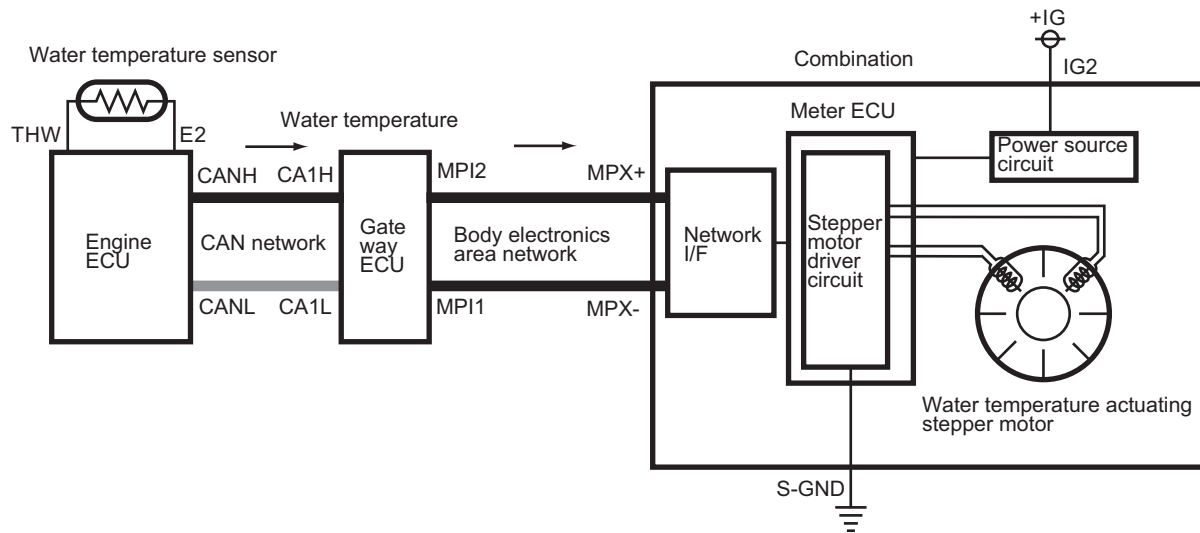


Water temperature gauge

- The water temperature gauge consists of an electronic meter that actuates the indicator on the water temperature gauge. The meter ECU inputs and processes the data for actuating the indicator, and controls a stepper motor in accordance with the data in order to indicate the engine coolant temperature.
- The meter ECU effects initialization control to return the indicator to the zero position each time power is applied to the combination meter.

Water Temperature Gauge Operation

- The engine ECU receives the input of a change in resistance detected by the water temperature sensor and sends a water temperature signal to the gateway ECU via the CAN (Controller Area Network).
- The meter ECU receives the water temperature signal from the gateway ECU via the BEAN (Body Electronics Area Network). Based on the received data, the meter ECU controls the rotational angle, direction, and speed of the indicator (the rotor of the stepper motor) by actuating the stepper motor driver circuit in order to indicate the engine coolant temperature.



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