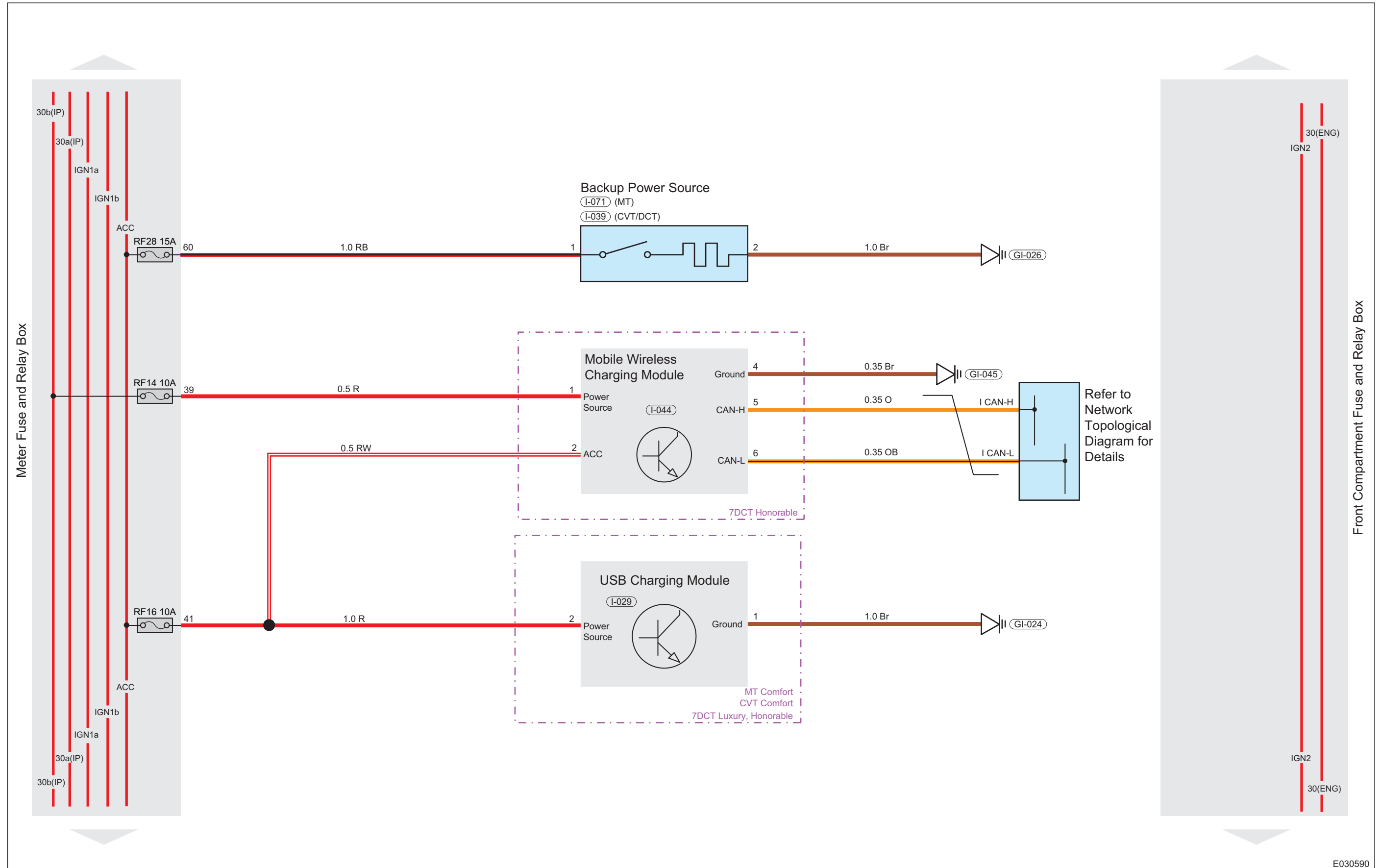
CHAPTER 3, SCHEMATIC DIAGRAM

(19), Front Microwave Radar, Lane Departure System, Blind Spot Monitor System



