

This wiring diagram illustrates the electrical system for the 2002 Saturn ION, showing connections between various components and junctions. The diagram is organized into several sections, with components listed on the left and right, and junctions (J10, J11, J12) in the center.

**Left Side Components:**

- CRUISE CONTROL ECU
- COMBINATION SW (ECC)
- CRUISE CONTROL ACTUATOR
- MOON ROOF CONTROL RELAY AND MOTOR
- MOON ROOF CONTROL SW AND PERSONAL LIGHT
- CIGARETTE LIGHTER
- A/C SW
- HAZARD SW
- A/T SHIFT LEVER (ILLUMINATION [O/D MAIN SW])
- RADIO AND PLAYER
- MIR HTR RELAY
- BODY ECU
- IG1 RELAY
- O/D MAIN SW
- SHIFT LOCK CONTROL ECU
- POWER WINDOW MASTER SW
- CENTER AIRBAG SENSOR ASSEMBLY
- CLOCK
- CIGARETTE LIGHTER
- COMBINATION METER
- RADIO AND PLAYER

**Right Side Components:**

- A/C CONTROL ASSEMBLY
- HEADLIGHT BEAM LEVEL CONTROL SW
- SECURITY INDICATOR
- ABS ECU
- GLOVE BOX LIGHT AND SW
- TRANSPONDER KEY AMPLIFIER
- MIRROR HEATER LH [REMOTE CONTROL MIRROR LH]
- DOOR LOCK MOTOR, DOOR LOCK DETECTION SW AND DOOR KEY LOCK AND UNLOCK SW LH
- COMBINATION METER
- RHEOSTAT
- A/C CONTROL ASSEMBLY
- A/C SW
- A/C BLOWER MOTOR LINEAR CONTROLLER
- BLOWER SW
- BLOWER RESISTOR

