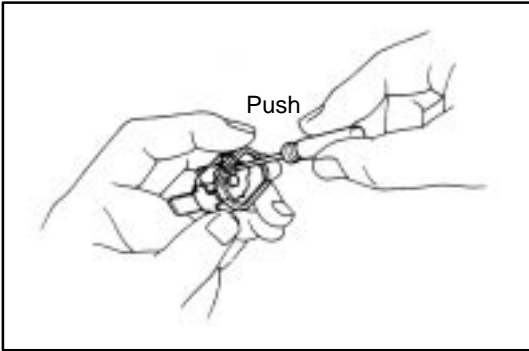


CIRCUIT PROTECTION

All electrical circuits are protected against excessive loads which might occur because of shorts or overloads in the wiring system. Such protection is provided by a fuse, circuit breaker, or fusible link. A short circuit may cause a fuse to blow or a circuit breaker to open.



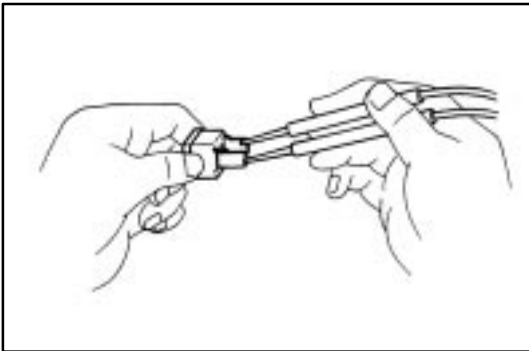
RESET CIRCUIT BREAKER

1. Remove Circuit Breaker

- (a) Disconnect the negative (-) cable from the battery.
- (b) Remove the circuit breaker.

2. Reset Circuit Breaker

- (a) Insert the needle into the reset hole and push it.



- (b) Using an ohmmeter, check that there is continuity between both terminals of the circuit breaker. If continuity is not as specified, replace the circuit breaker.



HINT: If replacing the circuit breaker, be sure to replace it with a breaker with an equal amperage rating.

3. Install Circuit Breaker

- (a) Install the circuit breaker.
 - (b) Connect the negative (-) cable to the battery.
- HINT:** If a circuit breaker continues to cut out, a short circuit is indicated. Have the system checked by a qualified technician.

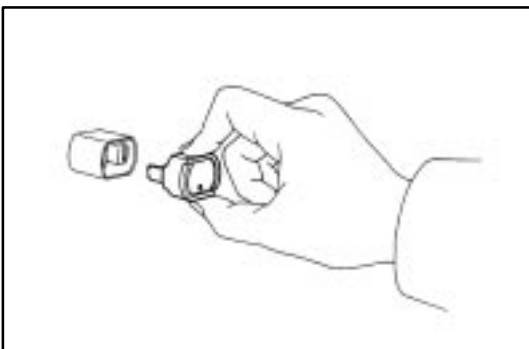
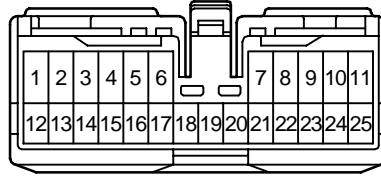


TABLE OF HOUSING CROSS SECTION

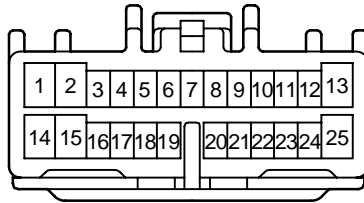
Type	○ : Position of the lance ↑ : Direction of lock released ↗ : Direction of the special tool inserted	
	Male	Female
0.64		<p>(Double Lock Type) [Terminal Lance]</p>
0.64 IDC		<p>[Terminal Lance]</p>
1.0		<p>(Double Lock Type) [Housing Lance]</p>
1.0II Non-waterproof Type	<p>(Double Lock Type) [Housing Lance]</p>	<p>(Double Lock Type) [Housing Lance]</p>