E030580

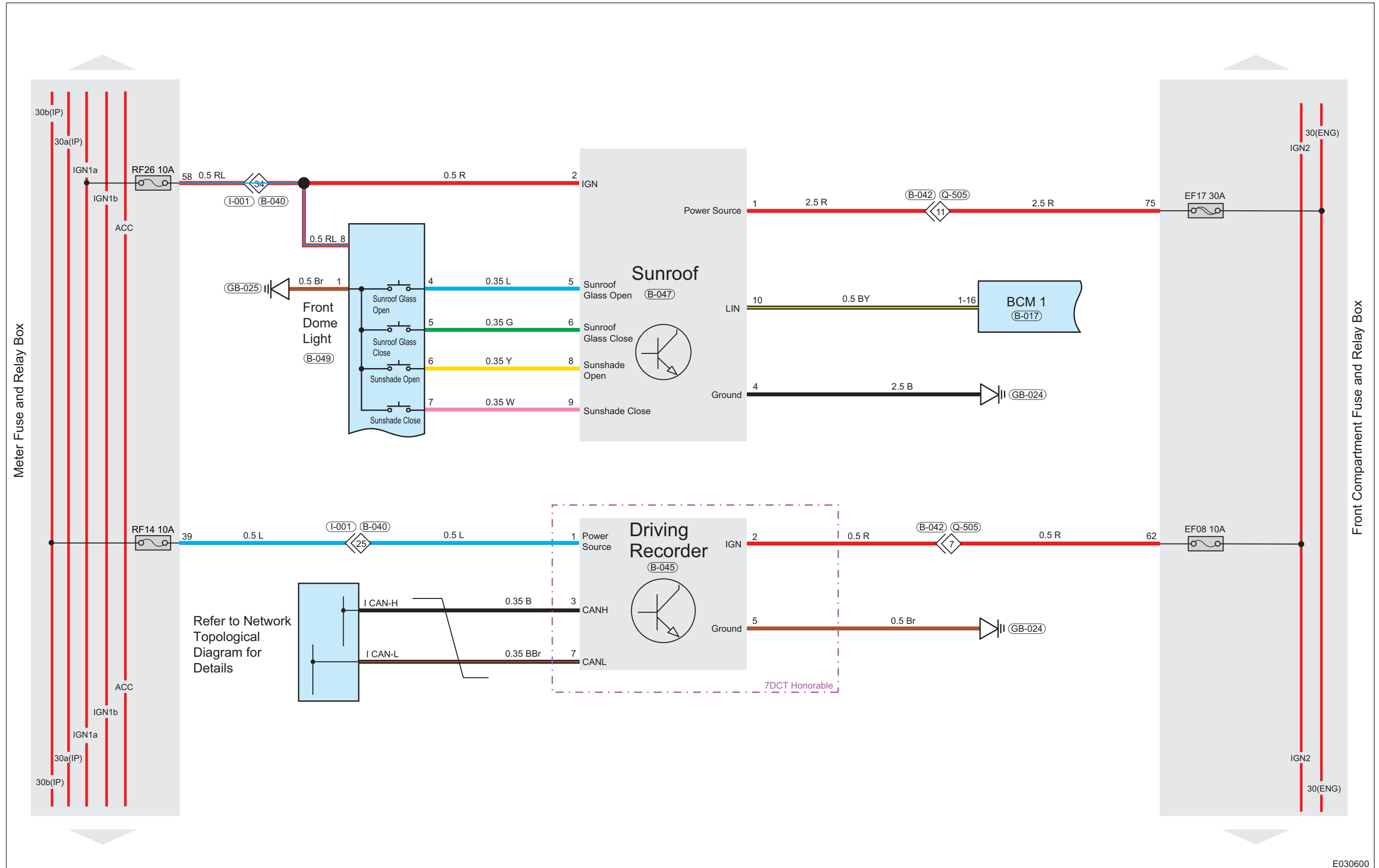
(20), Backup Power Source, Wireless Charging Module, USB Charging Module