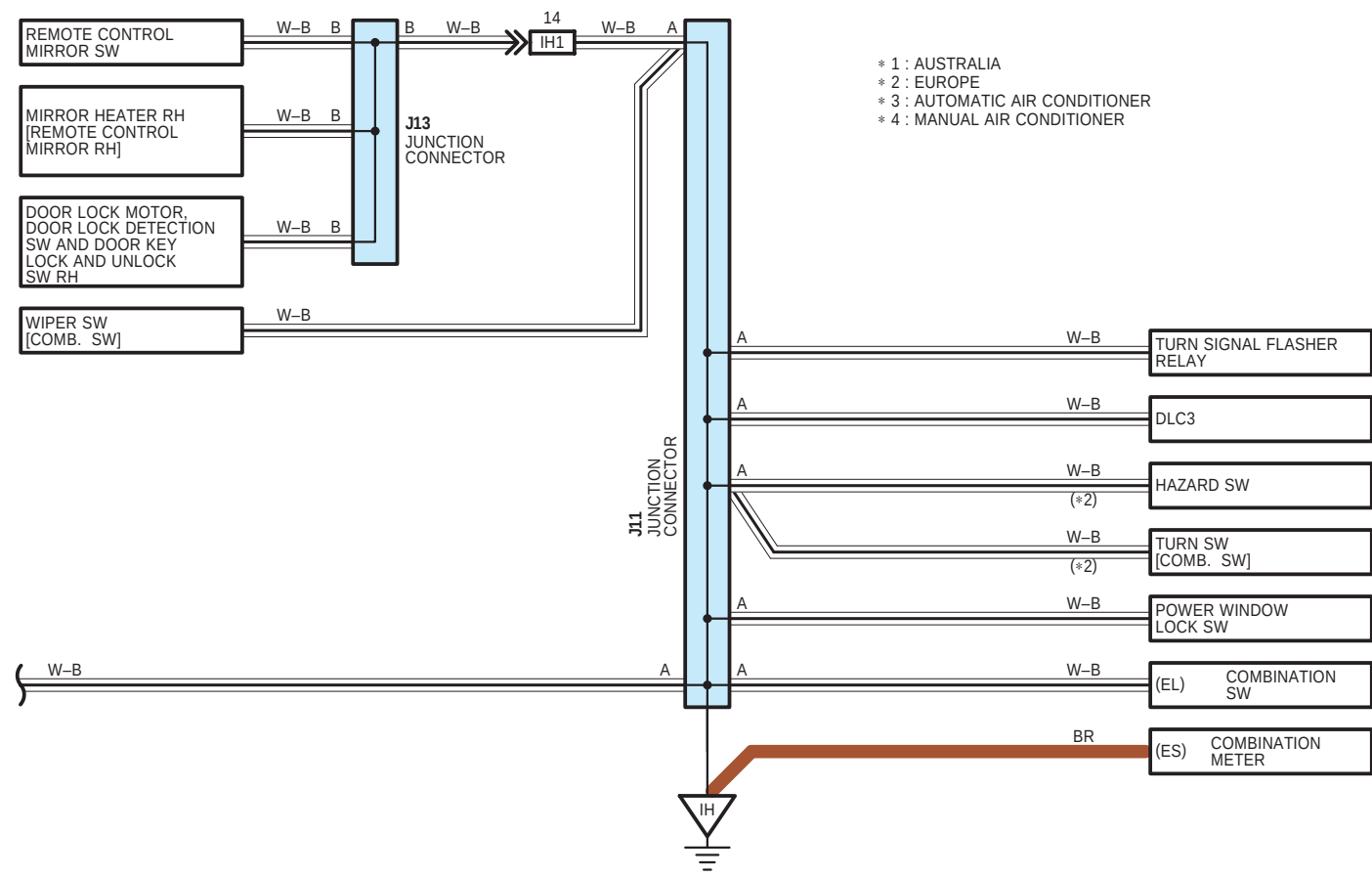
**Junctions and Connectors:**

- J10 JUNCTION CONNECTOR:** Connects to CRUISE CONTROL ECU, COMBINATION SW, CRUISE CONTROL ACTUATOR, MOON ROOF CONTROL RELAY AND MOTOR, MOON ROOF CONTROL SW AND PERSONAL LIGHT, SECURITY INDICATOR, ABS ECU, GLOVE BOX LIGHT AND SW, TRANSPONDER KEY AMPLIFIER, MIRROR HEATER LH, DOOR LOCK MOTOR, DOOR LOCK DETECTION SW AND DOOR KEY LOCK AND UNLOCK SW LH, COMBINATION METER, and RHEOSTAT.
- J11 JUNCTION CONNECTOR:** Connects to CIGARETTE LIGHTER, A/C SW, HAZARD SW, A/T SHIFT LEVER (ILLUMINATION [O/D MAIN SW]), RADIO AND PLAYER, MIR HTR RELAY, BODY ECU, IG1 RELAY, O/D MAIN SW, SHIFT LOCK CONTROL ECU, POWER WINDOW MASTER SW, CENTER AIRBAG SENSOR ASSEMBLY, CLOCK, CIGARETTE LIGHTER, COMBINATION METER, and RADIO AND PLAYER.
- J12 JUNCTION CONNECTOR:** Connects to MIRROR HEATER LH, DOOR LOCK MOTOR, DOOR LOCK DETECTION SW AND DOOR KEY LOCK AND UNLOCK SW LH, COMBINATION METER, and RHEOSTAT.