TABLE OF HOUSING SHAPE

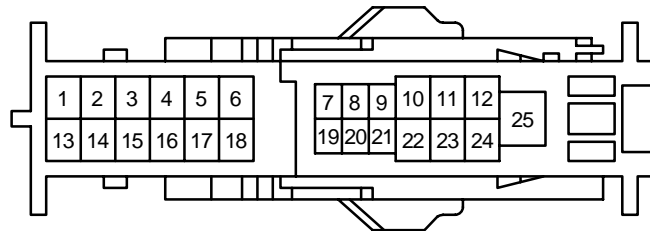
<FEMALE> 25P Non-waterproof Type



90980-11404



90980-11877




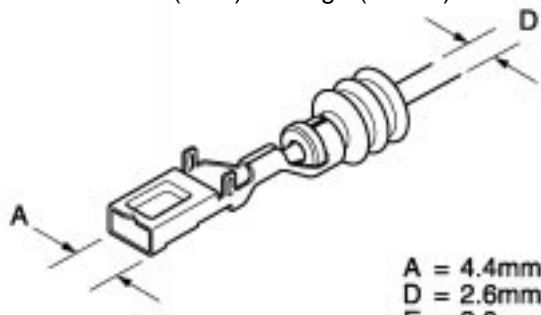
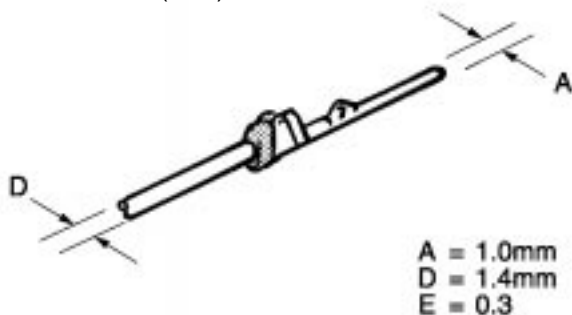
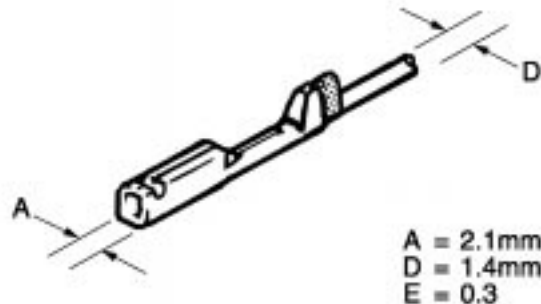
90980-12278

HOUSING PART NUMBER LIST

Part No. of Connector Body	Supply	Terminal	Male Female	Cav. No.	Sealing Ability	Part No. of Repair Wire		Sleeve Color	Memo
						160 mm Type	500 mm Type		
90980-						82998-	82998-		
10349	X	PULSE LOCK	M	30	U	-	-	-	PCB
10350	X	PULSE LOCK	F	18	U	12200	-	L,Y	
10351	O	PULSE LOCK	F	12	U	12200	-	L,Y	
10352	X	TODC	F	2	S	-	-	-	
10353	O	TODC	F	3	S	-	-	-	
10354	X	2.3	M	2	U	12160*	-	L	w/o Clamp
10355	O	2.3	F	2	U	12170	-	L	
10356	O	7.7	M	2	U	12030	-	Y	
10357	O	7.7	F	2	U	12040	-	Y	
10358	X	6.3	F	8	U	12060	12580	Y	
10359	O	6.3	F	1	U	12060	12580	Y	
10360	X	2.3	M	8	U	12160*	-	L	
10361	X	2.3	M	20	U	12160*	-	L	
10362	O	SP	F	2	U	12530	-	L,Y	
10363	X	5.2	F	1	U	-	-	-	
10364	X	2.3	M	3	U	12160*	-	L	w/o Clamp
10365	O	2.3	F	3	U	12170	-	L	
10366	O	2.3	M	6	U	12160*	-	L	w/o Clamp
10367	O	2.3	F	6	U	12170	-	L	
10368	X	MFPC	F	14	U	12150	-	L	
10369	O	MFPC	F	14	U	12150	-	L	
10370	X	PULSE LOCK	M	42	U	-	-	-	PCB
10371	O	PULSE LOCK	F	14	U	12210	-	L	
10372	X	MFPC	F	12	U	12150	-	L	
10373	X	7.7 TODC	F	2 2	S	- -	- -	- -	
10374	X	7.7	M	2	S	-	-	-	
10375	X	2.3	M	10	U	12160*	-	L	w/o Flange
10376	X	SP SP	F	5 5	U	12520 12530	- -	L,Y L,Y	
10377	X	SP	F	10	U	12530	-	L,Y	
10378	O	MIC	F	4	U	12120	-	L,Y	
10379	X	TODC	M	9	S	-	-	-	
10380	X	TODC	F	9	S	-	-	-	w/o Clamp
10381	X	TODC	F	9	S	-	-	-	w/ Clamp

TABLE OF REPAIR WIRE, TERMINAL PACKING, HOLE PLUG AND PRESS SLEEVE

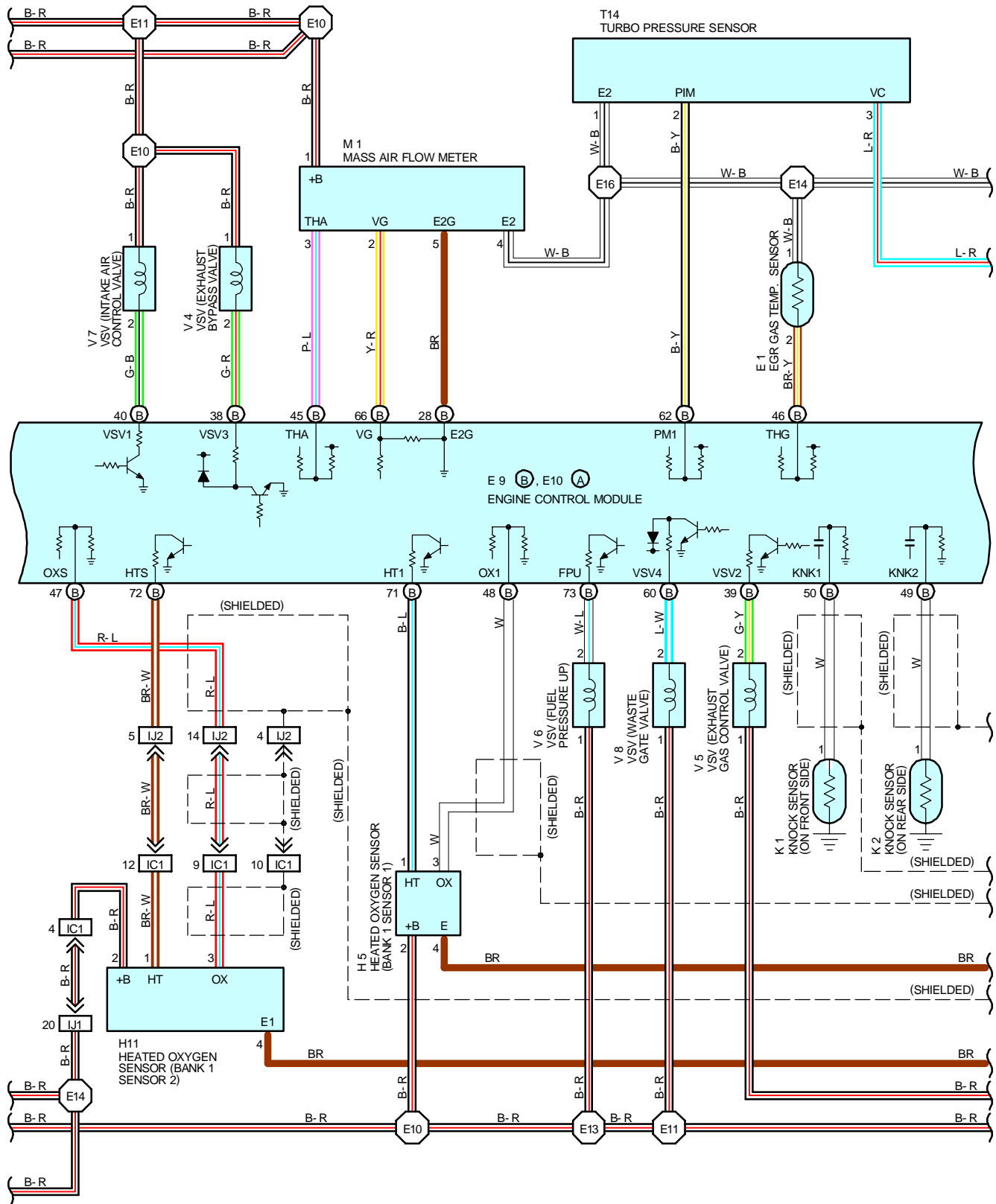
Repair Wire (Waterproof Type)

