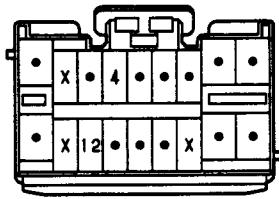
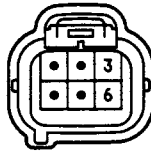




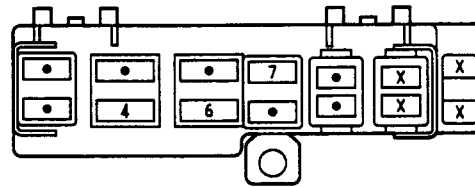
C15



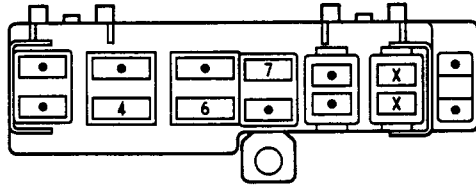
D16 GRAY



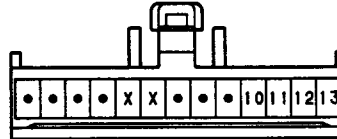
(1UZ-FE) F 9



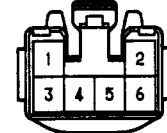
(2JZ-GE) F 9



I16



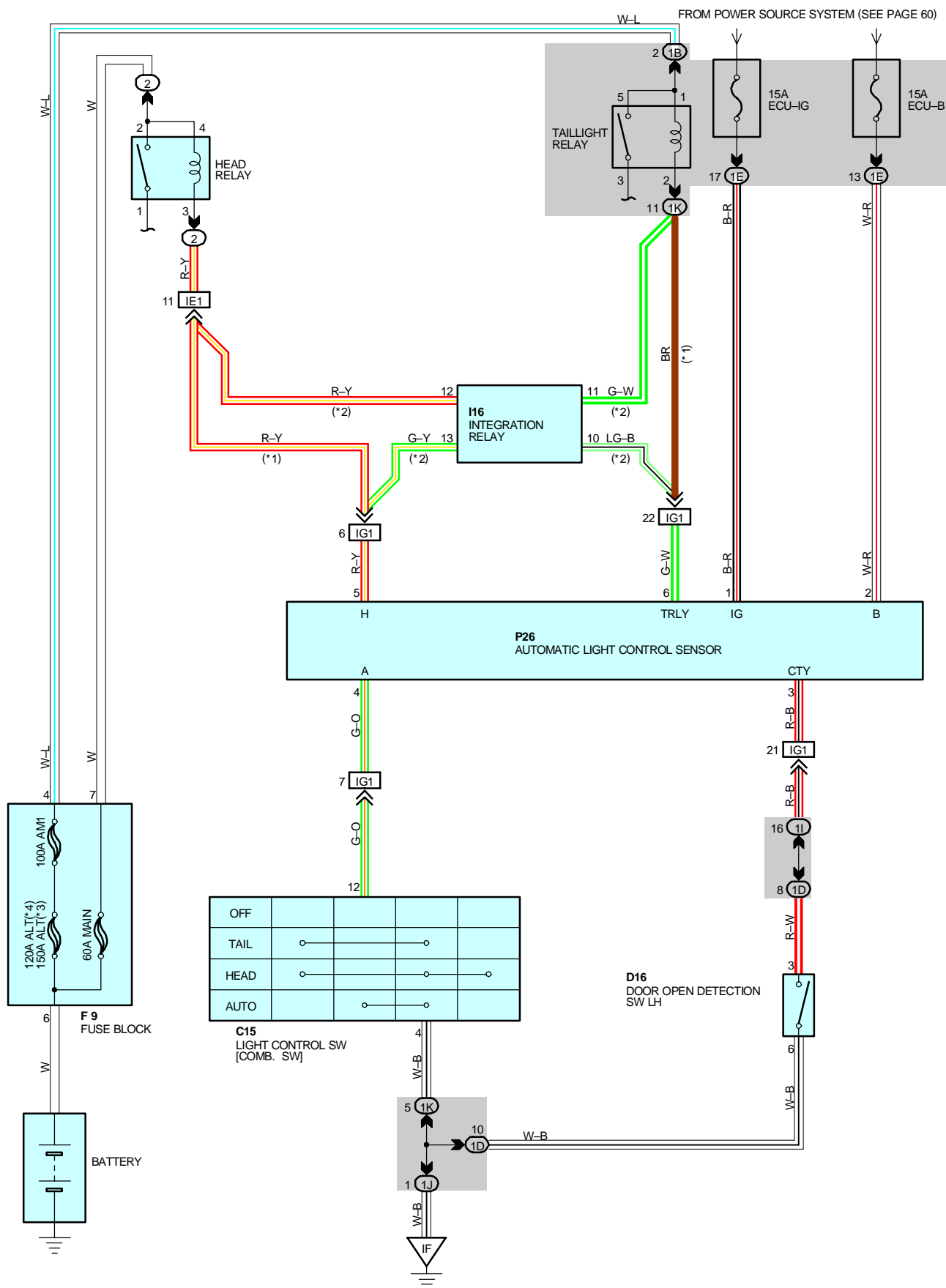
P26





AUTOMATIC LIGHT CONTROL

*1 : USA *3 : 1UZ-FE
*2 : CANADA *4 : 2JZ-GE



SYSTEM OUTLINE

WITH THE IGNITION SW TURNED ON, CURRENT FLOWS TO **TERMINAL 1** OF THE AUTOMATIC LIGHT CONTROL SENSOR THROUGH **ECU-IG** FUSE. VOLTAGE IS APPLIED AT ALL TIMES TO **TERMINAL 6** OF THE AUTOMATIC LIGHT CONTROL SENSOR THROUGH THE TAILLIGHT RELAY (COIL SIDE), AND TO **TERMINAL 5** OF THE SENSOR THROUGH THE HEAD RELAY (COIL SIDE).

AUTOMATIC LIGHT CONTROL

WHEN THE LIGHT CONTROL SW IS IN AUTO POSITION, IF THE AUTOMATIC LIGHT CONTROL SENSOR DETECTS A DECREASE IN THE AMBIENT LIGHT (TO BETWEEN **80** AND **450** LUX), THE AUTOMATIC LIGHT CONTROL SENSOR IS ACTIVATED. ABOUT **5** SECONDS AFTER IT IS ACTIVATED, CURRENT FLOWS FROM **TERMINAL 4** OF THE SENSOR TO **TERMINAL 12** OF THE LIGHT CONTROL SW → **TERMINAL 4** → **GROUND**, LIGHTING UP THE HEADLIGHTS AND TAILLIGHTS.

IF THE AMBIENT LIGHT DROPS BELOW **80** LUX, THE AUTOMATIC LIGHT CONTROL SENSOR IS ACTIVATED AND ABOUT **4** SECONDS LATER CURRENT FLOWS FROM **TERMINAL 4** OF THE SENSOR TO **TERMINAL 12** OF THE LIGHT CONTROL SW → **TERMINAL 4** → **GROUND**, LIGHTING UP THE HEADLIGHTS AND TAILLIGHTS.

WHEN THE LIGHT CONTROL SW IS IN AUTO POSITION AND ACTIVATION OF THE AUTOMATIC LIGHT CONTROL SENSOR HAS TURNED ON THE HEADLIGHT AND TAILLIGHTS, IF THE AUTOMATIC LIGHT CONTROL SENSOR DETECTS THE AMBIENT LIGHT ABOVE **950** LUX, THE SENSOR IS TURNED OFF AFTER ABOUT **5** SECONDS. SO THE CURRENT FROM **TERMINAL 4** OF THE SENSOR TO **TERMINAL 12** OF THE LIGHT CONTROL SW IS CUT OFF, AND THE HEADLIGHT AND TAILLIGHTS TURN OFF.

