

The diagram illustrates the electrical connections for the A40 Clearance Warning ECU. It is organized into four main sections, numbered 1 through 4, representing different functional areas.

- Section 1: Power and Communication**
 - Power:** A 10A LH-IG fuse (PK) and a 7.5A RH-IG fuse (DD) provide power to the system. A 4K resistor and a 4A fuse are also shown in the power path.
 - Communication:** Multiplex Communication Systems are connected via CAN lines (R1, R2, R3, R4) to the ECU's A11(8) and A12(9) pins. The systems include the 10A LH-IG, 7.5A RH-IG, and the 4K resistor/4A fuse.
 - Grounding:** Ground connections are shown at the bottom, labeled A3 and A1.
- Section 2: Front Corner Sensors**
 - Sensors:** Four Ultrasonic Sensors are connected to the ECU. Two are for the Front Corner LH (D2, D3) and two are for the Front Corner RH (D4, D5).
 - Wiring:** Each sensor has a dedicated power line (BR-B) and a ground line (LG). The sensors are connected to the ECU via pins 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.
- Section 3: Rear Corner Sensors**
 - Sensors:** Four Ultrasonic Sensors are connected to the ECU. Two are for the Rear Corner LH (D6, D7) and two are for the Rear Corner RH (D8, D9).
 - Wiring:** Each sensor has a dedicated power line (BR-B) and a ground line (LG). The sensors are connected to the ECU via pins 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.
- Section 4: Central ECU and Grounding**
 - ECU:** The A40 Clearance Warning ECU is the central component, connected to all other components.
 - Grounding:** Ground connections are shown at the bottom, labeled A3 and A1.

A horizontal number line with arrows at both ends. It has four major tick marks labeled 5, 6, 7, and 8 from left to right. There are also three minor tick marks between each major tick mark, dividing each unit into four equal parts.