Type	HB3, HB4	
	Male	Female
		<p>Sleeve : Medium (Blue) or Large (Yellow)</p>  <p>A = 4.4mm D = 2.6mm E = 2.0</p>
P/N		82998-12550(160mm) 82998-12610(500mm)
Type	TLC	
	Male	Female
	<p>Sleeve : Small (Red)</p>  <p>A = 1.0mm D = 1.4mm E = 0.3</p>	<p>Sleeve : Small (Red)</p>  <p>A = 2.1mm D = 1.4mm E = 0.3</p>
P/N	82998-12280	82998-12290

F



ENGINE CONTROL (2JZ-GTE)



SYSTEM OUTLINE

CURRENT IS APPLIED AT ALL TIMES THROUGH THE **STOP FUSE** TO **TERMINAL 2** OF THE STOP LIGHT SW. WHEN THE IGNITION SW IS TURNED ON, CURRENT FLOWS FROM THE **GAUGE FUSE** TO **TERMINAL 8** OF THE LIGHT FAILURE SENSOR, AND ALSO FLOWS THROUGH THE REAR LIGHT WARNING LIGHT TO **TERMINAL 4** OF THE LIGHT FAILURE SENSOR.

STOP LIGHT DISCONNECTION WARNING

WHEN THE IGNITION SW IS TURNED ON AND THE BRAKE PEDAL IS PRESSED (STOP LIGHT SW ON), IF THE STOP LIGHT CIRCUIT IS OPEN, THE CURRENT FLOWING FROM **TERMINAL 7** OF THE LIGHT FAILURE SENSOR TO **TERMINAL 2** CHANGES, SO THE LIGHT FAILURE SENSOR DETECTS THE DISCONNECTION AND THE WARNING CIRCUIT OF THE LIGHT FAILURE SENSOR IS ACTIVATED.

AS A RESULT, THE CURRENT FLOWS FROM **TERMINAL 4** OF THE LIGHT FAILURE SENSOR → **TERMINAL 11** → **GROUND** AND TURNS THE REAR LIGHT WARNING LIGHT ON. BY PRESSING THE BRAKE PEDAL, THE CURRENT FLOWING TO **TERMINAL 8** OF THE LIGHT FAILURE SENSOR KEEPS THE WARNING CIRCUIT ON HOLDING AND THE WARNING LIGHT ON UNTIL THE IGNITION SW IS TURNED OFF.

SERVICE HINTS

S11 STOP LIGHT SW

2-1 :CLOSED WITH THE BRAKE PEDAL DEPRESSED

L 2 LIGHT FAILURE SENSOR

2, 7 GROUND: APPROX. 12 VOLTS WITH THE STOP LIGHT SW ON

4, 8 GROUND: APPROX. 12 VOLTS WITH THE IGNITION SW AT **ON** POSITION

11 GROUND : ALWAYS CONTINUITY

○ : PARTS LOCATION

CODE	SEE PAGE	CODE	SEE PAGE	CODE	SEE PAGE
H14	30	R 9	30	S11	29
L 2	30	R10	30	T 6	29

○ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

CODE	SEE PAGE	JUNCTION BLOCK AND WIRE HARNESS (CONNECTOR LOCATION)
1C	20	FLOOR NO. 2 WIRE AND J/B NO. 1 (LEFT KICK PANEL)
1E	20	INSTRUMENT PANEL WIRE AND J/B NO. 1 (LEFT KICK PANEL)
1H	20	COWL WIRE AND J/B NO. 1 (LEFT KICK PANEL)
1I		

