

COROLLA ALTIS

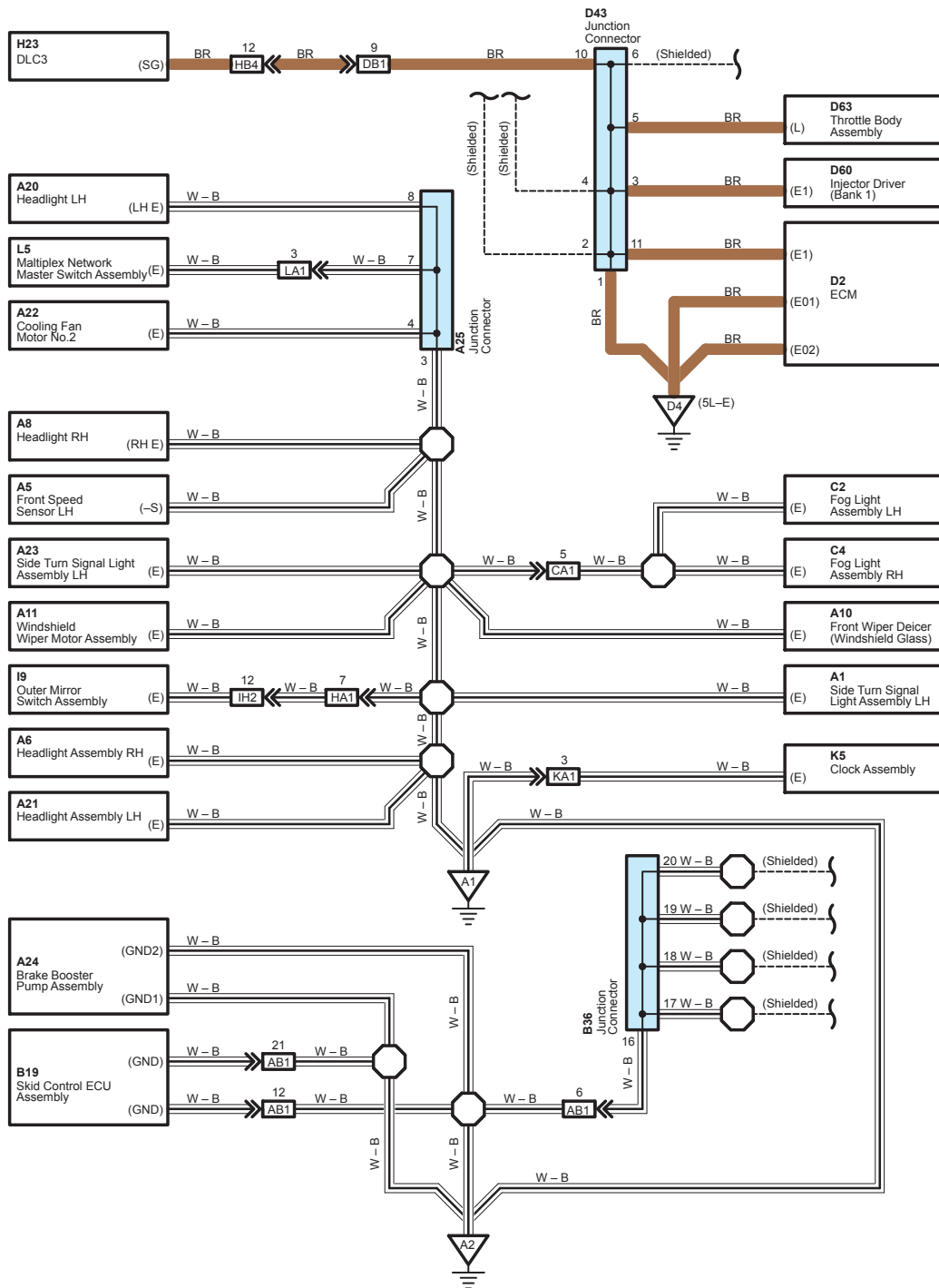
ELECTRICAL WIRING DIAGRAM

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B HOW TO USE THIS MANUAL

The ground points circuit diagram shows the connections from all major parts to the respective ground points. When troubleshooting a faulty ground point, checking the system circuits which use a common ground may help you identify the problem ground quickly. The relationship between ground points ($\nabla A1$, $\nabla A2$ and $\nabla D4$ shown below) can also be checked this way.

