

The diagram illustrates the electrical system for the headlamp assembly, including the Headlamp Swivel ECU (A61), Headlamp Swivel Motor (A65/A66), Headlamp Leveling Motor (A71/A72), and various sensors and switches. The system is divided into four main sections:

- Section 1:** Power supply and ECU connections. It shows the 7.5A ECU IG NO. 2 (IG) and 7.5A H-LP LVL (IG) fuses. The Headlamp Swivel ECU (A61) is connected to the IGSR, EIS, MSW, and various sensors (A6M, A6E, A6N) and switches (E49, E44, A5, E2).
- Section 2:** Headlamp Swivel Motor (A65) and Headlamp Leveling Motor (A71) connections. It shows the Headlight Swivel Motor (A65) and Headlight Swivel Motor (A66) connected to the Headlamp Swivel ECU (A61) via the Headlamp Swivel Motor (A65) and Headlamp Swivel Motor (A66) junction connectors. The Headlamp Leveling Motor (A71) and Headlamp Leveling Motor (A72) are connected to the Headlamp Swivel ECU (A61) via the Headlamp Leveling Motor (A71) and Headlamp Leveling Motor (A72) junction connectors.
- Section 3:** Headlamp Swivel Motor (A65) and Headlamp Leveling Motor (A71) connections. It shows the Headlight Swivel Motor (A65) and Headlight Swivel Motor (A66) connected to the Headlamp Swivel ECU (A61) via the Headlamp Swivel Motor (A65) and Headlamp Swivel Motor (A66) junction connectors. The Headlamp Leveling Motor (A71) and Headlamp Leveling Motor (A72) are connected to the Headlamp Swivel ECU (A61) via the Headlamp Leveling Motor (A71) and Headlamp Leveling Motor (A72) junction connectors.
- Section 4:** Headlamp Swivel Motor (A65) and Headlamp Leveling Motor (A71) connections. It shows the Headlight Swivel Motor (A65) and Headlight Swivel Motor (A66) connected to the Headlamp Swivel ECU (A61) via the Headlamp Swivel Motor (A65) and Headlamp Swivel Motor (A66) junction connectors. The Headlamp Leveling Motor (A71) and Headlamp Leveling Motor (A72) are connected to the Headlamp Swivel ECU (A61) via the Headlamp Leveling Motor (A71) and Headlamp Leveling Motor (A72) junction connectors.