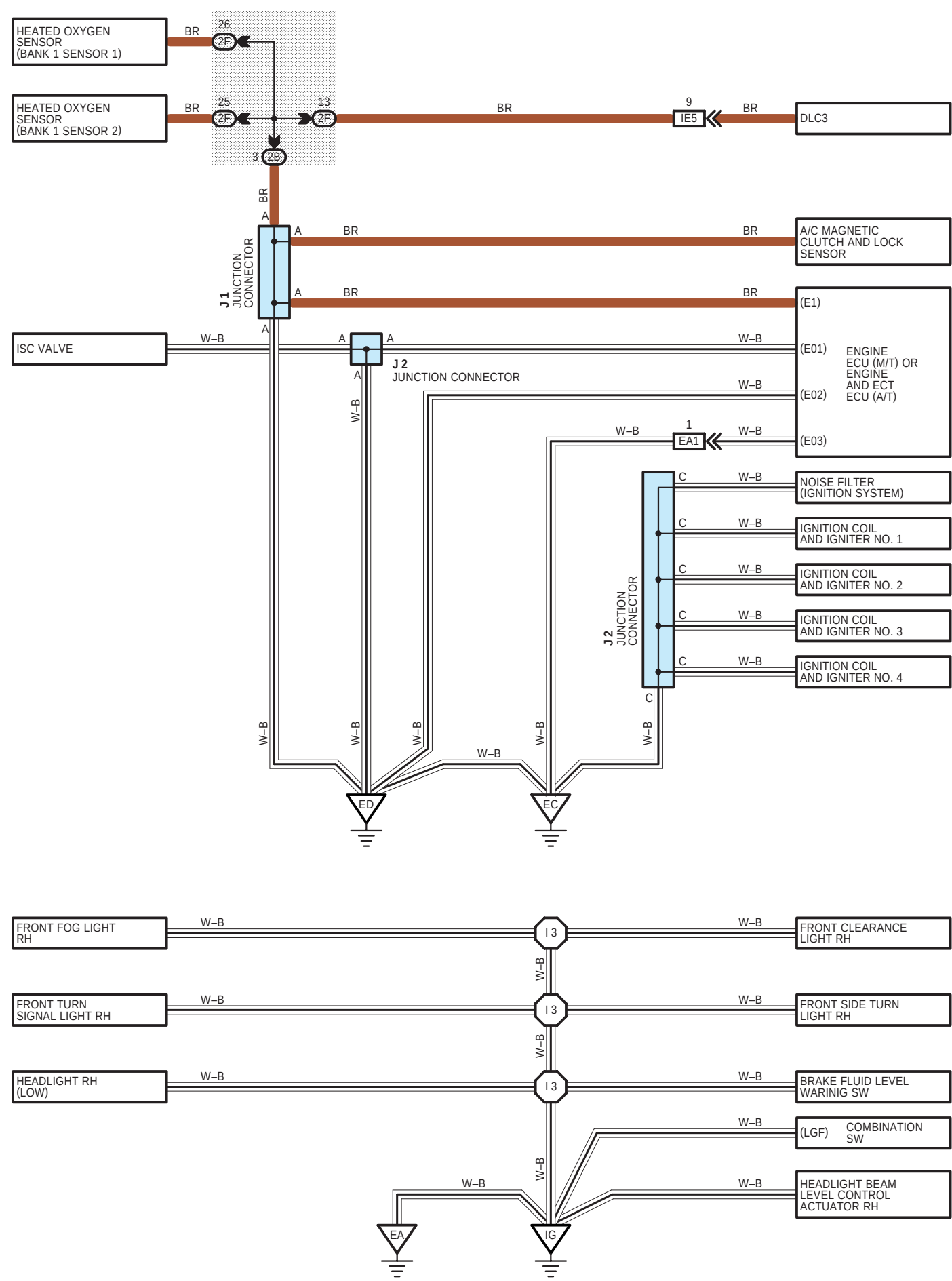
**Wiring Details:**

- Wires are color-coded: W-B (White/Black), A (Amber), B (Blue), BR (Brown), IE (Ignition/Engine), IM (Instrument/Meter), IP (Ignition/Power), IN (Ignition/Neutral), IO (Ignition/Output), IF (Ignition/Fuel), IL (Ignition/Light), and V-B (Vehicle/Black).
- Wire gauges are indicated in parentheses, such as (+1), (+3), (+4), and (+2).
- Grounding points are marked with a triangle and a ground symbol.

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