E030590

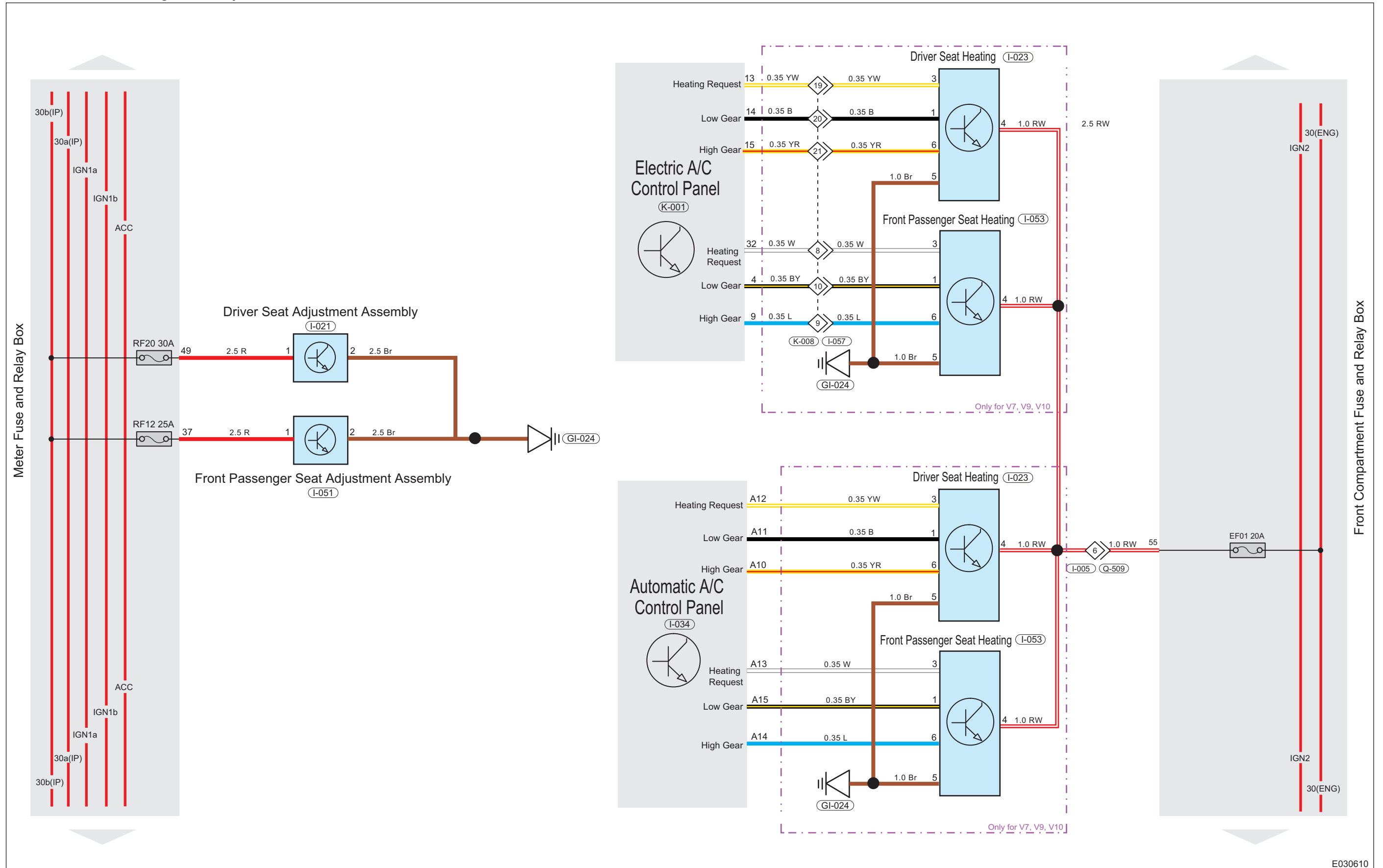
CHAPTER 3, SCHEMATIC DIAGRAM

(21), Sunroof, Driving Recorder