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

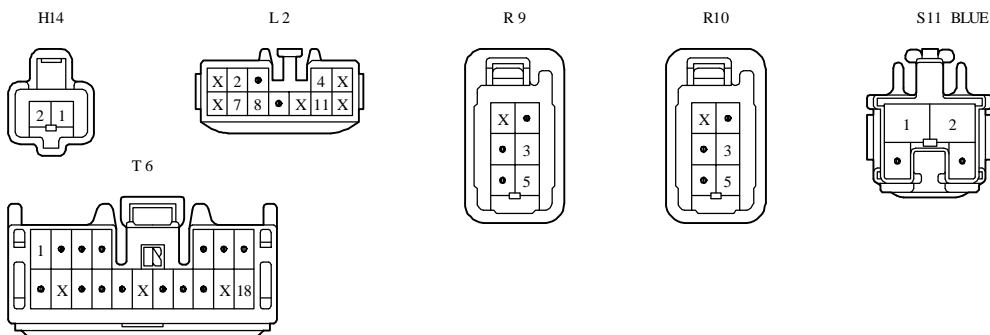
CODE	SEE PAGE	JOINING WIRE HARNESS AND WIRE HARNESS (CONNECTOR LOCATION)
IE1	36	INSTRUMENT PANEL WIRE AND FLOOR NO. 2 WIRE (LEFT KICK PANEL)
BM1	40	BACK DOOR NO. 1 WIRE AND FLOOR NO. 2 WIRE (LEFT SIDE OF PACKAGE TRAY TRIM)
BO1	40	BACK DOOR NO. 2 WIRE AND BACK DOOR NO. 1 WIRE (BACK DOOR UPPER LEFT)

▽ : GROUND POINTS

CODE	SEE PAGE	GROUND POINTS LOCATION
BI	40	LEFT QUARTER PILLAR
BJ	40	LOWER BACK PANEL CENTER
BK	40	RIGHT SIDE OF HIGH MOUNTED STOP LIGHT

○ : SPLICE POINTS

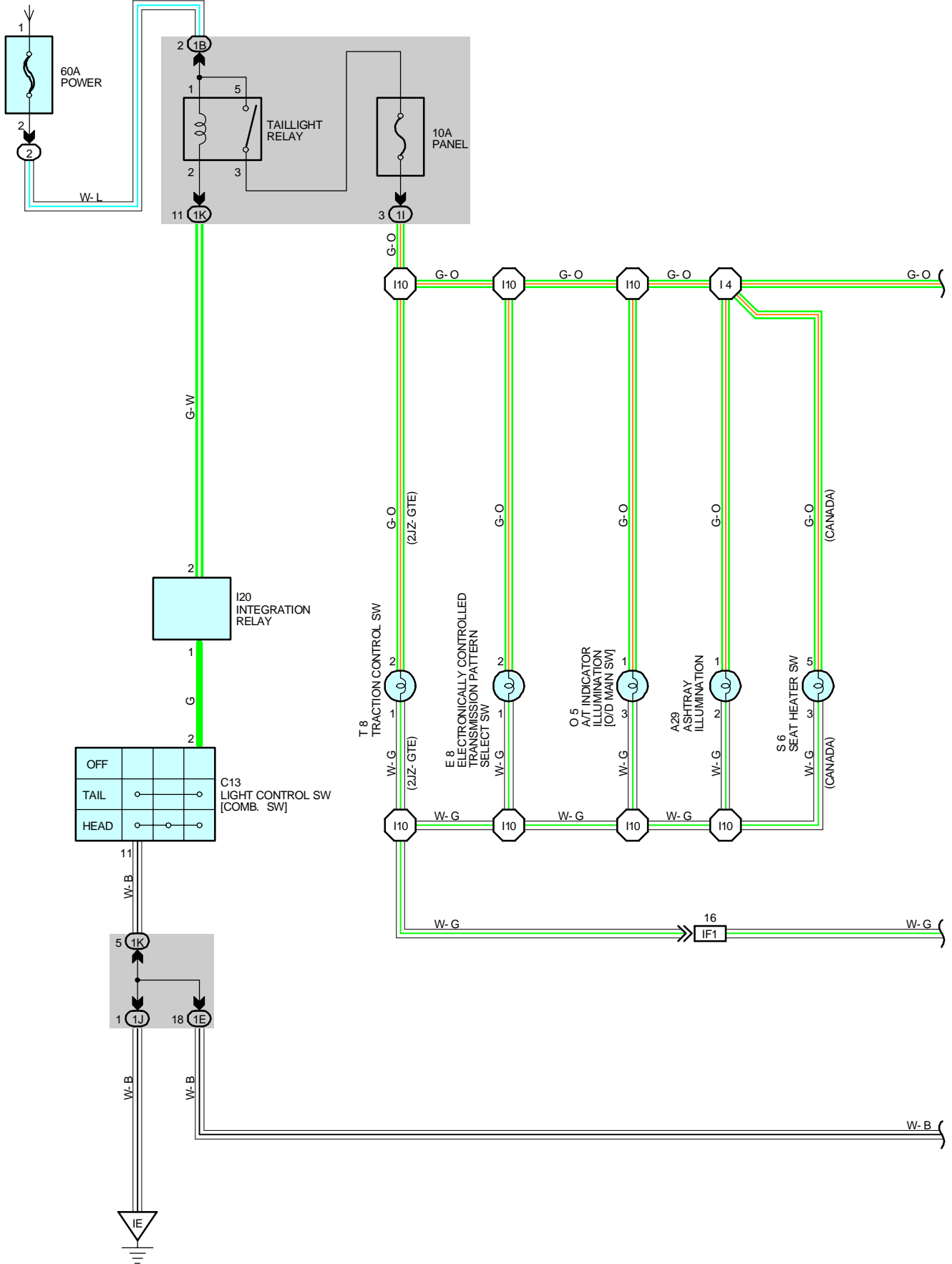
CODE	SEE PAGE	WIRE HARNESS WITH SPLICE POINTS	CODE	SEE PAGE	WIRE HARNESS WITH SPLICE POINTS
B 4	40	FLOOR NO. 2 WIRE	B10	40	BACK DOOR NO. 2 WIRE
B 6					





