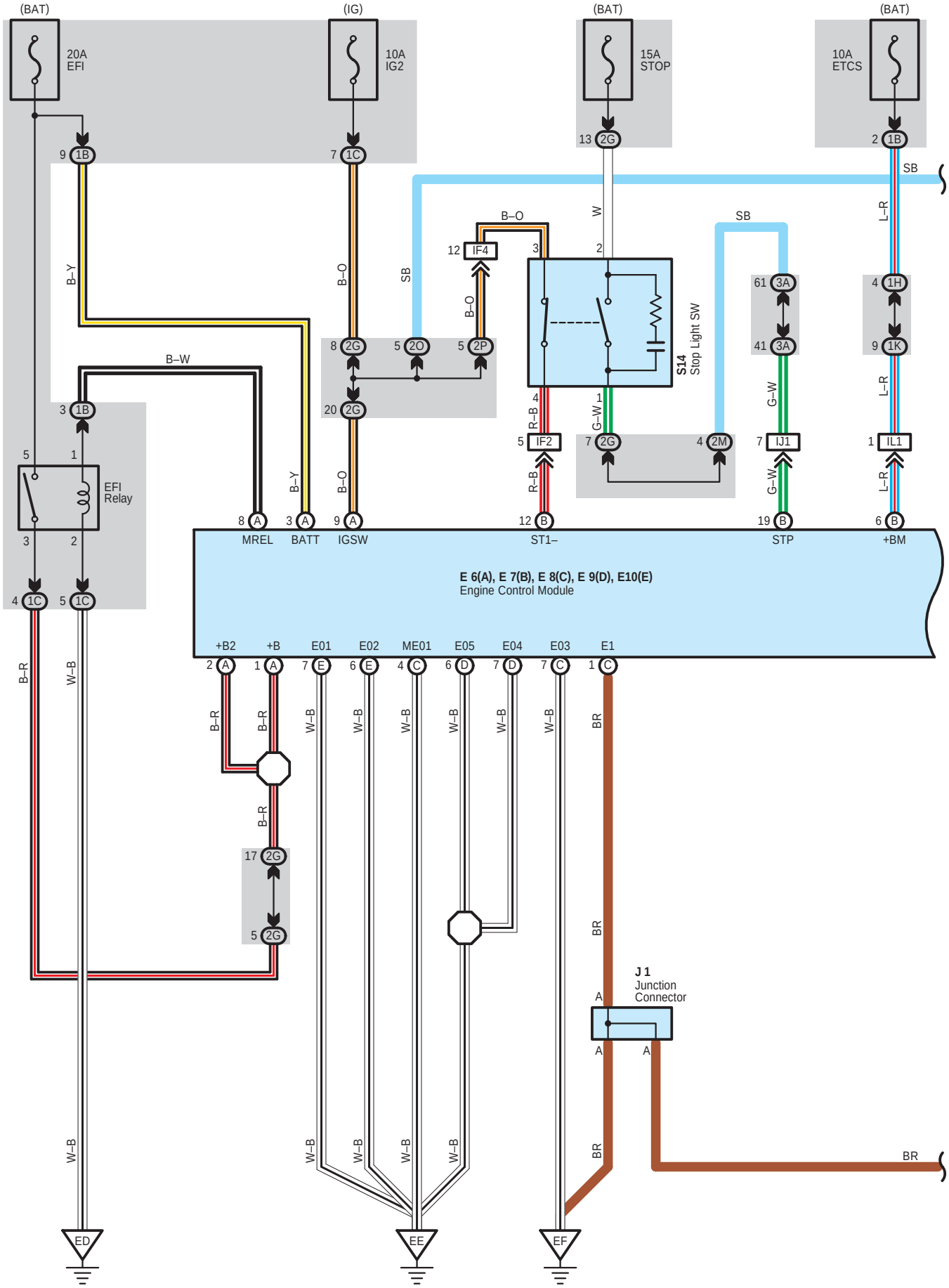