I GROUND POINT

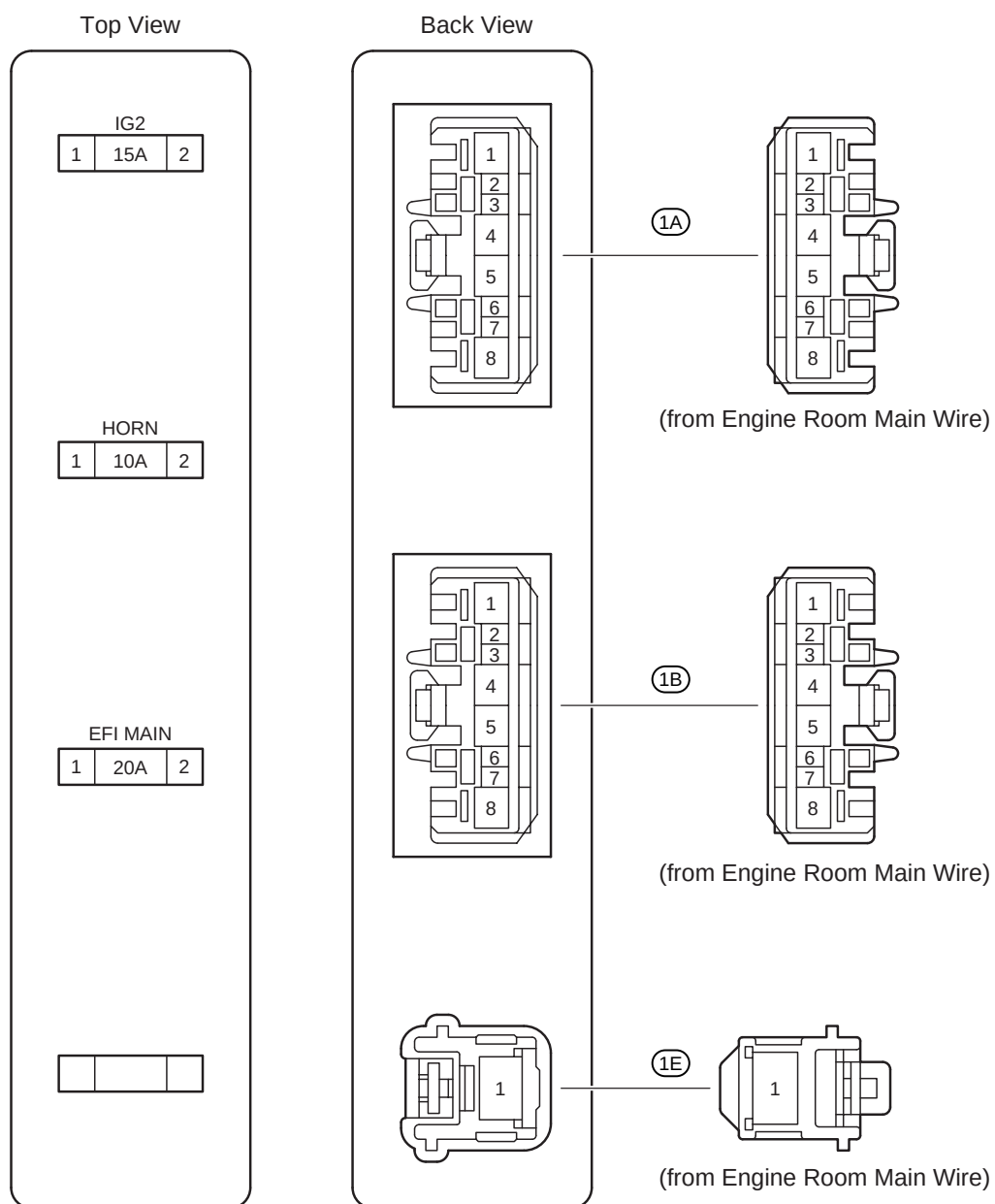


* The system shown here is an EXAMPLE ONLY. It is different to the actual circuit shown in the SYSTEM CIRCUITS SECTION.

