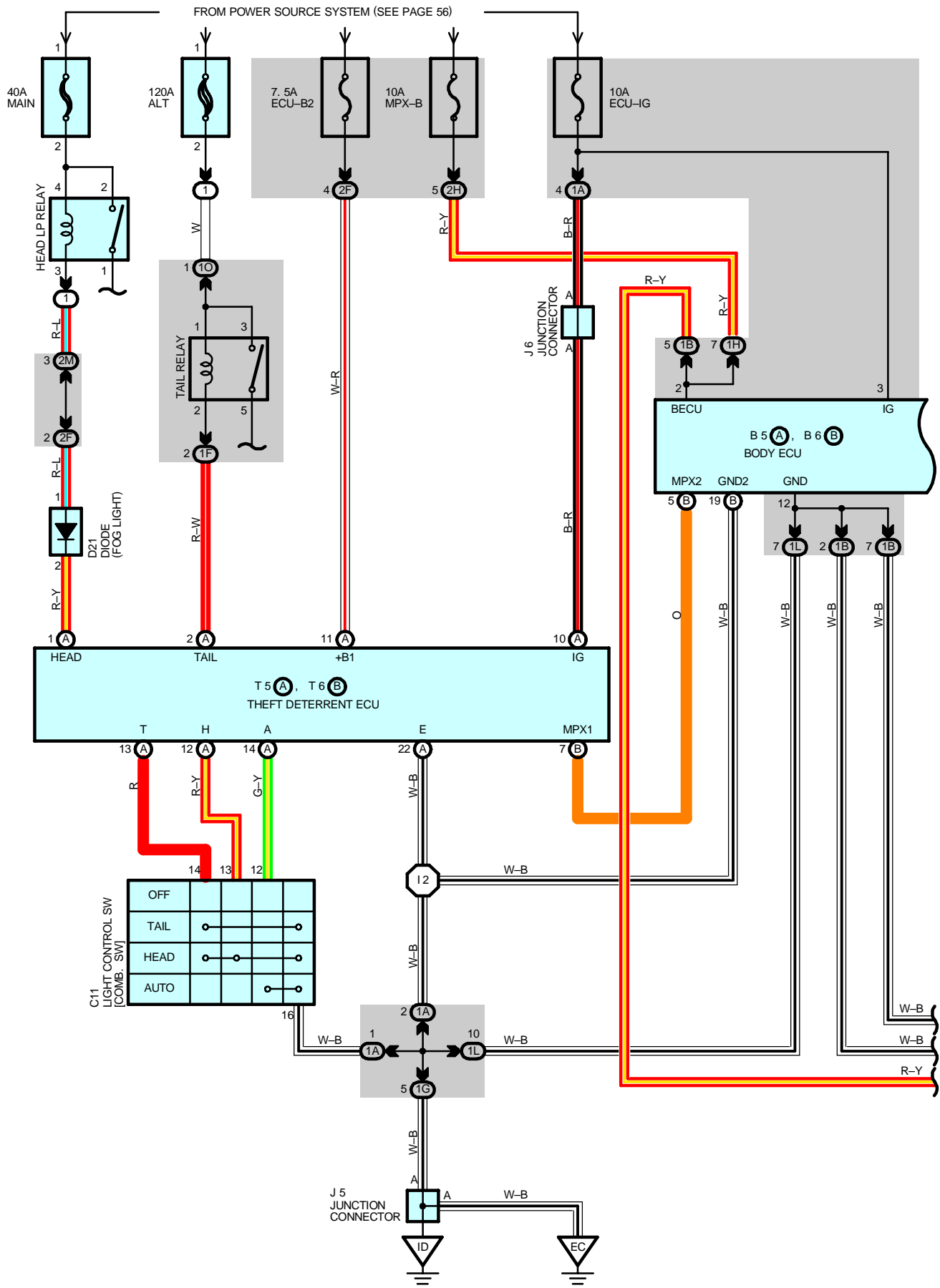
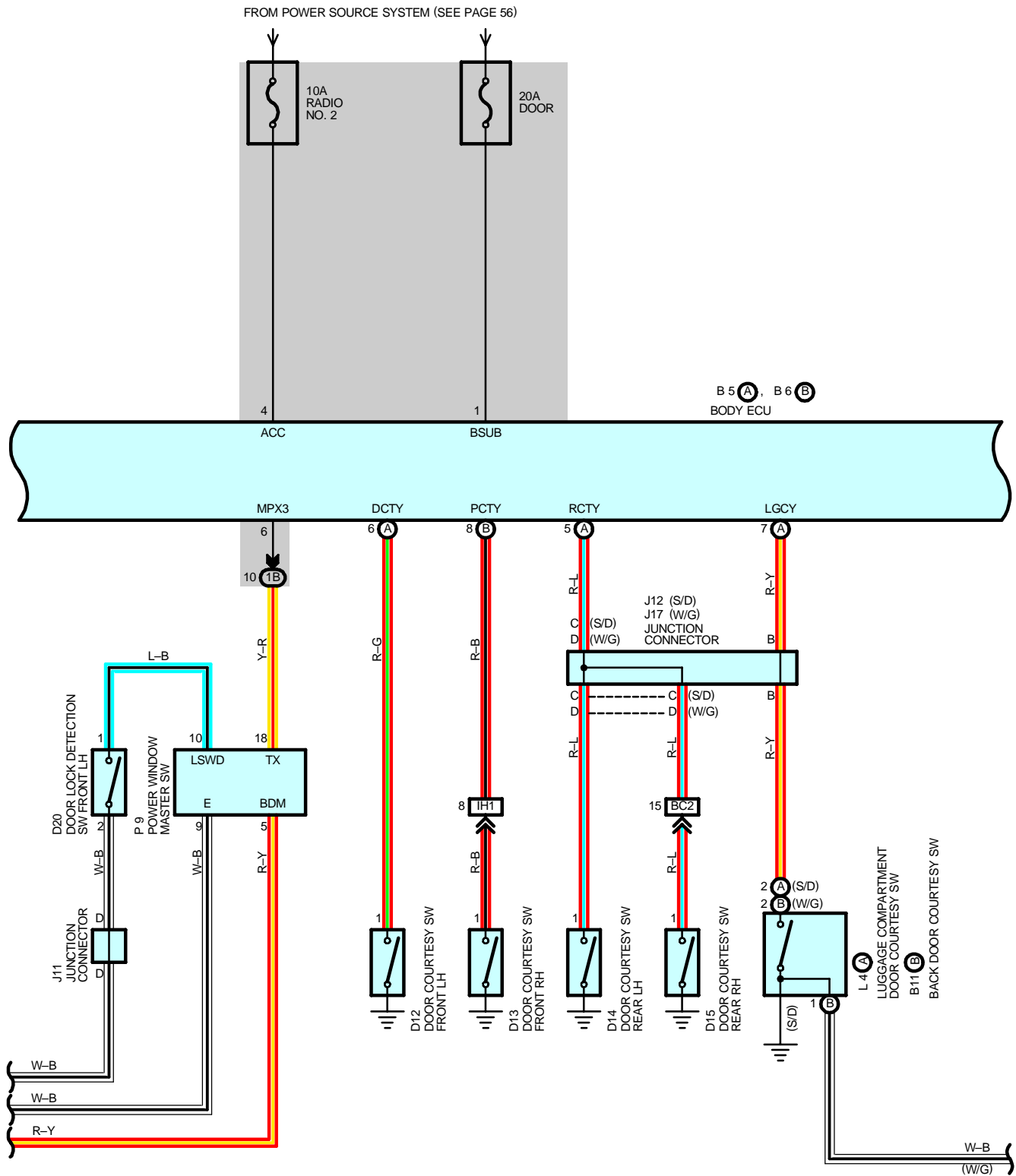