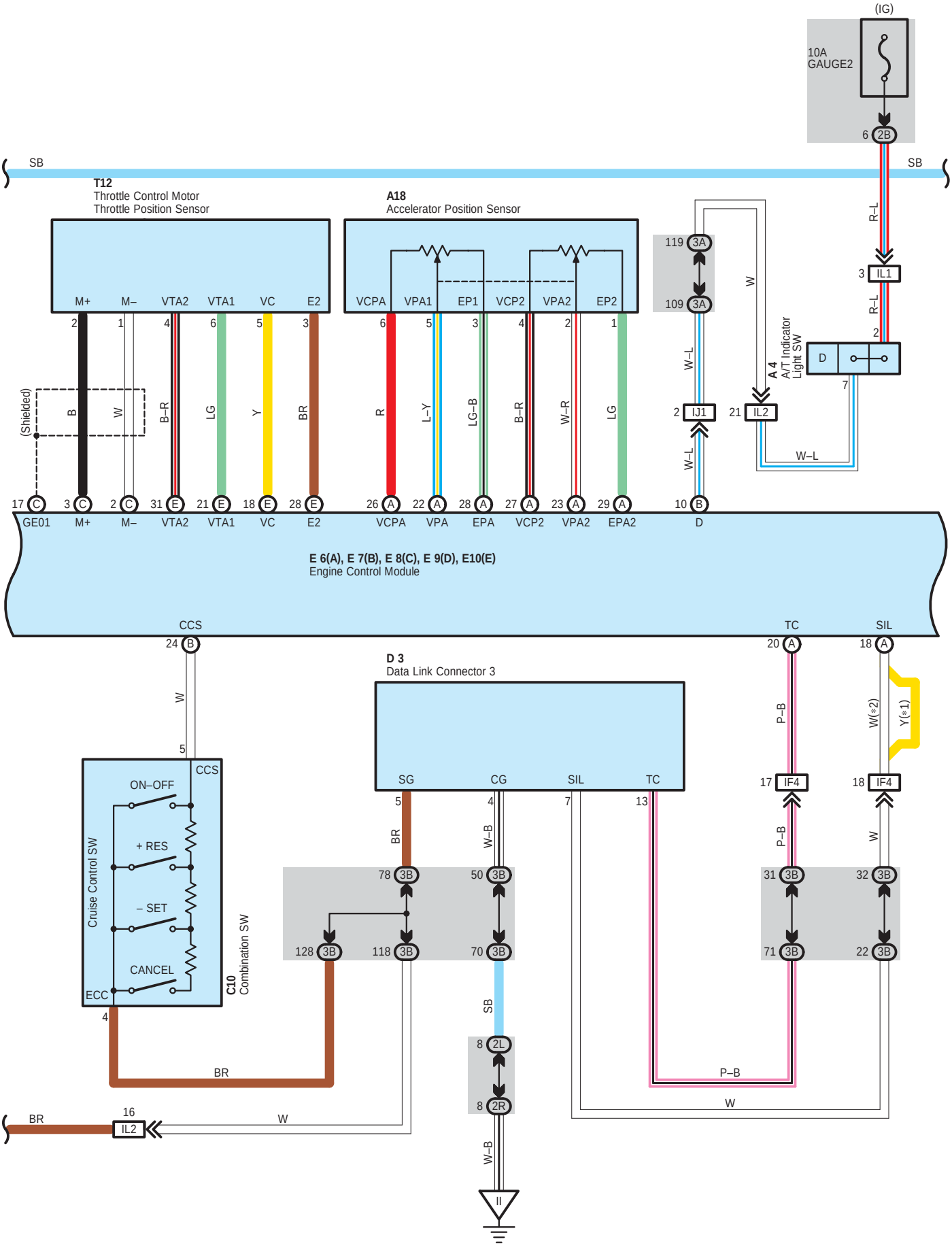