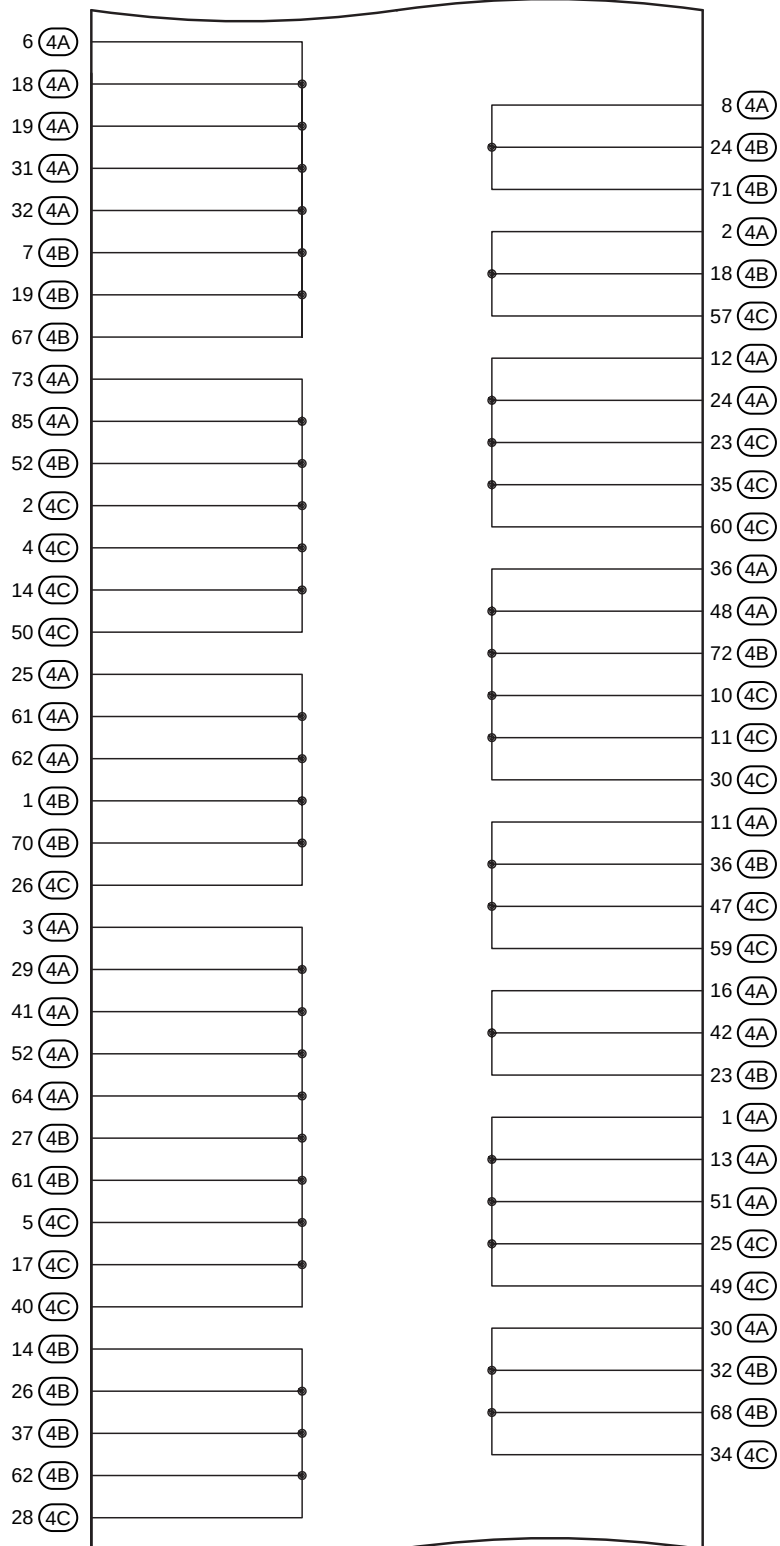
F RELAY LOCATIONS

① : Engine Room R/B	Engine Compartment Left (See Page 20)
○ : Engine Room J/B	

Unit B

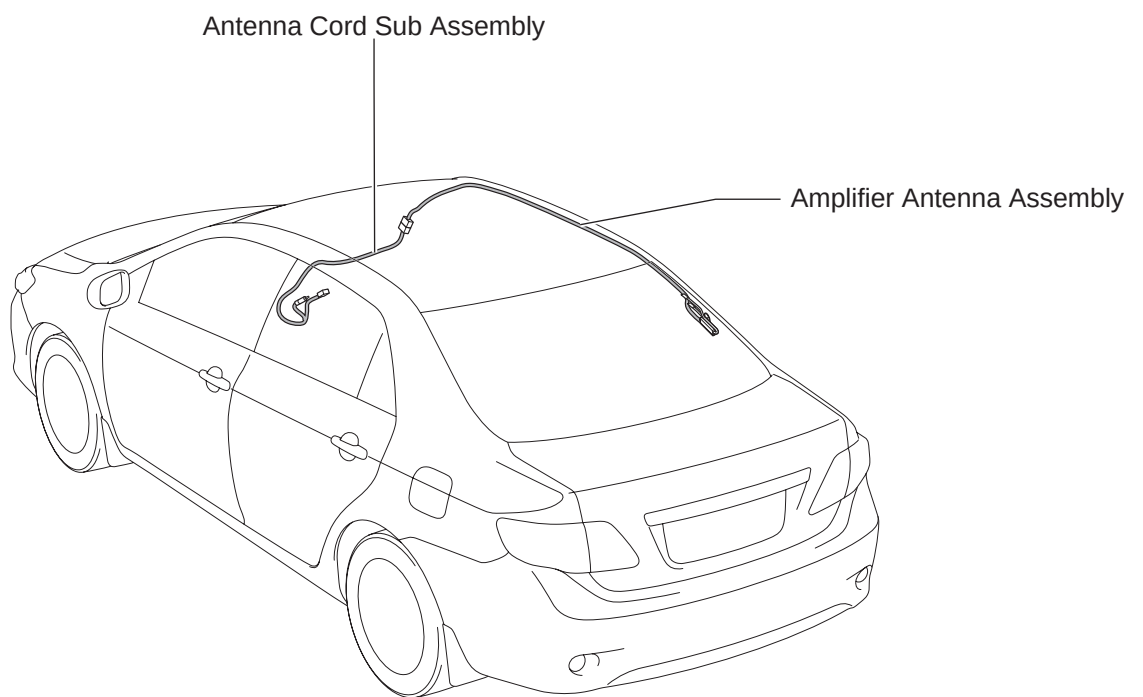


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[Antenna]



Smart Entry & Start System

: Parts Location

Code	See Page	Code	See Page	Code	See Page
A1	61	E46	59	L5	62
A42	54 (3ZR-FE)	E50	A 59	L18	63
A45	A 61	E51	B 59	L25	63
A46	B 61	E52	C 59	L26	63
A47	61	E53	59	L27	63
A50	A 54 (3ZR-FE)	E56	A 59	L30	A 63
A66	54 (3ZR-FE)	E57	B 59	L31	B 63
B4	A 55 (3ZR-FE)	E58	59	M1	63
B8	B 55 (3ZR-FE)	E59	59	M3	63
B31	B 55 (3ZR-FE)	E75	60	M13	63
B88	55 (3ZR-FE)	E81	60	M14	63
E11	58	E87	60	M16	63
E22	58	H6	62	O1	63
E36	59	I5	62	T1	63
E37	59	J3	62	T2	63
E38	59	K3	62		
E39	59	L3	62		

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	22	Engine Room R/B (Engine Compartment Left)
5	50	R/B No.5 (Instrument Panel Center)
6	51	R/B No.6 (Instrument Panel Center)