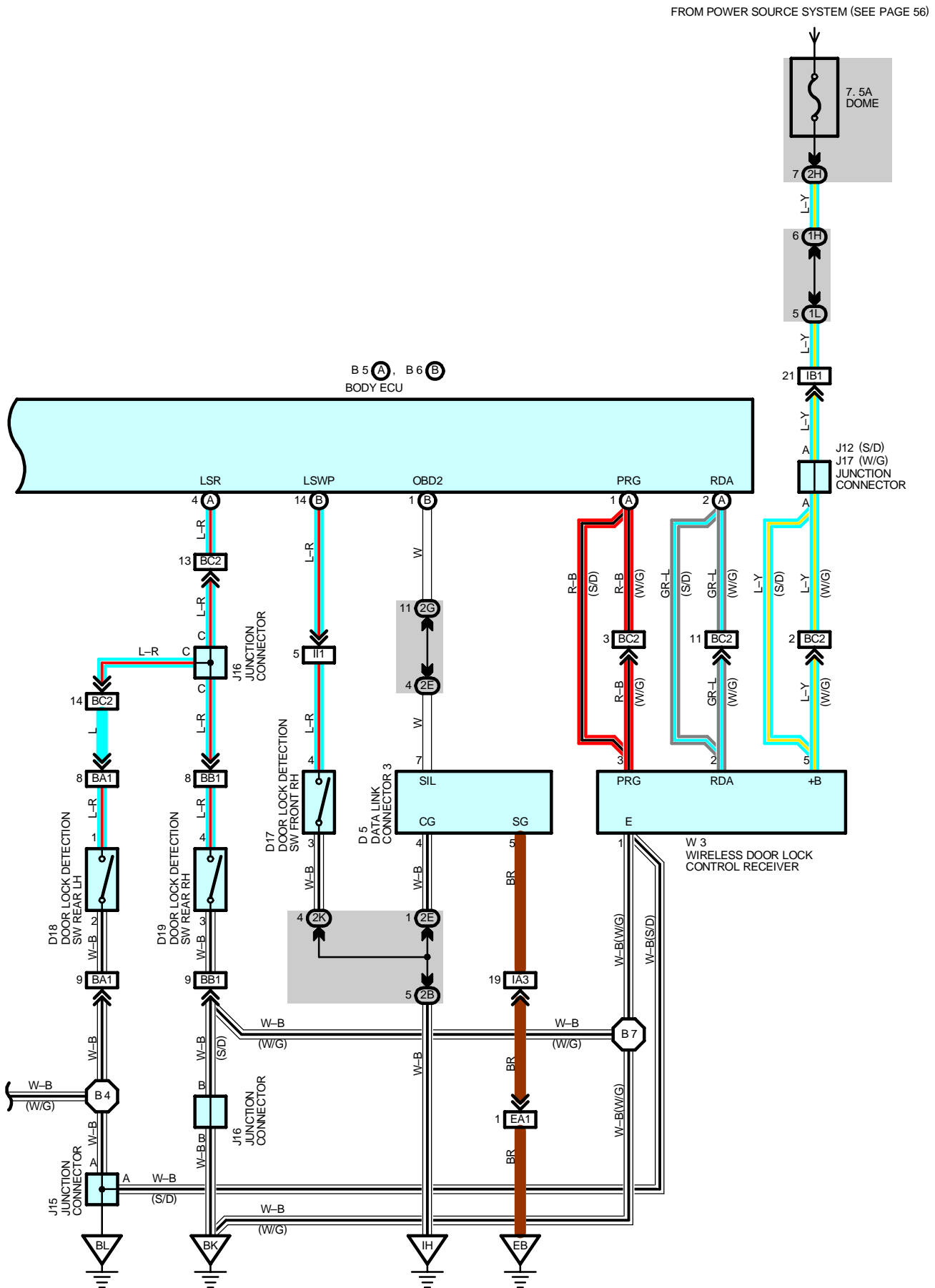