E030600

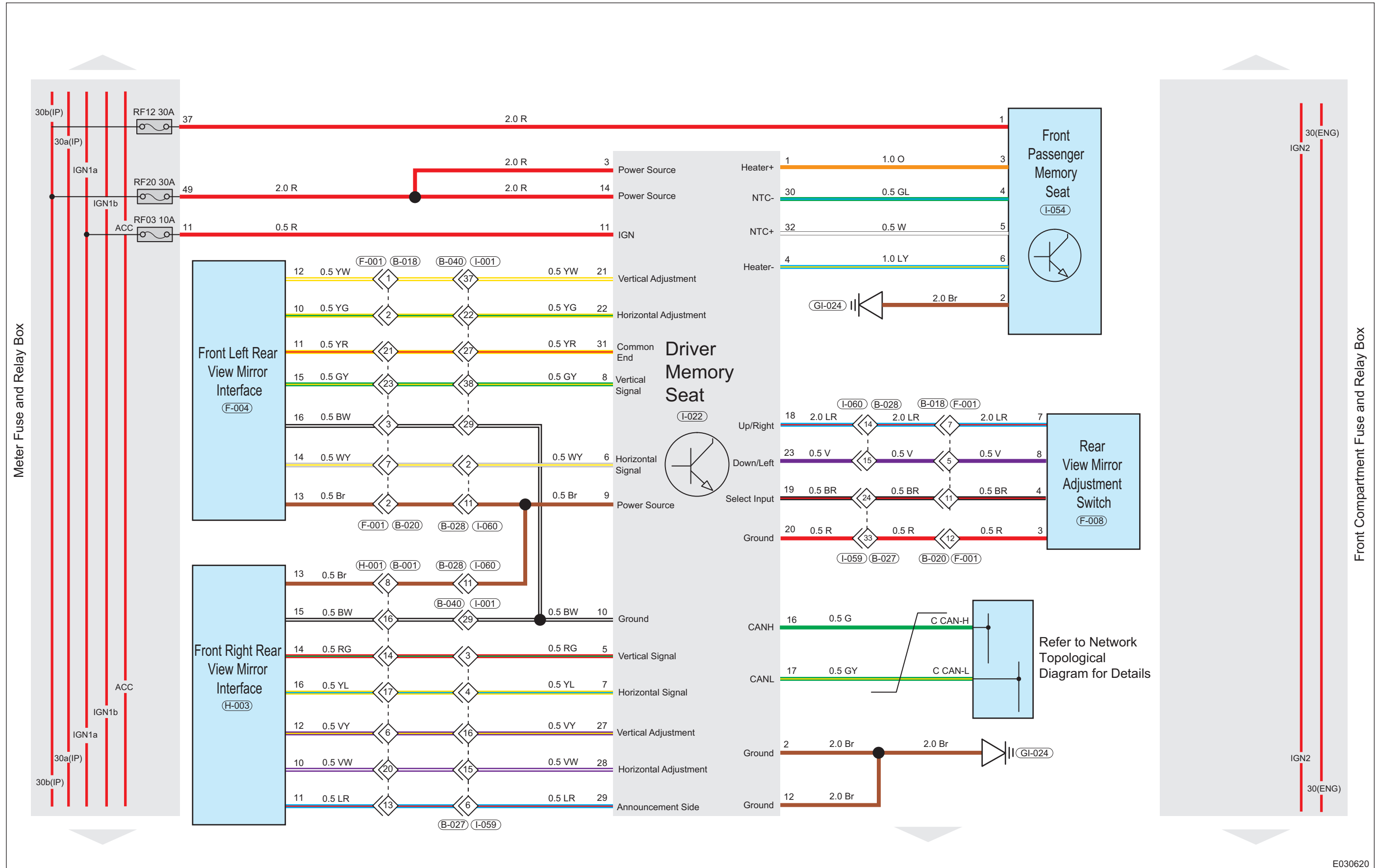
(22), Power Seat
22.1, Seat Heating, Seat Adjustment