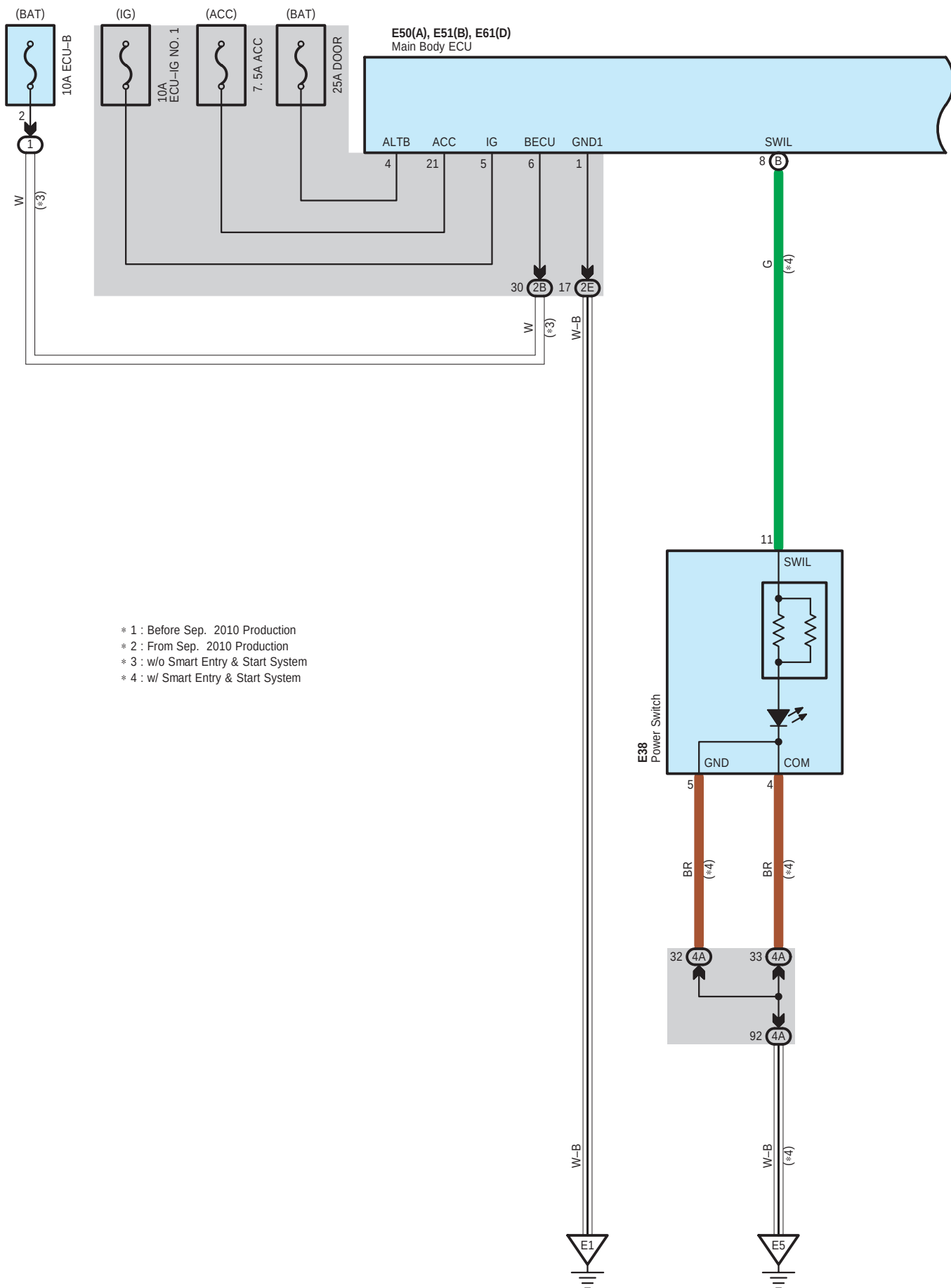
: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	26	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
1J	23	
2A	28	Floor Wire and Instrument Panel J/B (Cowl Side Left)
2B	28	Engine Room Main Wire and Instrument Panel J/B (Cowl Side Left)
2C	28	Instrument Panel Wire and Instrument Panel J/B (Cowl Side Left)
2E		
2F		
2G	28	Engine Room Main Wire and Instrument Panel J/B (Cowl Side Left)
2H	28	Instrument Panel Wire and Instrument Panel J/B (Cowl Side Left)
2K	28	Roof Wire and Instrument Panel J/B (Cowl Side Left)
2M	29	Instrument Panel Wire and Instrument Panel J/B (Cowl Side Left)
2S		
4A	40	Instrument Panel Wire and J/B No.4 (Instrument Panel Brace RH)
4B		
4C		

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AE1	69	Engine Room Main Wire and Instrument Panel Wire (Left Side of the Instrument Panel)
AE2		
AE3		
AE5		
AE11		
AE12	69	Engine Room Main Wire and Instrument Panel Wire (Cowl Side Panel RH)
BA2	67 (3ZR-FE)	Engine Wire and Engine Room Main Wire (Inside of the Engine Room R/B and Engine Room J/B)
BA4		
EL1	69	Instrument Panel Wire and Floor Wire (Left Kick Panel)
EL5		
EM1	69	Instrument Panel Wire and Floor No.2 Wire (Right Kick Panel)
HE2	69	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)