# LIGHT AUTO TURN OFF





# LIGHT AUTO TURN OFF



## SYSTEM OUTLINE

This system automatically turns off the taillights and/or headlights when the driver door is opened and closed to prevent the lights from remaining lit.

### LIGHT AUTO TURN OFF OPERATION

#### \* Taillights ON

If the ignition SW is turned from ON to OFF with the taillights turned on (The light control SW is set at TAIL), the signal is input to TERMINAL IG of the theft deterrent ECU. At this time, if the driver door is opened, the signal is input from the door courtesy SW front LH to TERMINAL DCTY of the body ECU. After that, TERMINAL TAIL of the theft deterrent ECU is controlled through communication control of the body ECU etc. to turn off the TAIL relay. As a result, the current flowing into the taillights is cut off to turn off the taillights.

#### \* Taillights and headlights ON

If the ignition SW is turned from ON to OFF with the taillights and headlights turned on (The light control SW is set at HEAD or AUTO), the signal is input to TERMINAL IG of the theft deterrent ECU. At this time, if any door is opened, the signal is input from the door courtesy SW to the body ECU. During this operation, the taillights and headlights are remained lit. When all doors and the luggage door (S/D) back door (W/G) are closed, the taillights and headlights are turned on for 30 sec. through communication control of the body ECU etc. After the set time has elapsed, a signal is input to TERMINAL TAIL and HEAD of the theft deterrent ECU, to turn off the TAIL relay and HEAD LP relay. As a result, the current flowing into the taillights and headlights is cut off to turn off the taillights and headlights.

If any door is opened during above operation, the taillights and headlights light up for 30 sec. again, and then go off after all the doors have been closed.

Additionally, if the vehicle is locked using the wireless door lock operation (Lock operation) while the taillights and headlights are being turned on for 30 sec., the taillights and headlights go off immediately.