E030610

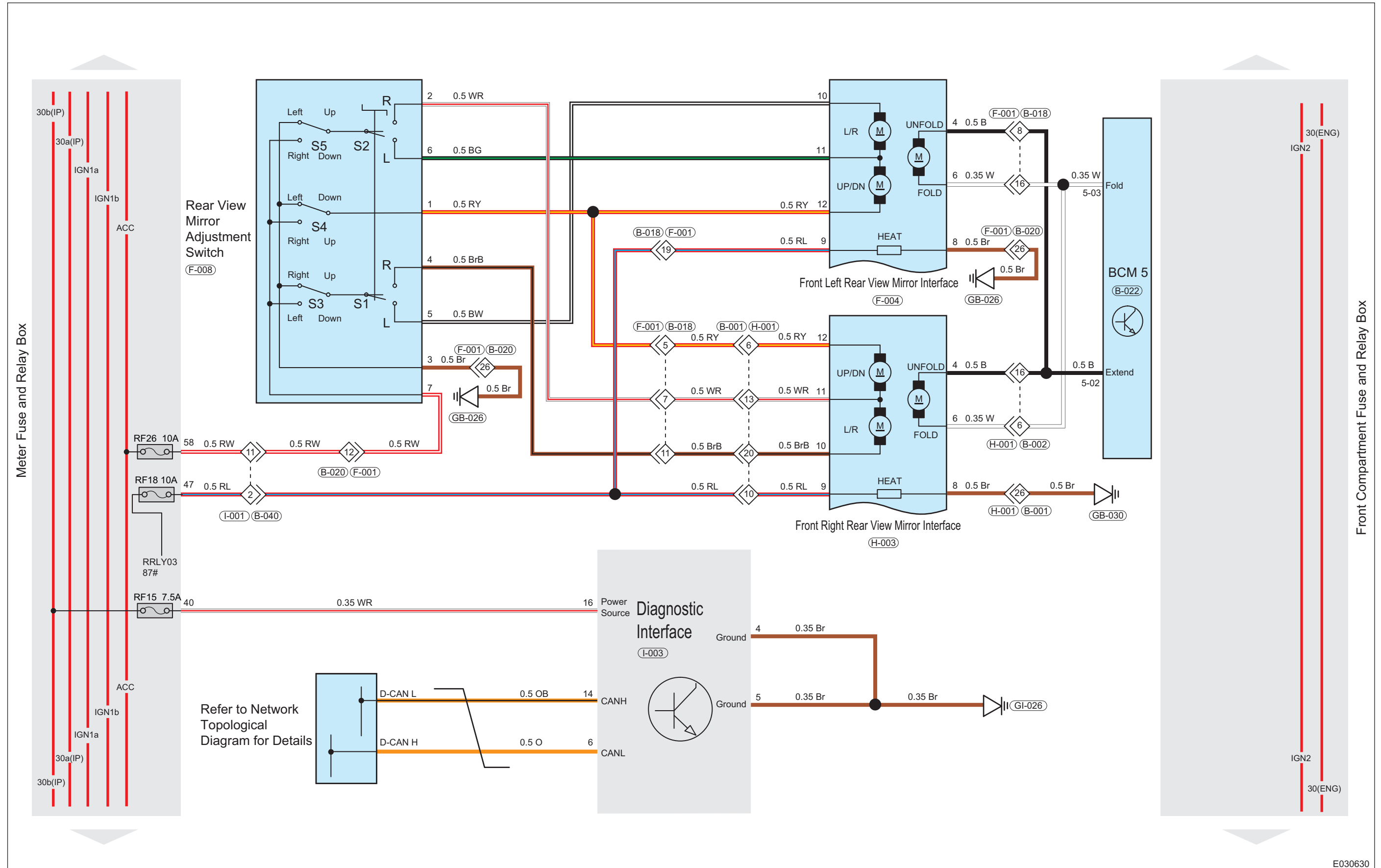
CHAPTER 3, SCHEMATIC DIAGRAM

22.2, Driver Memory Seat



E030620

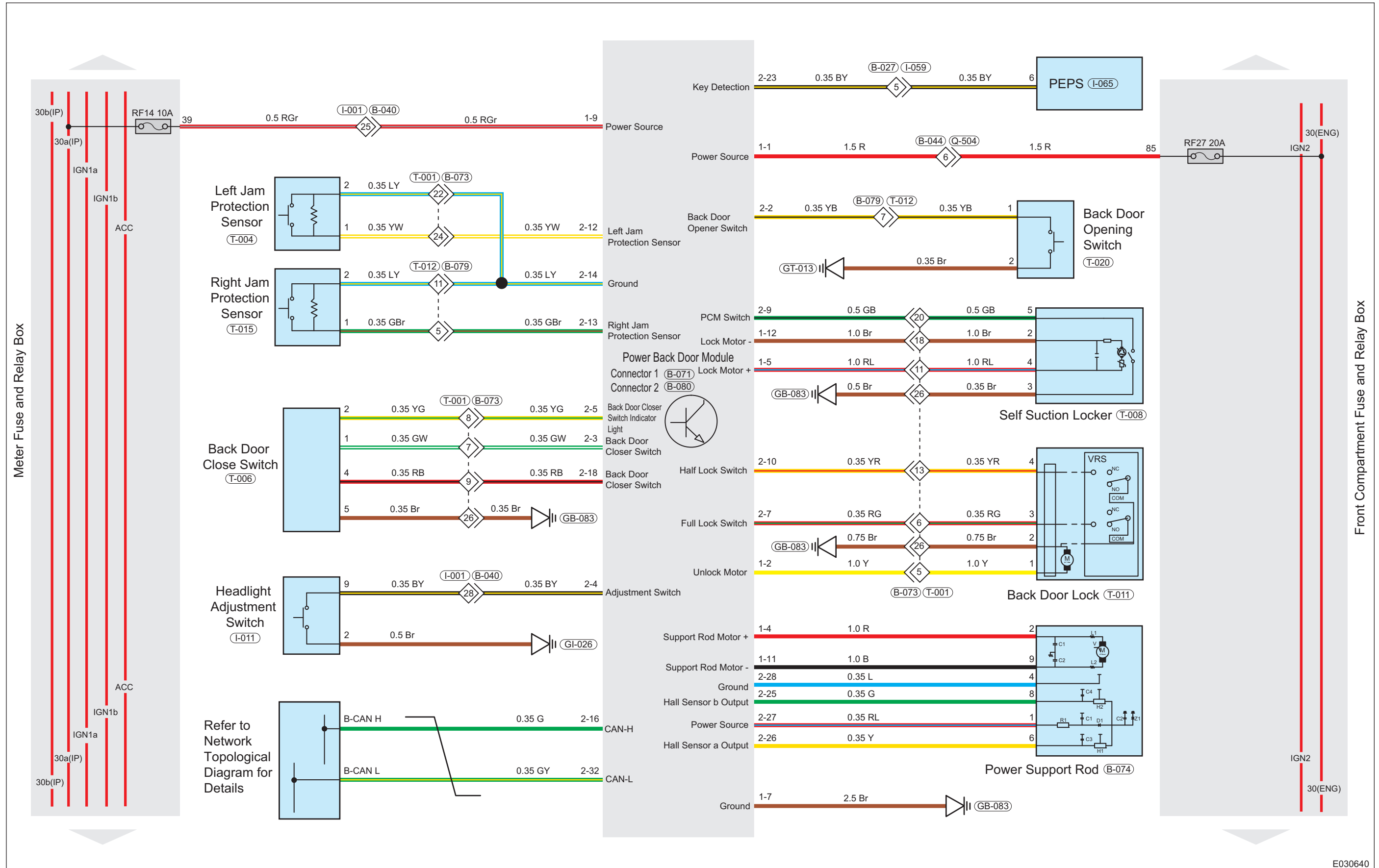
(23), Power Rear View Mirror, Diagnostic Interface



