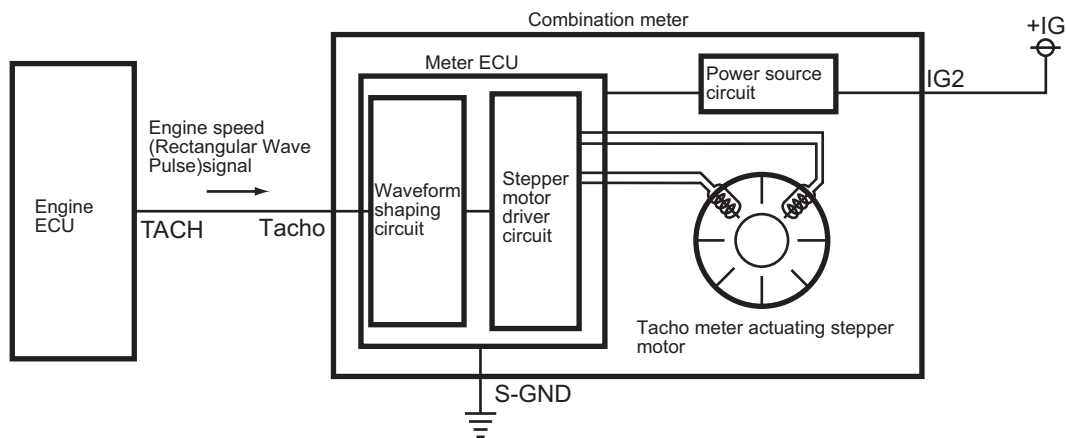


Tacho Meter

- The tachometer consists of an electronic meter that indicates the engine speed. This is accomplished by the meter ECU inputting data for actuating the indicator, and controlling the stepper motor in accordance with the data.
- The meter ECU effects initialization control to return the indicator to the zero position each time power is applied to the combination meter.

Tacho Meter Operation

- The engine ECU outputs engine speed (rectangular wave pulse) signals that are equivalent to 4 pulses (or 6 pulses on V6 engine) for every 2 revolutions of the engine. Upon receiving the input of these signals, the meter ECU counts those waveforms in order to detect the engine speed.
- Based on the detected engine speed, 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 speed.



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