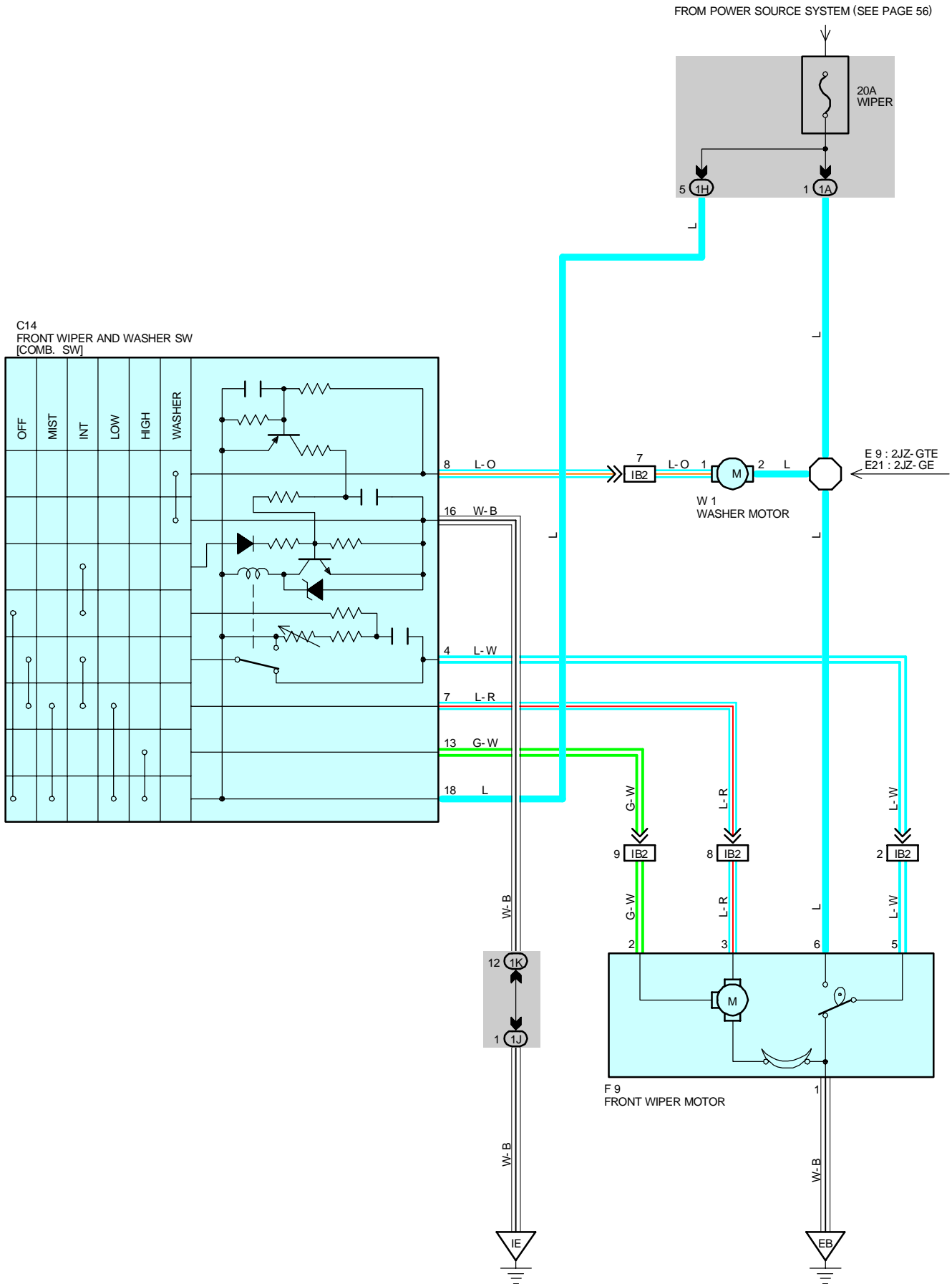
ILLUMINATION

FROM POWER SOURCE SYSTEM (SEE PAGE 56)



