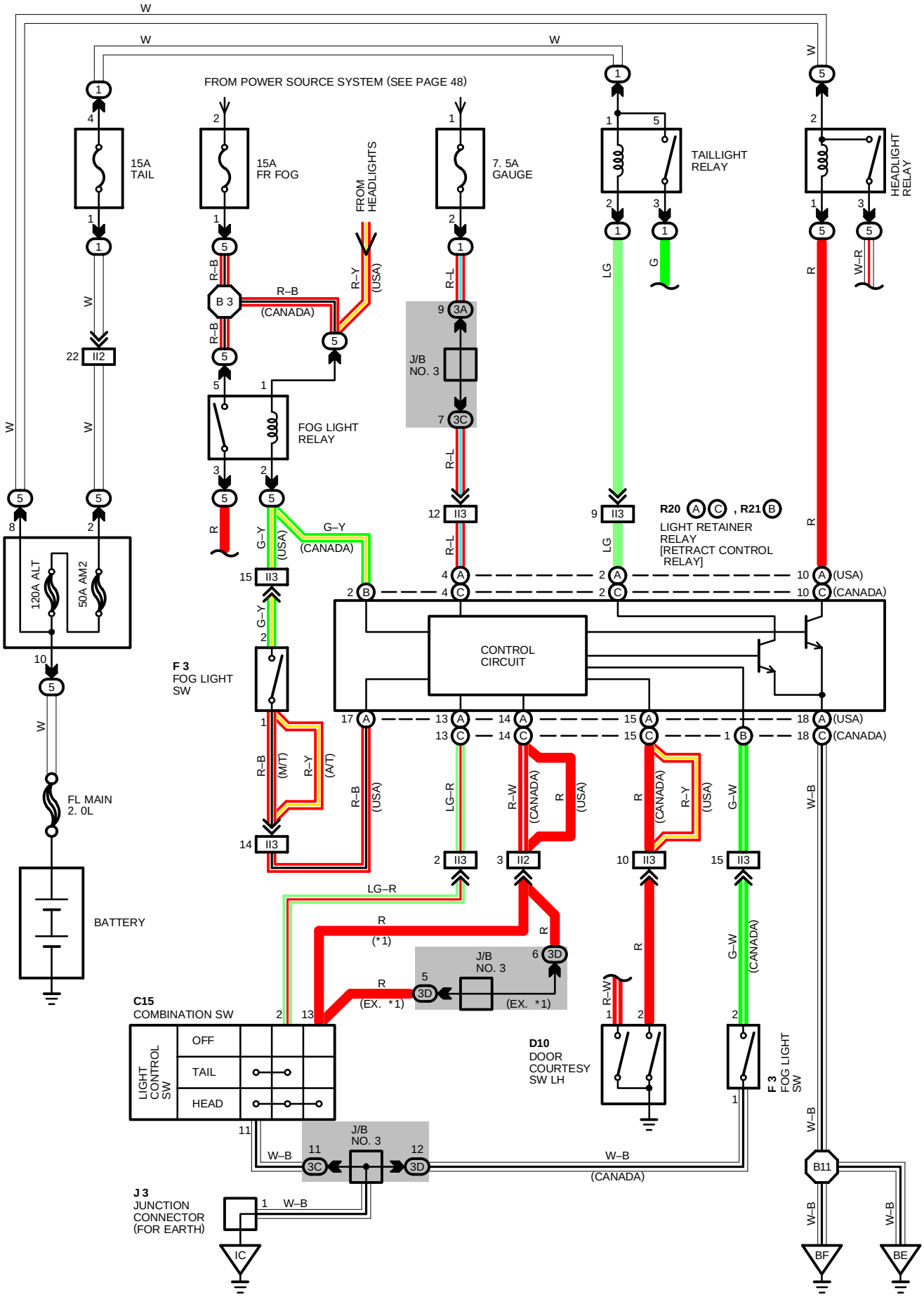
LIGHT AUTO TURN OFF

*1 : CANADA
USA (A/T)
USA (M/T) WITH CRUISE CONTROL, ABS, POWER WINDOW OR WOOFER SPEAKER



SYSTEM OUTLINE

WITH THE IGNITION SW TURNED ON, THE CURRENT FLOWS TO **TERMINAL (A) 4** (CANADA), (F) 4 (USA) OF THE RETRACT CONTROL REALY THROUGH **ECU–IG** FUSE.

VOLTAGE IS APPLIED AT ALL TIMES TO **TERMINAL (A) 2** (CANADA), **(F) 2** (USA) OF THE RETRACT CONTROL REALY. THROUGH THE TAILLIGHT RELAY COIL, AND TO **TERMINAL (A) 10** (CANADA), **(F) 10** (USA) THROUGH THE HEADLIGHT RELAY COIL.

1. NORMAL LIGHTING OPERATION

<TURN TAILLIGHT ON>

WITH LIGHT CONTROL SW TURNED TO **TAILLIGHT** POSITION, A SIGNAL IS INPUT INTO **TERMINAL (A) 13** (CANADA), **(F) 13** (USA) OF THE RETRACT CONTROL RELAY. ACCORDING TO THIS SIGNAL, THE CURRENT FLOWING TO **TERMINAL (A) 2** (CANADA), **(F) 2** (USA) OF THE RELAY FLOWS FROM **TERMINAL (A) 18** (CANADA), **(F) 18** (USA) → TO **GROUND** AND TAILLIGHT RELAY CAUSES TAILLIGHT TO TURN ON.