E030630

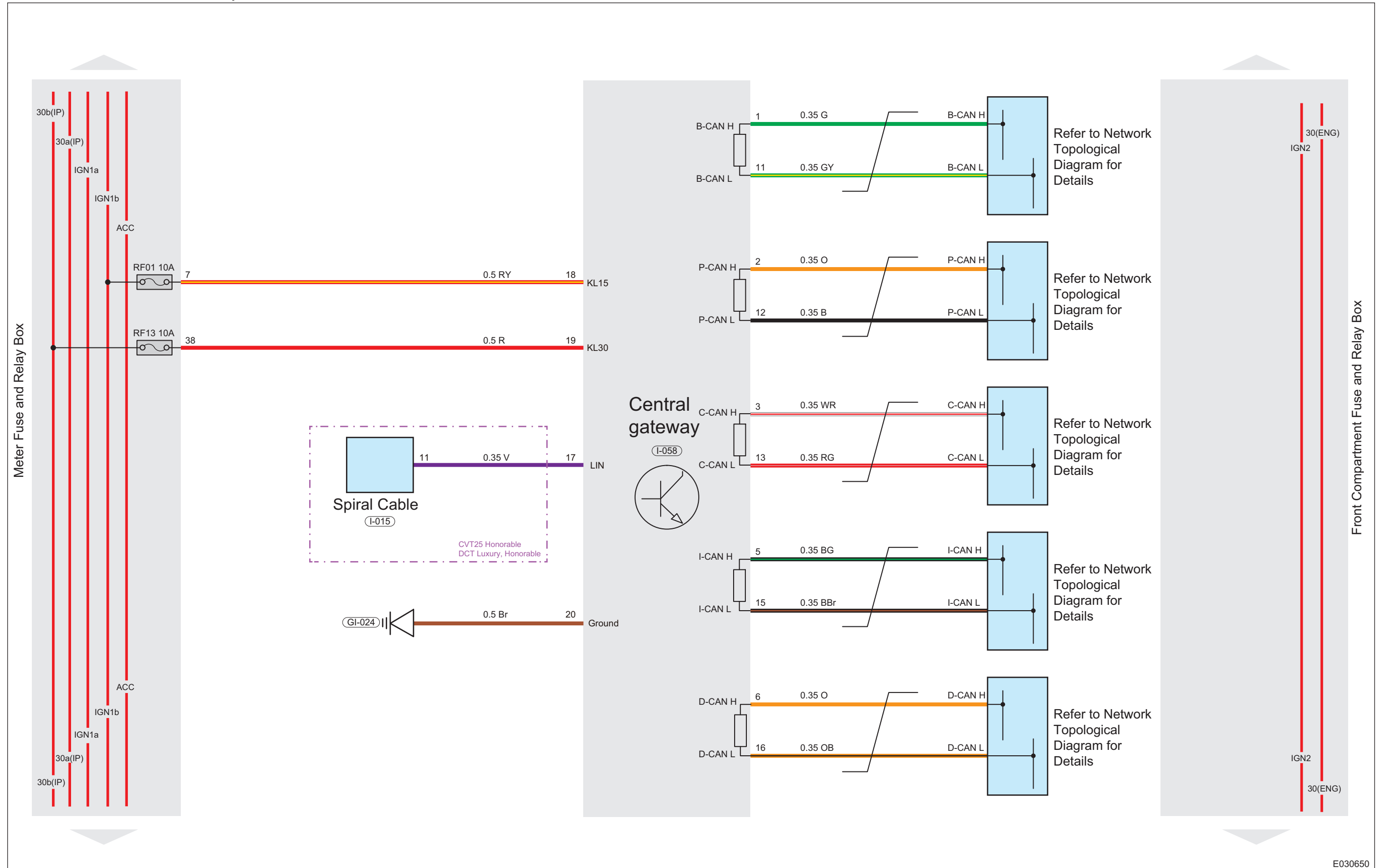
CHAPTER 3, SCHEMATIC DIAGRAM

(24), Power Back Door



E030640

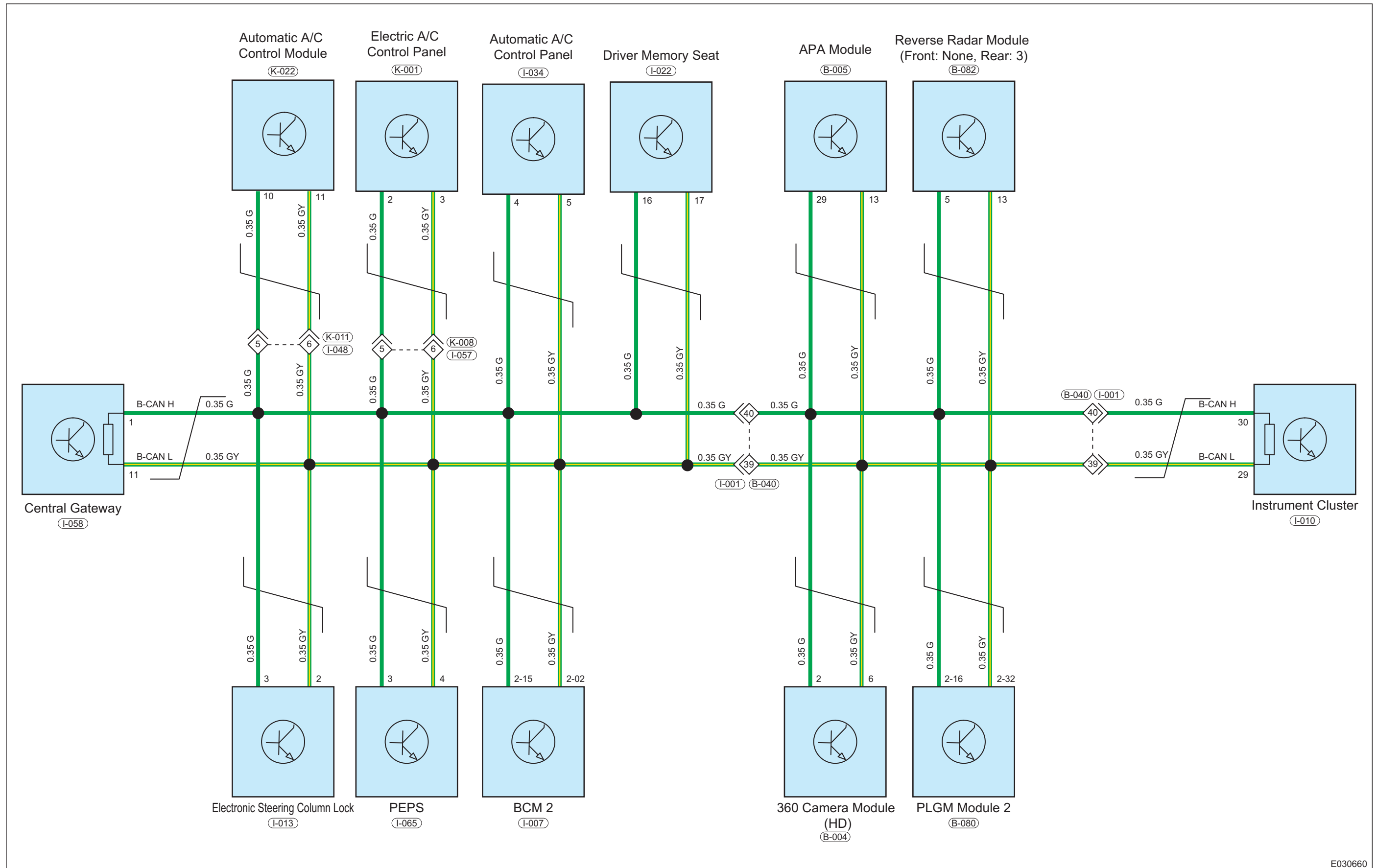
(25), Network Topology Diagram
25.1, CGW Central Gateway