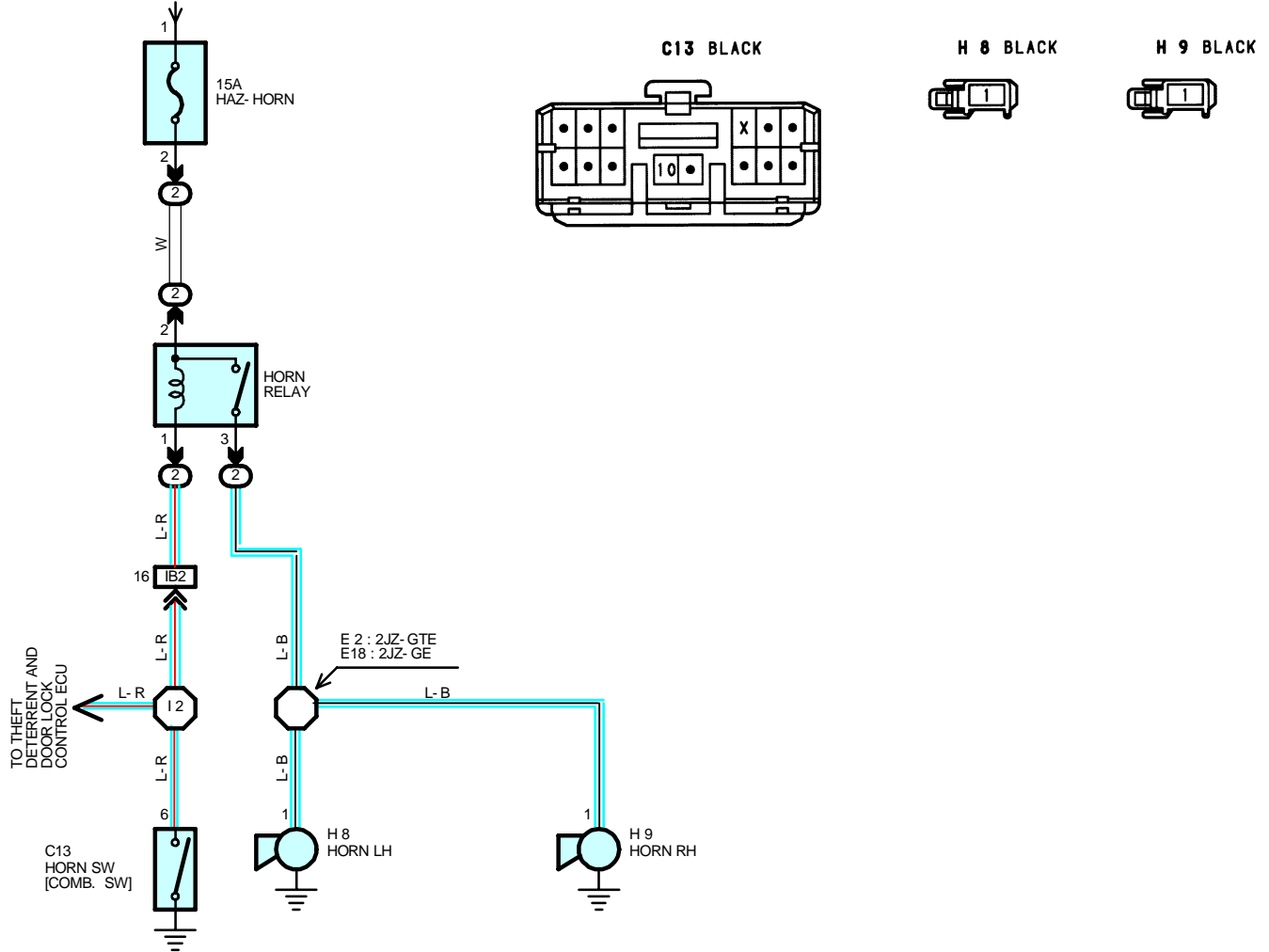


FRONT WIPER AND WASHER





FROM POWER SOURCE SYSTEM (SEE PAGE 56)



SERVICE HINTS

HORN RELAY

(2) 2- (2) 3 : CLOSED WITH THE HORN SW ON

○ : PARTS LOCATION

CODE	SEE PAGE	CODE	SEE PAGE	CODE	SEE PAGE
C13	28	H 8	27 (2JZ-GE)	H 9	27 (2JZ-GE)
H 8	24 (2JZ-GTE)	H 9	24 (2JZ-GTE)		

□ : RELAY BLOCKS

CODE	SEE PAGE	RELAY BLOCKS (RELAY BLOCK LOCATION)
2	22	R/B NO. 2 (ENGINE COMPARTMENT LEFT)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