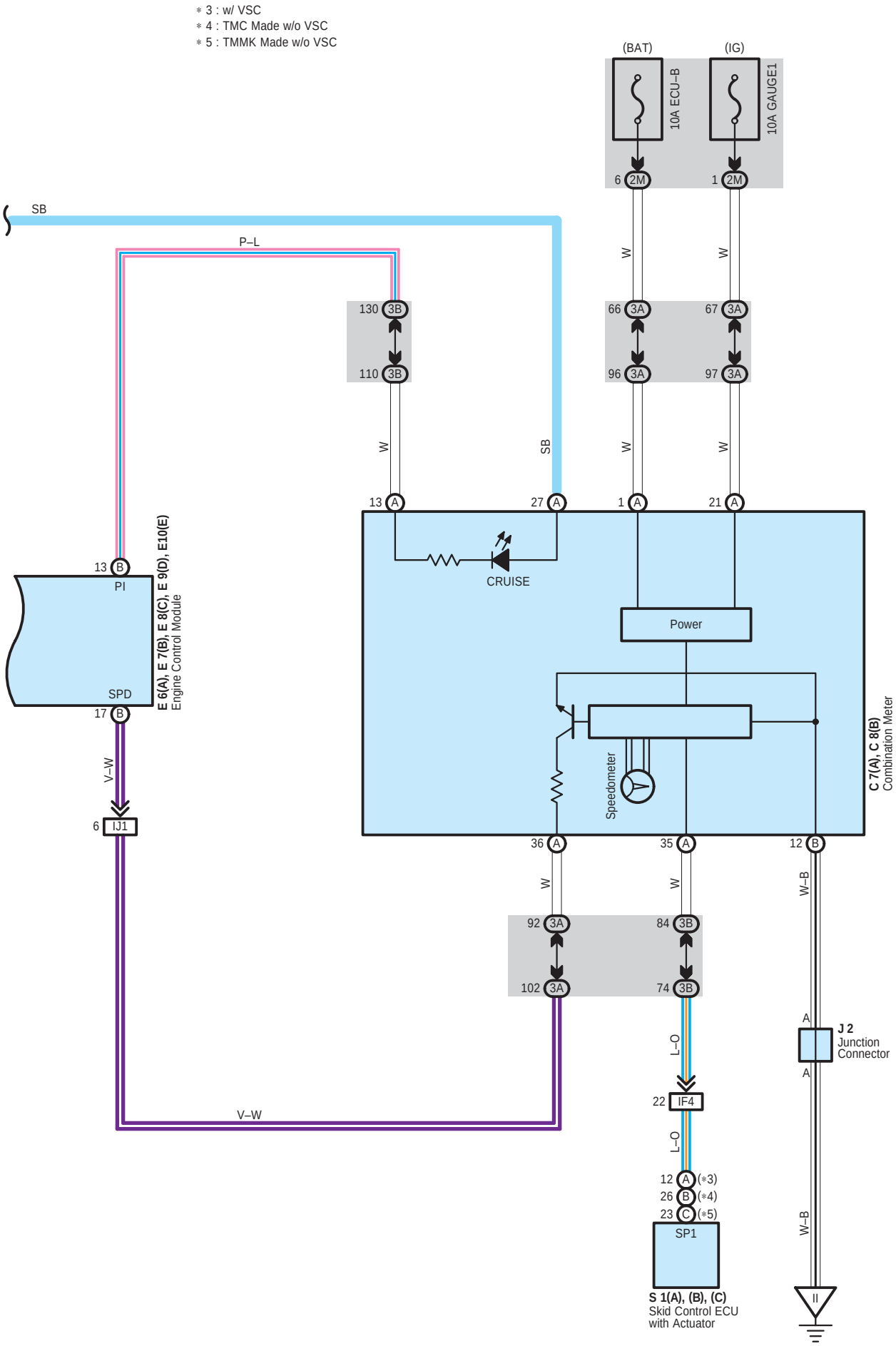