Interior Light





Remote Control Mirror

: Parts Location

Code		See Page	Code		See Page	Code		See Page
E17		58	E56	A	59	I2		62
E54	A	59	E57	B	59			
E55	B	59	H2		62			

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
2E	28	Instrument Panel Wire and Instrument Panel J/B (Cowl Side Left)
2S	29	
4A	40	Instrument Panel Wire and J/B No.4 (Instrument Panel Brace RH)
4B		
4C		

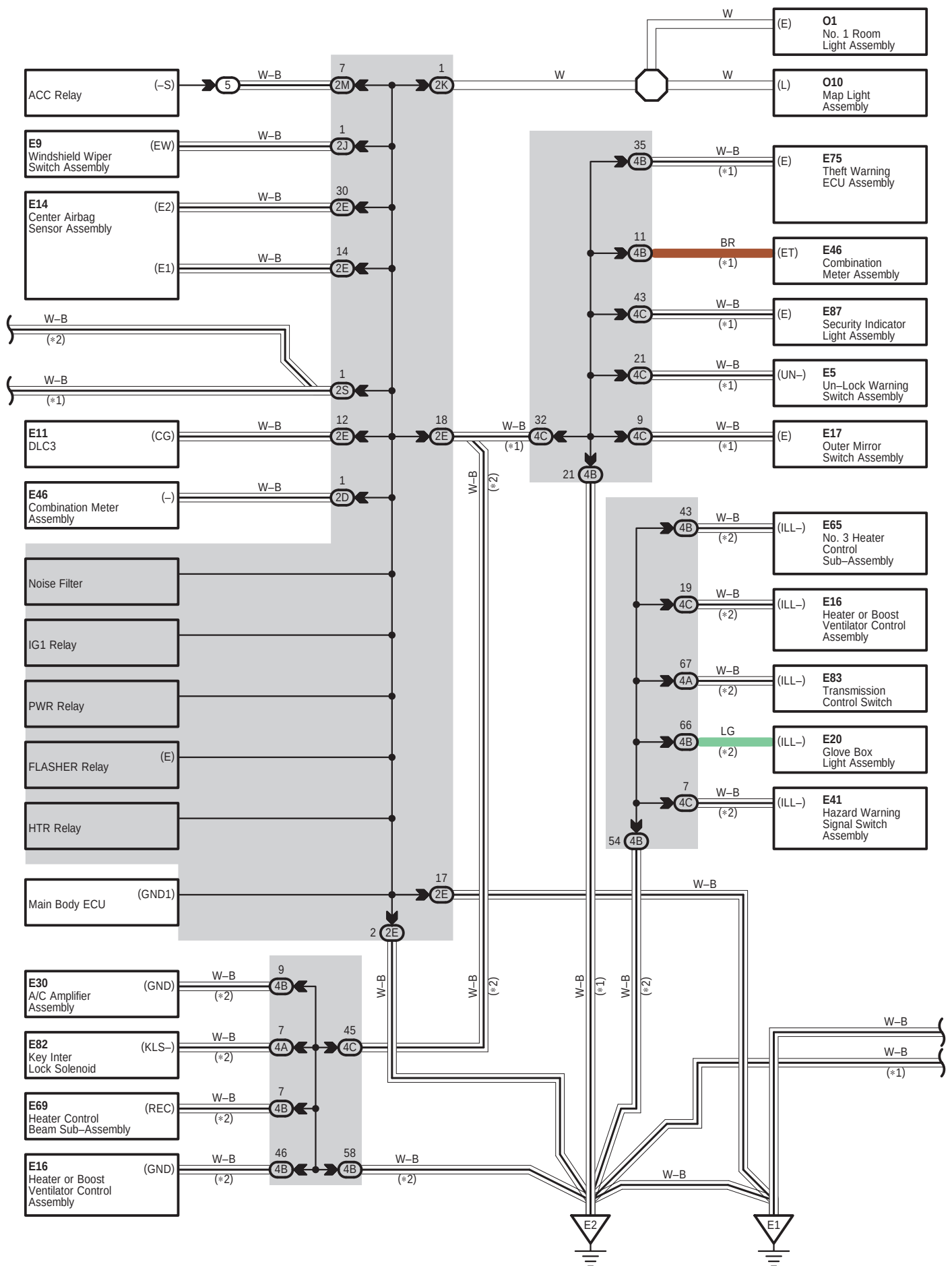
: Connector Joining Wire Harness and Wire Harness