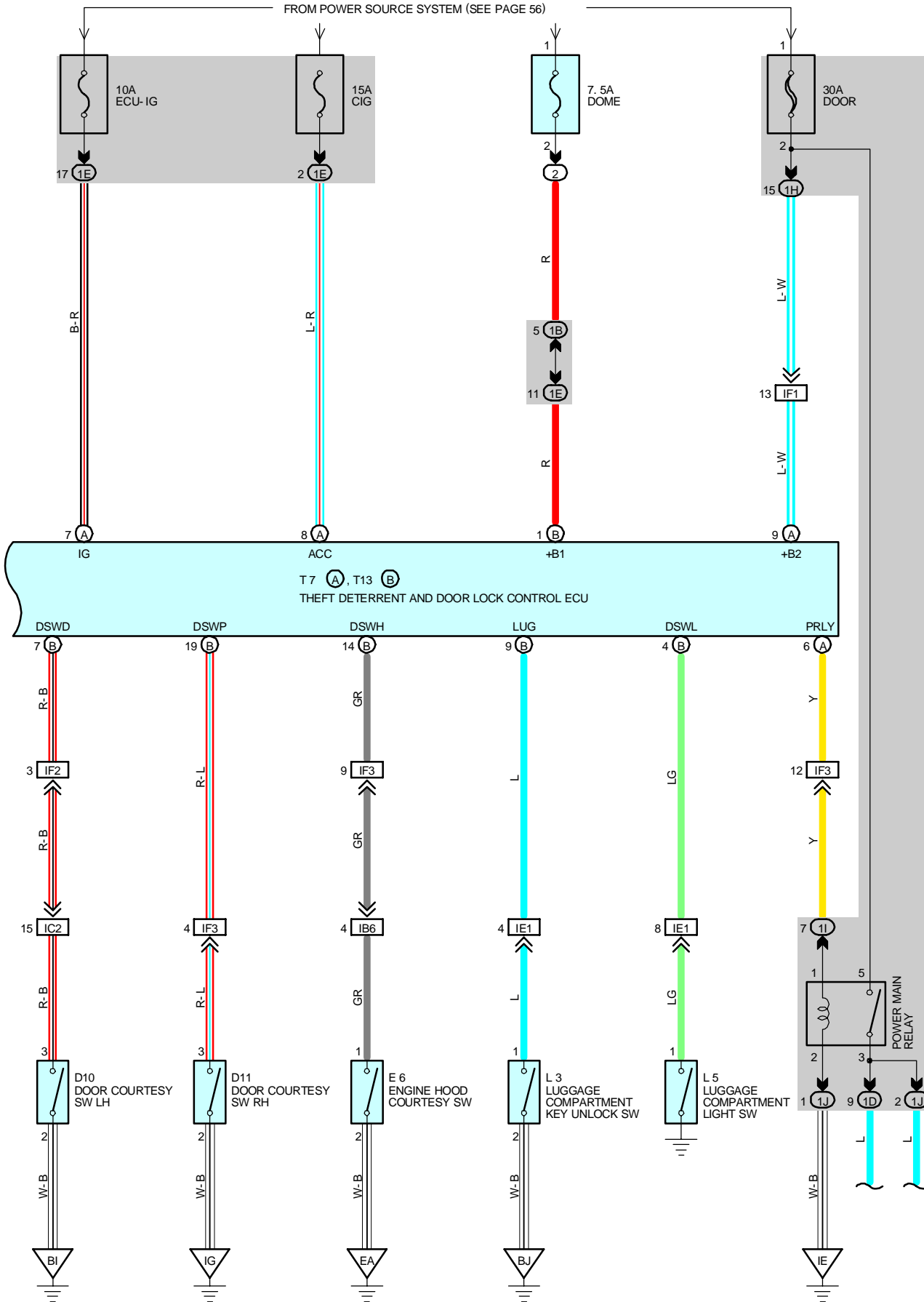
CODE	SEE PAGE	JOINING WIRE HARNESS AND WIRE HARNESS (CONNECTOR LOCATION)
IB2	36	ENGINE ROOM MAIN WIRE AND COWL WIRE (LEFT KICK PANEL)

○ : SPLICE POINTS

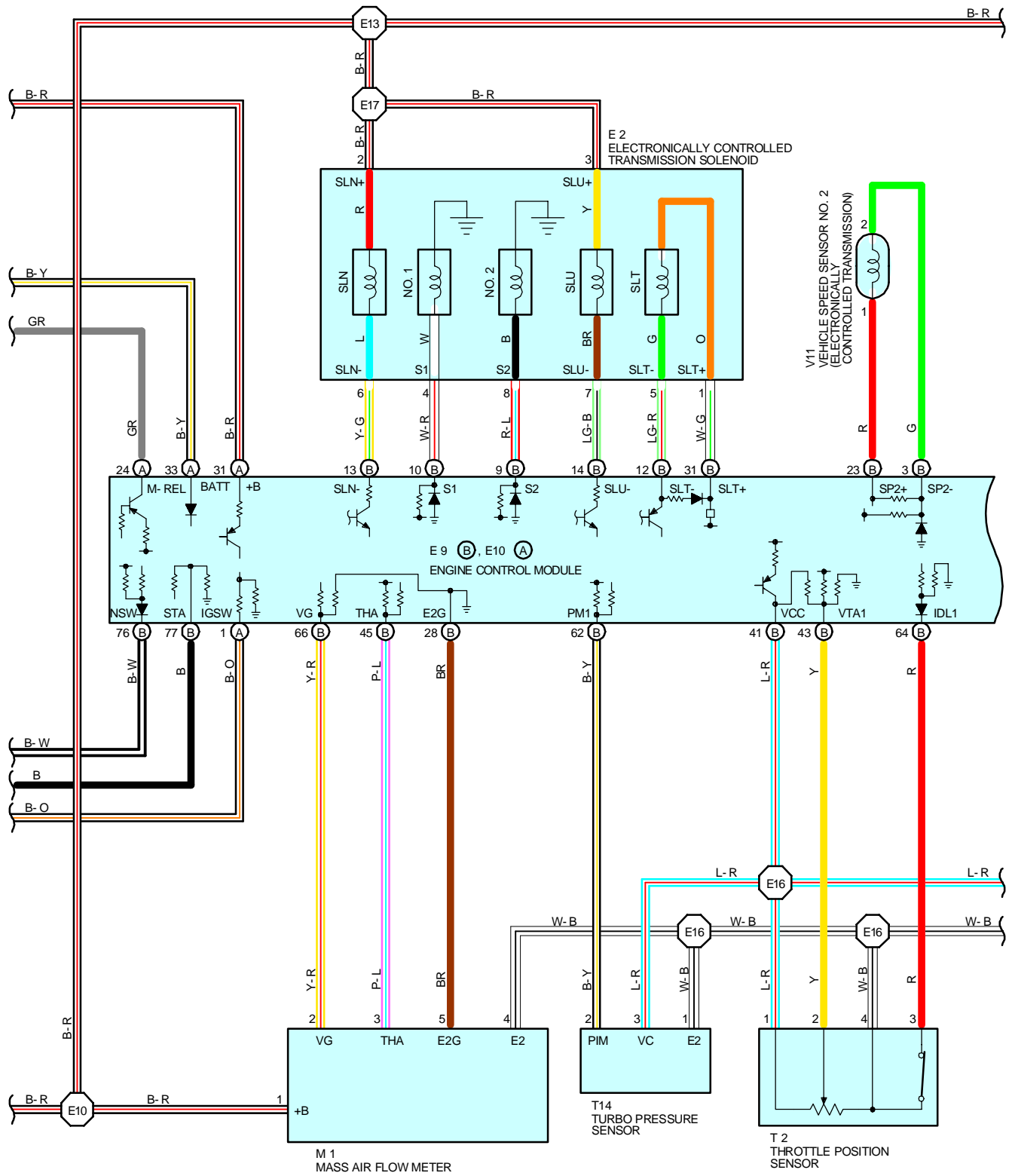
CODE	SEE PAGE	WIRE HARNESS WITH SPLICE POINTS	CODE	SEE PAGE	WIRE HARNESS WITH SPLICE POINTS
E 2	32	ENGINE ROOM MAIN WIRE	I 2	38	COWL WIRE
E 18	34				