(BAT)
20A
EFI
(IG)
10A
IG2
(BAT)
15A
STOP
(BAT)
10A
ETCS
EFI
Relay
S14
Stop Light SW
MREL
BATT
IGSW
ST1–
STP
+BM
E 6(A), E 7(B), E 8(C), E 9(D), E10(E)
Engine Control Module
+B2
+B
E01
E02
ME01
E05
E04
E03
E1
J 1
Junction
Connector
ED
EE
EF

∗ 1 : TMC Made
∗ 2 : TMMK Made




* 3 : w/ VSC
* 4 : TMC Made w/o VSC
* 5 : TMMK Made w/o VSC
(BAT)
(IG)
10A ECU–B
10A GAUGE1
6 2M
1 2M
SB
P–L
W
130 3B
110 3B
66 3A
96 3A
67 3A
97 3A
SB
13 A
27 A
1 A
21 A
CRUISE
Power
Speedometer
C 7(A), C 8(B)
Combination Meter
13 B
PI
SPD
17 B
E 6(A), E 7(B), E 8(C), E 9(D), E10(E)
Engine Control Module
V–W
6 IJ1
36 A
35 A
12 B
W–B
92 3A
84 3B
102 3A
74 3B
L–O
22 IF4
12 A (*3)
26 B (*4)
23 C (*5)
SP1
S 1(A), (B), (C)
Skid Control ECU
with Actuator
J 2
Junction
Connector
A
V–W

System Outline

The cruise control system is a constant vehicle speed controller in which control of the switch on the instrument panel makes it possible to automatically adjust the opening of the engine throttle valve without depressing of the accel. pedal.

1. Set Operation

When the cruise control main SW is turned on, the system starts preparations necessary for the cruise control and turns on the indicator light in the combination meter.

2. Set Speed Control

When the – SET SW is operated with the cruise control SW turned on during travelling, the constant vehicle speed is controlled.

3. Coast Control

When the – SET SW is kept turned on during cruise control travelling, the engine control module controls the throttle valve to decelerate the vehicle. Every time the – SET SW is turned on instantaneously, the vehicle speed is decelerated approximately 1.6 km/h.

4. Accel Control

When the + RES SW is kept turned on during cruise control travelling, the engine control module controls the throttle valve to accelerate the vehicle. Every time the + RES SW is turned on instantaneously, the vehicle speed is accelerated approximately 1.6 km/h.

5. Resume Control

When the vehicle speed is within the low speed limit (Approximately 40 km/h, 25 mph) if the cruise control is cancelled, use of the + RES SW accelerates the vehicle to the speed level used before canceling the cruise control.

6. Manual Cancel Mechanism

If any of the following signals is input during cruise control travelling, the cruise control is cancelled.

* The stop light SW is turned on.
* The CANCEL SW is turned on.
* The cruise control SW is turned off.
* Gear is shifted from D position to other position than D.

7. Auto Cancel Function

If any of the following conditions is encountered, the cruise control is automatically cancelled.

* The stop light SW wiring is faulty or short–circuited.
* The vehicle speed signal is faulty.
* The electronically controlled throttle malfunctions.

8. Overdrive Control Function

The overdrive control may be cancelled if the vehicle travels on the slope during cruise control travelling. After the overdrive control has been cancelled it is decided that the slope is finished, the vehicle returns to the overdrive control mode again.

○ : Parts Location

Code		See Page	Code		See Page	Code		See Page
A4		38 (*1)	E6	A	42	J2		43
A18		42	E7	B	42	S1	A	39 (*1)
C7	A	42	E8	C	42		B	39 (*1)
C8	B	42	E9	D	42		C	39 (*1)
C10		42	E10	E	42	S14		43
D3		42	J1		43	T12		39 (*1)

* 1 : 1MZ–FE, 3MZ–FE * 2 : 2AZ–FE * 3 : w/ Power Seat * 4 : w/o Power Seat

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1B	25	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
1C		
1H		
1K	25	Engine Wire and Engine Room J/B (Engine Compartment Left)
2B	28	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
2G	28	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
2L	29	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
2M		
2O		
2P		
2R		
3A	34	Instrument Panel Wire and Passenger Side J/B (Instrument Panel Brace RH)
3B		

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IF2	50	Engine Room Main Wire and Instrument Panel Wire (Right Side of Steering Column Tube)
IF4		
IJ1	51	Instrument Panel Wire and Instrument Panel Wire (Instrument Panel Reinforcement RH)
IL1	51	Engine Wire and Instrument Panel Wire (Behind the Glove Box)
IL2		

: Ground Points

Code	See Page	Ground Points Location
ED	48 (*1)	Left Fender
EE	48 (*1)	Left Side of Cylinder Head
EF	48 (*1)	Right Side of Cylinder Head
II	50	Cowl Side Panel LH

* 1 : 1MZ–FE, 3MZ–FE * 2 : 2AZ–FE * 3 : w/ Power Seat * 4 : w/o Power Seat