SERVICE HINTS

P26 AUTOMATIC LIGHT CONTROL SENSOR

2-GROUND : ALWAYS APPROX. **12** VOLTS

1-GROUND : APPROX. **12** VOLTS WITH THE IGNITION SW AT **ON** POSITION

4-GROUND : CONTINUITY WITH LIGHT CONTROL SW AT **AUTO** POSITION

3-GROUND : CONTINUITY WITH DRIVER'S DOOR OPEN

: PARTS LOCATION

| CODE | SEE PAGE | CODE | SEE PAGE | CODE | SEE PAGE |
|------|--------------------|------|---------------------------------------|------|--------------------|
| C15 | 30 | F 9 | 36(1UZ-FE),28(2JZ-GE) | P26 | 31 |
| D16 | 32 | I16 | 31 | | |

: RELAY BLOCKS

| CODE | SEE PAGE | RELAY BLOCKS (RELAY BLOCK LOCATION) |
|------|--------------------|-------------------------------------|
| 2 | 19 | R/B NO.2 (ENGINE COMPARTMENT LEFT) |

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

| CODE | SEE PAGE | JUNCTION BLOCK AND WIRE HARNESS (CONNECTOR LOCATION) |
|------|--------------------|--|
| 1B | 20 | ENGINE ROOM MAIN WIRE AND J/B NO.1 (LEFT KICK PANEL) |
| 1D | 20 | FRONT DOOR LH WIRE AND J/B NO.1 (LEFT KICK PANEL) |
| 1E | 20 | INSTRUMENT PANEL WIRE AND J/B NO.1 (LEFT KICK PANEL) |
| 1I | 20 | COWL WIRE AND J/B NO.1 (LEFT KICK PANEL) |
| 1J | | |
| 1K | | |

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

| CODE | SEE PAGE | JOINING WIRE HARNESS AND WIRE HARNESS (CONNECTOR LOCATION) |
|------|--------------------|--|
| IE1 | 40 | ENGINE ROOM MAIN WIRE AND COWL WIRE (R/B NO.4) |
| IG1 | 40 | INSTRUMENT PANEL WIRE AND COWL WIRE (R/B NO.5) |

: GROUND POINTS

| CODE | SEE PAGE | GROUND POINTS LOCATION |
|------|--------------------|------------------------|
| IF | 40 | LEFT KICK PANEL |