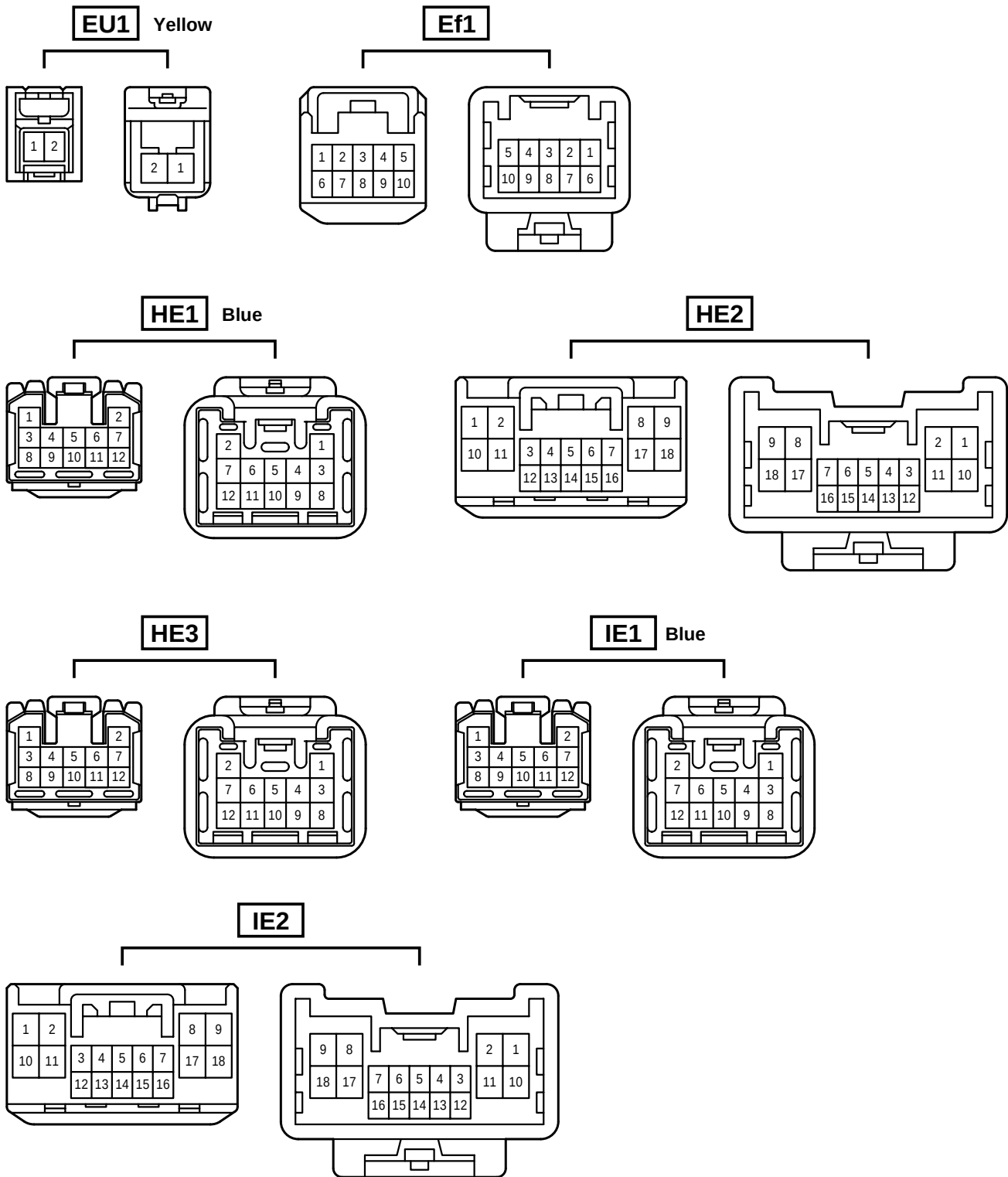
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
HE1	69	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
HE2		
HE3		
IE1	69	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IE2		
IE4		