## SERVICE HINTS

### C11 LIGHT CONTROL SW [COMB. SW]

14-16 : Continuity with the light control SW at **TAIL** or **HEAD** position

13-16 : Continuity with the light control SW at **HEAD** position

12-16 : Continuity with the light control SW at **AUTO** position

### T5 (A), T6 (B) THEFT DETERRENT ECU

(A) 11, (B) 1-GROUND : Always approx. **12** volts

(A) 10-GROUND : Approx. **12** volts with the ignition SW at **ON** position

(A) 22-GROUND : Always continuity

## ○ : PARTS LOCATION

Code		See Page	Code	See Page	Code		See Page
B5	A	<a href="#">34</a>	D17	<a href="#">36 (S/D)</a>	J12		<a href="#">36 (S/D)</a>
B6	B	<a href="#">34</a>		<a href="#">38 (W/G)</a>	J15		<a href="#">36 (S/D)</a>
B11	B	<a href="#">38 (W/G)</a>	D18	<a href="#">36 (S/D)</a>			<a href="#">38 (W/G)</a>
C11		<a href="#">34</a>		<a href="#">38 (W/G)</a>	J16		<a href="#">36 (S/D)</a>
D5		<a href="#">34</a>	D19	<a href="#">36 (S/D)</a>			<a href="#">38 (W/G)</a>
D12	<a href="#">36 (S/D)</a>			<a href="#">38 (W/G)</a>	J17		<a href="#">38 (W/G)</a>
	<a href="#">38 (W/G)</a>		D20	<a href="#">36 (S/D)</a>	L4	A	<a href="#">36 (S/D)</a>
D13	<a href="#">36 (S/D)</a>			<a href="#">38 (W/G)</a>	P9		<a href="#">37 (S/D)</a>
	<a href="#">38 (W/G)</a>		D21	<a href="#">34</a>			<a href="#">39 (W/G)</a>
D14	<a href="#">36 (S/D)</a>		J5	<a href="#">35</a>	T5	A	<a href="#">35</a>
	<a href="#">38 (W/G)</a>		J6	<a href="#">35</a>	T6	B	<a href="#">35</a>
D15	<a href="#">36 (S/D)</a>		J11	<a href="#">36 (S/D)</a>	W3		<a href="#">37 (S/D)</a>
	<a href="#">38 (W/G)</a>			<a href="#">38 (W/G)</a>			<a href="#">39 (W/G)</a>

## ○ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
1	22	Engine Room No.1 R/B (Engine Compartment Right)

# LIGHT AUTO TURN OFF



## : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	<a href="#">24</a>	Instrument Panel Wire and Driver Side J/B (Left Kick Panel)
1B	<a href="#">24</a>	Front Door LH Wire and Driver Side J/B (Left Kick Panel)
1F	<a href="#">24</a>	Instrument Panel Wire and Driver Side J/B (Left Kick Panel)
1G	<a href="#">24</a>	Engine Room Main Wire and Driver Side J/B (Left Kick Panel)
1H	<a href="#">24</a>	Instrument Panel Wire and Driver Side J/B (Left Kick Panel)
1L		
1O	<a href="#">24</a>	Engine Room Main Wire and Driver Side J/B (Left Kick Panel)
2B	<a href="#">26</a>	Engine Room Main Wire and Passenger Side J/B (Right Kick Panel)
2E	<a href="#">26</a>	Instrument Panel Wire and Passenger Side J/B (Right Kick Panel)
2F		
2G		
2H		
2K	<a href="#">26</a>	Front Door RH Wire and Passenger Side J/B (Right Kick Panel)
2M	<a href="#">26</a>	Engine Room Main Wire and Passenger Side J/B (Right Kick Panel)



## : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EA1	<a href="#">42</a>	Engine Wire and Engine Room Main Wire (Inside of the ECU Box)
IA3	<a href="#">44</a>	Instrument Panel Wire and Engine Room Main Wire (Near the Driver Side J/B)
IB1	<a href="#">44</a>	Instrument Panel Wire and Floor No.2 Wire (Near the Driver Side J/B)
IH1	<a href="#">46</a>	Instrument Panel Wire and Floor Wire (Near the Passenger Side J/B)
II1	<a href="#">46</a>	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
BA1	<a href="#">48 (S/D)</a>	Rear Door No.2 Wire and Floor No.2 Wire (Left Center Pillar)
	<a href="#">50 (W/G)</a>	
BB1	<a href="#">48 (S/D)</a>	Rear Door No.1 Wire and Floor Wire (Right Center Pillar)
	<a href="#">50 (W/G)</a>	
BC2	<a href="#">48 (S/D)</a>	Floor No.2 Wire and Floor Wire (Rear Floor Partition Panel RH)
	<a href="#">50 (W/G)</a>	Floor No.2 Wire and Floor Wire (Rear Floor Partition Panel Center)



## : GROUND POINTS

Code	See Page	Ground Points Location
EB	<a href="#">42</a>	Center Side of the Intake Manifold
EC	<a href="#">42</a>	Left Fender Apron
ID	<a href="#">44</a>	Cowl Side Panel LH
IH	<a href="#">44</a>	Cowl Side Panel RH
BK	<a href="#">48 (S/D)</a>	Front Floor Panel RH
	<a href="#">50 (W/G)</a>	
BL	<a href="#">48 (S/D)</a>	Left Quarter Panel LH
	<a href="#">50 (W/G)</a>	



## : SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I2	<a href="#">46</a>	Instrument Panel Wire	B7	<a href="#">50 (W/G)</a>	Floor Wire
B4	<a href="#">50 (W/G)</a>	Floor No.2 Wire			