<TURN HEADLIGHT ON>

WITH LIGHT CONTROL SW TURNED TO **HEADLIGHT** POSITION, A SIGNAL IS INPUT INTO **TERMINALS (A) 13** (CANADA), **(F) 13** (USA) AND **(A) 14** (CANADA), **(F) 14** (USA) OF THE RETRACT CONTROL REALY. ACCORDING TO THIS SIGNAL, THE CURRENT FLOWING TO **TERMINAL (A) 10** (CANADA), **(F) 10** (USA) OF THE RELAY FLOWS TO **TERMINAL (A) 18** (CANADA), **(F) 18** (USA) → TO **GROUND** IN THE HEADLIGHT CIRCUIT, AND CAUSES TAILLIGHT AND HEADLIGHT RELAY TO TURN THE LIGHT ON. THE TAILLIGHT CIRCUIT IS SAME AS ABOVE.

2. LIGHT AUTO TURN OFF OPERATION

WITH LIGHTS ON AND IGNITION SW TURNED OFF (INPUT SIGNAL GOES TO **TERMINAL (A) 4** (CANADA), **(F) 4** (USA) OF THE RELAY), WHEN DOOR ON DRIVER'S SIDE IS OPENED (INPUT SIGNAL GOES TO **TERMINAL (A) 15** (CANADA), **(F) 15** (USA) OF THE RELAY), THE RELAY OPERATES AND THE CURRENT IS CUT OFF WHICH FLOWS FROM **TERMINAL (A) 2** (CANADA), **(F) 2** (USA) OF THE RELAY TO **TERMINAL (A) 18** (CANADA), **(F) 18** (USA) IN TAILLIGHT CIRCUIT AND FROM **TERMINAL (A) 10** (CANADA), **(F) 10** (USA) TO **TERMINAL (A) 18** (CANADA), **(F) 18** (USA) IN THE HEADLIGHT CIRCUIT.

AS A RESULT, ALL LIGHTS ARE TURNED OFF AUTOMATICSLLY.

SERVICE HINTS

R20 (A) LIGHT RETAINER RELAY [RETRACT CONTROL RELAY] (USA)

(A) 4–GROUND : APPROX. **12** VOLTS WITH IGNITION SW AT **ON** POSITION
(A) 2–GROUND : ALWAYS APPROX. **12** VOLTS
(A)10–GROUND : ALWAYS APPROX. **12** VOLTS
(A)15–GROUND : CONTINUITY WITH DRIVER'S DOOR OPEN
(A)18–GROUND : ALWAYS CONTINUITY
(A)13–GROUND : CONTINUITY WITH LIGHT CONTROL SW AT **TAIL** OR **HEAD** POSITION
(A)14–GROUND : CONTINUITY WITH LIGHT CONTROL SW AT **HEAD** POSITION
(A)17–GROUND : APPROX. **12** VOLTS WITH LIGHT CONTROL SW AT **HEAD** POSITION, DIMMER SW AT **LOW** POSITION AND FOG LIGHT SW ON

R20 (C), R21(B) LIGHT RETAINER RELAY [RETRACT CONTROL RELAY] (CANADA)

(C) 4–GROUND : APPROX. **12** VOLTS WITH IGNITION SW AT **ON** POSITION
(C) 2–GROUND : ALWAYS APPROX. **12** VOLTS
(C)10–GROUND : ALWAYS APPROX. **12** VOLTS
(C)15–GROUND : CONTINUITY WITH DRIVER'S DOOR OPEN
(C)18–GROUND : ALWAYS CONTINUITY
(C)13–GROUND : CONTINUITY WITH LIGHT CONTROL SW AT **TAIL** OR **HEAD** POSITION
(C)14–GROUND : CONTINUITY WITH LIGHT CONTROL SW AT **HEAD** POSITION
(B) 1–GROUND : CONTINUITY WITH FOG LIGHT SW ON
(B) 2–GROUND : ALWAYS APPROX. **12** VOLTS

LIGHT AUTO TURN OFF

: PARTS LOCATION

CODE	SEE PAGE	CODE		SEE PAGE	CODE		SEE PAGE
C15	26	**J 3**		26	**R21**	B	27
D10	27	**R20**	A	27			
F 3	26		C	27			

: RELAY BLOCKS

CODE	SEE PAGE	RELAY BLOCKS (RELAY BLOCK LOCATION)
1	20	R/B NO. 1 (LEFT KICK PANEL)
5	21	R/B NO. 5 (FRONT LUGGAGE COMPARTMENT RIGHT)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

CODE	SEE PAGE	JUNCTION BLOCK AND WIRE HARNESS (CONNECTOR LOCATION)
3A	22	COWL WIRE AND J/B NO. 3 (BEHIND COMBINATION METER)
3C		
3D		

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

CODE	SEE PAGE	JOINING WIRE HARNESS AND WIRE HARNESS (CONNECTOR LOCATION)
II2	34	LUGGAGE ROOM WIRE AND COWL WIRE (RIGHT KICK PANEL)
II3	34	COWL WIRE AND LUGGAGE ROOM WIRE (RIGHT KICK PANEL)

: GROUND POINTS

CODE	SEE PAGE	GROUND POINTS LOCATION
IC	32	INSTRUMENT PANEL BRACE LH
BE	32	FRONT RIGHT FENDER
BF	34	FRONT LEFT FENDER

: SPLICE POINTS

CODE	SEE PAGE	WIRE HARNESS WITH SPLICE POINTS	CODE	SEE PAGE	WIRE HARNESS WITH SPLICE POINTS
B 3	36	LUGGAGE ROOM WIRE	**B11**	36	LUGGAGE ROOM WIRE