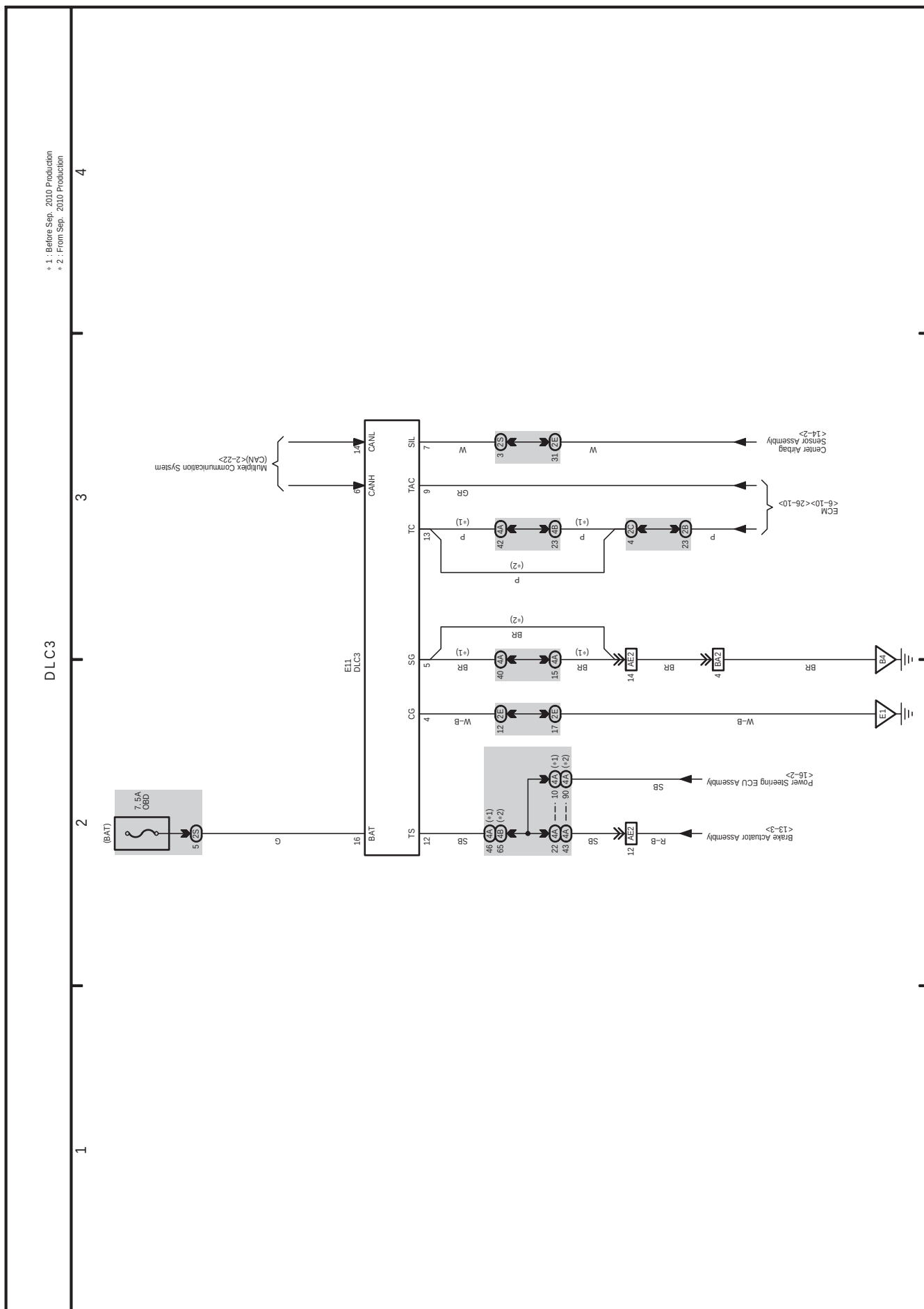
: Ground Points

Code	See Page	Ground Points Location
E1	69	Left Kick Panel
E2	69	Left Side of the Instrument Panel

I GROUND POINT







M OVERALL ELECTRICAL WIRING DIAGRAM

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* 4 : w/ Smart Entry & Start System
* 5 : w/o Smart Entry & Start System
* 10 : Before Sep. 2010 Production
* 11 : From Sep. 2010 Production

Engine Control (2ZR-FE, 3ZR-FE)