E030650

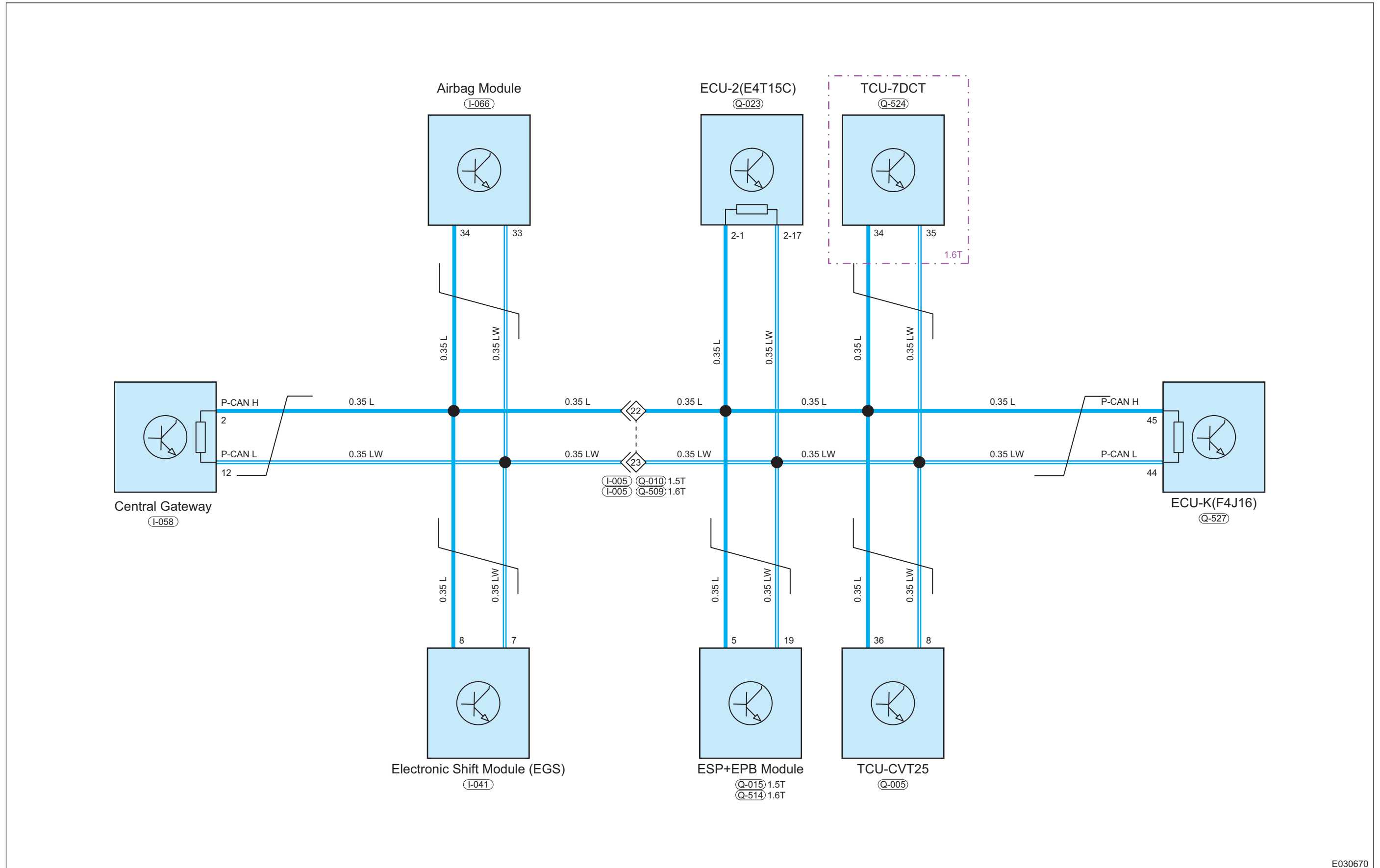
CHAPTER 3, SCHEMATIC DIAGRAM

25.2, Body CAN System

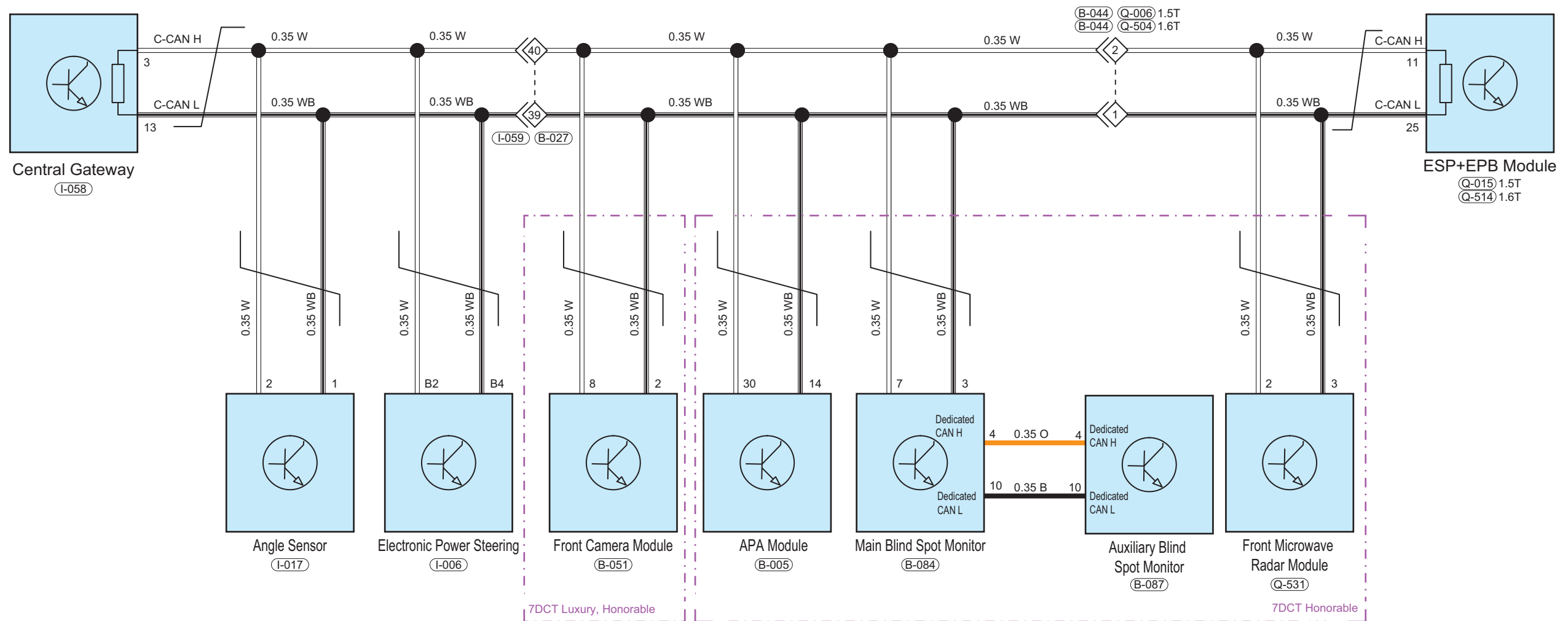


