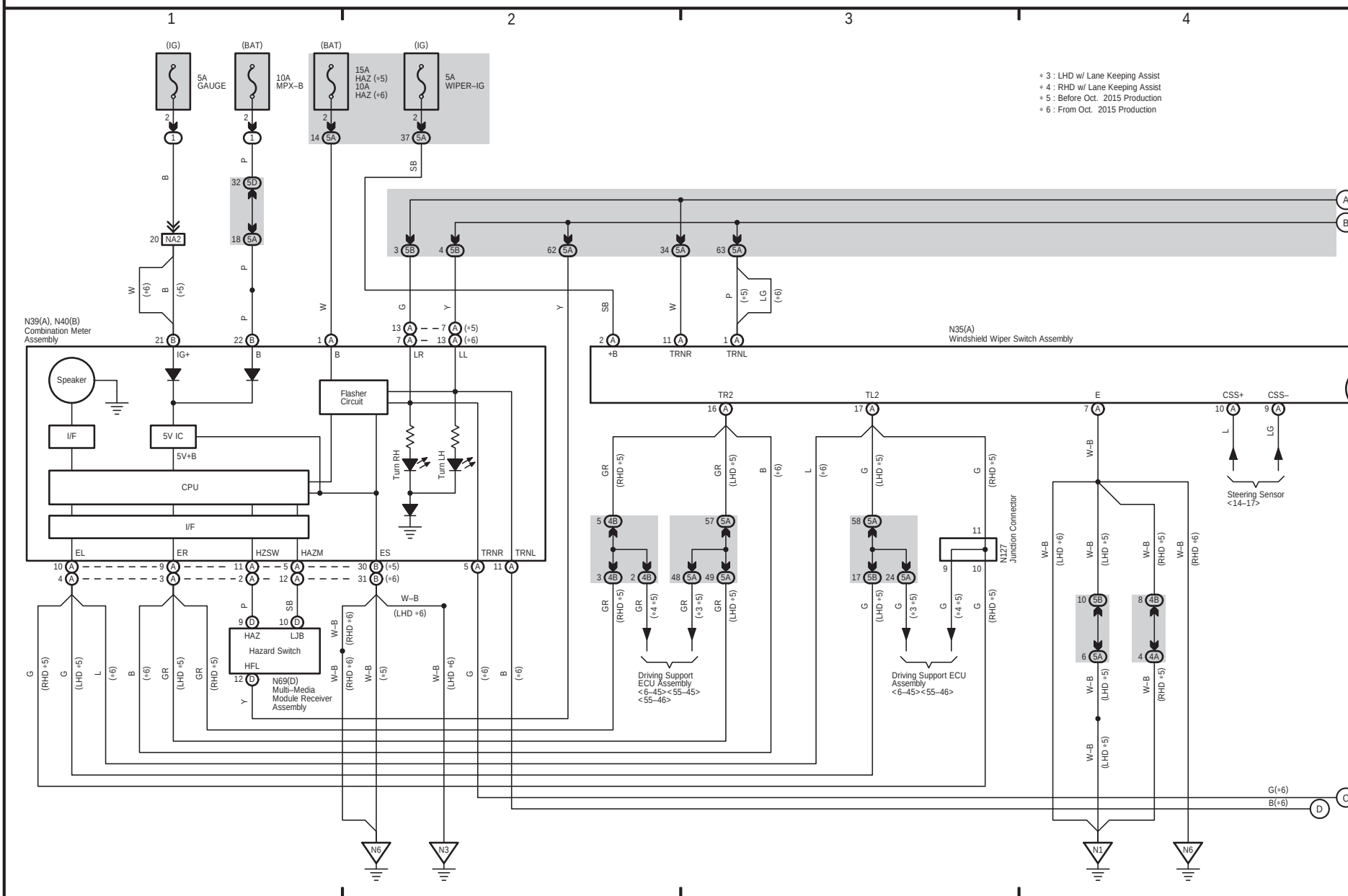


LEXUS GS 450h / GS 300h (EM2792E)



The diagram illustrates the electrical system for the vehicle's lighting, organized into three main sections: the upper left for the wiper and dimmer switches, the center for the rear combination light, and the right for the headlight assemblies.

Upper Left Section: Switches

- N35(A) Windshield Wiper Switch Assembly:** Features terminals GND1 (A), TL1 (A), TR1 (A), and CR1 (A). It is connected to a power source (G) and ground (E).
- N28(A), (B) Headlight Dimmer Switch Assembly:** Includes a "Turn Signal Switch" with terminals EL, TL, TR, and CR. It is connected to a power source (G) and ground (E).

Center Section: Rear Combination Light

- U45 Rear Combination Light Assembly LH:** Contains a turn signal lamp (Turn) and a parking/brake lamp (P/B).
- U43 Rear Combination Light Assembly RH:** Contains a turn signal lamp (Turn) and a parking/brake lamp (P/B).
- U52(A), U53(B) Junction Connector:** Connects the rear combination lights to the headlight assemblies.
- U65(C) Junction Connector:** Connects the headlight assemblies to the battery.

Right Section: Headlight Assemblies

- B5 Headlight Assembly LH:** Includes a turn signal lamp (Turn) and a parking/brake lamp (P/B).
- B2 Headlight Assembly RH:** Includes a turn signal lamp (Turn) and a parking/brake lamp (P/B).

Wiring Details:

- Power Source:** The system is powered by a battery (U3) connected to the ground (G) and the positive terminal (+6).
- Grounding:** Grounding points are indicated by (E) for the switches and (G) for the rear combination lights.
- Signal Lines:** The turn signal switch (N28) controls the turn signal lamps (Turn) in the rear combination lights and the headlight assemblies.
- Headlight Control:** The headlight dimmer switch (N28) controls the parking/brake lamps (P/B) in the rear combination lights and the headlight assemblies.

Turn Signal and Hazard Warning Light

* 5 : Before Oct. 2015 Production
* 6 : From Oct. 2015 Production