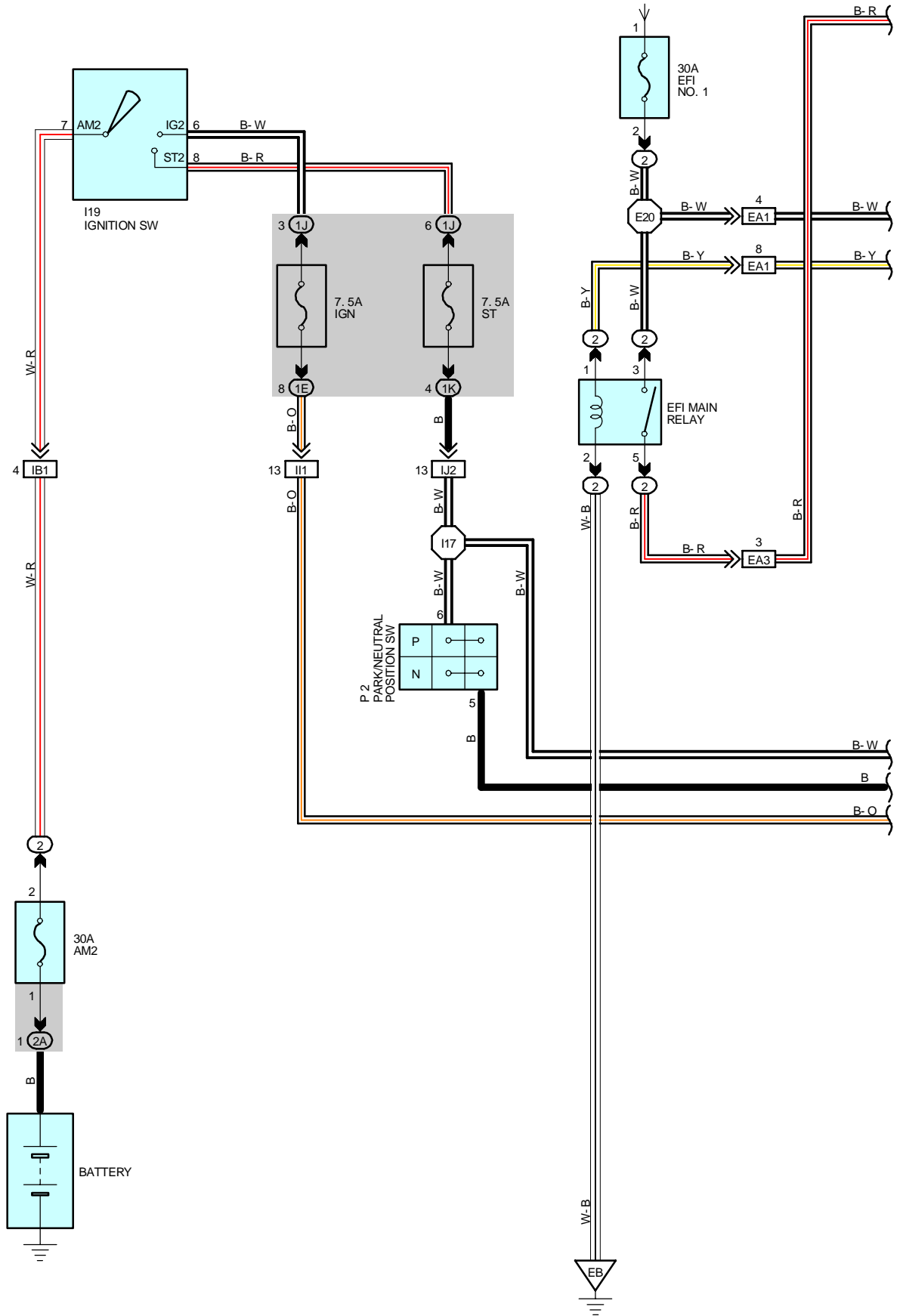
THEFT DETERRENT AND DOOR LOCK CONTROL



AND A/T INDICATOR (2JZ-GTE)



FROM POWER SOURCE SYSTEM (SEE PAGE 56)





UNLOCK AND SEAT BELT WARNING