E030660

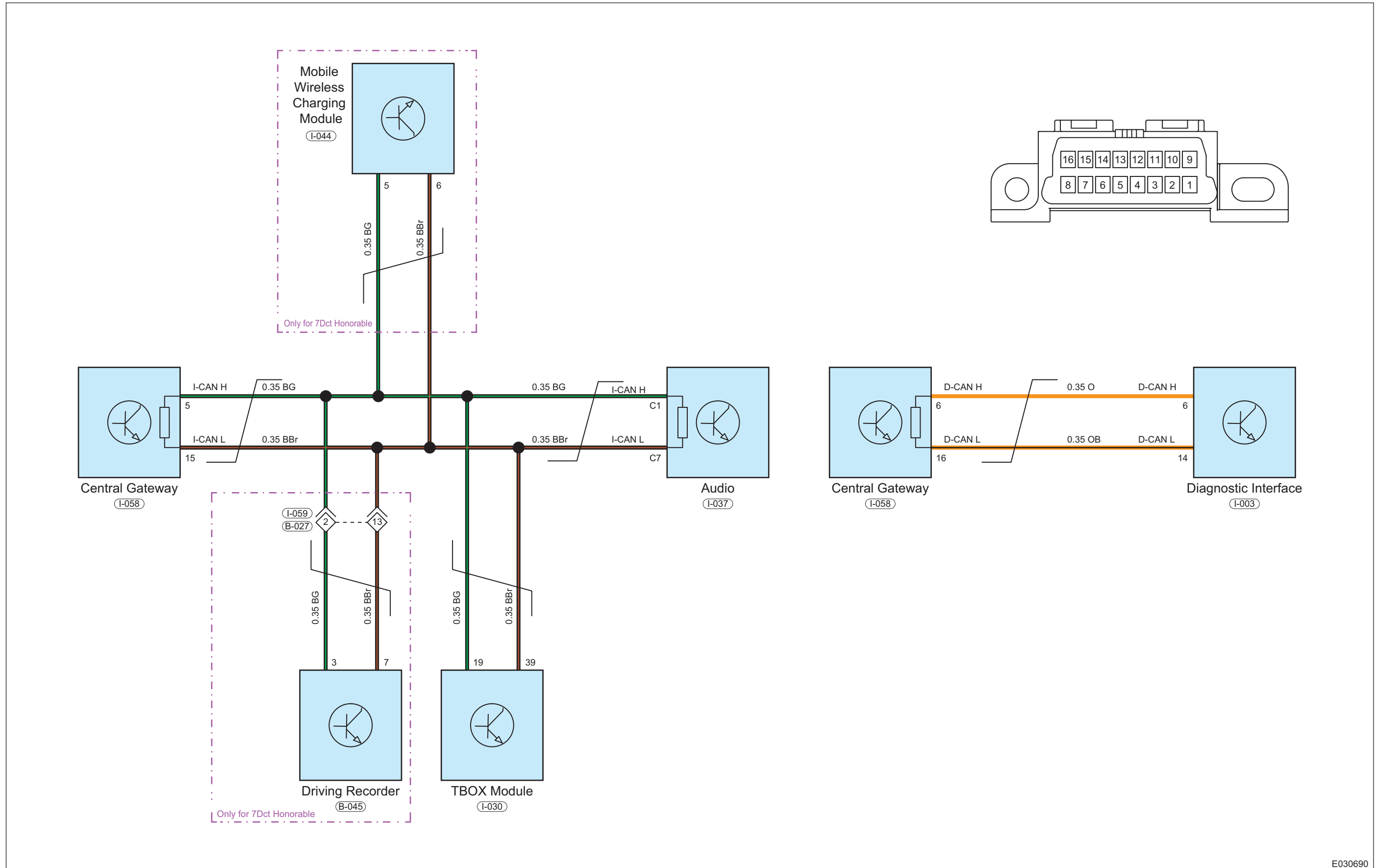
25.3, Power CAN System



E030670



25.4, Entertainment CAN System, Diagnostic Interface



E030690