BODY ELECTRICAL

PUSH BUTTON START SYSTEM

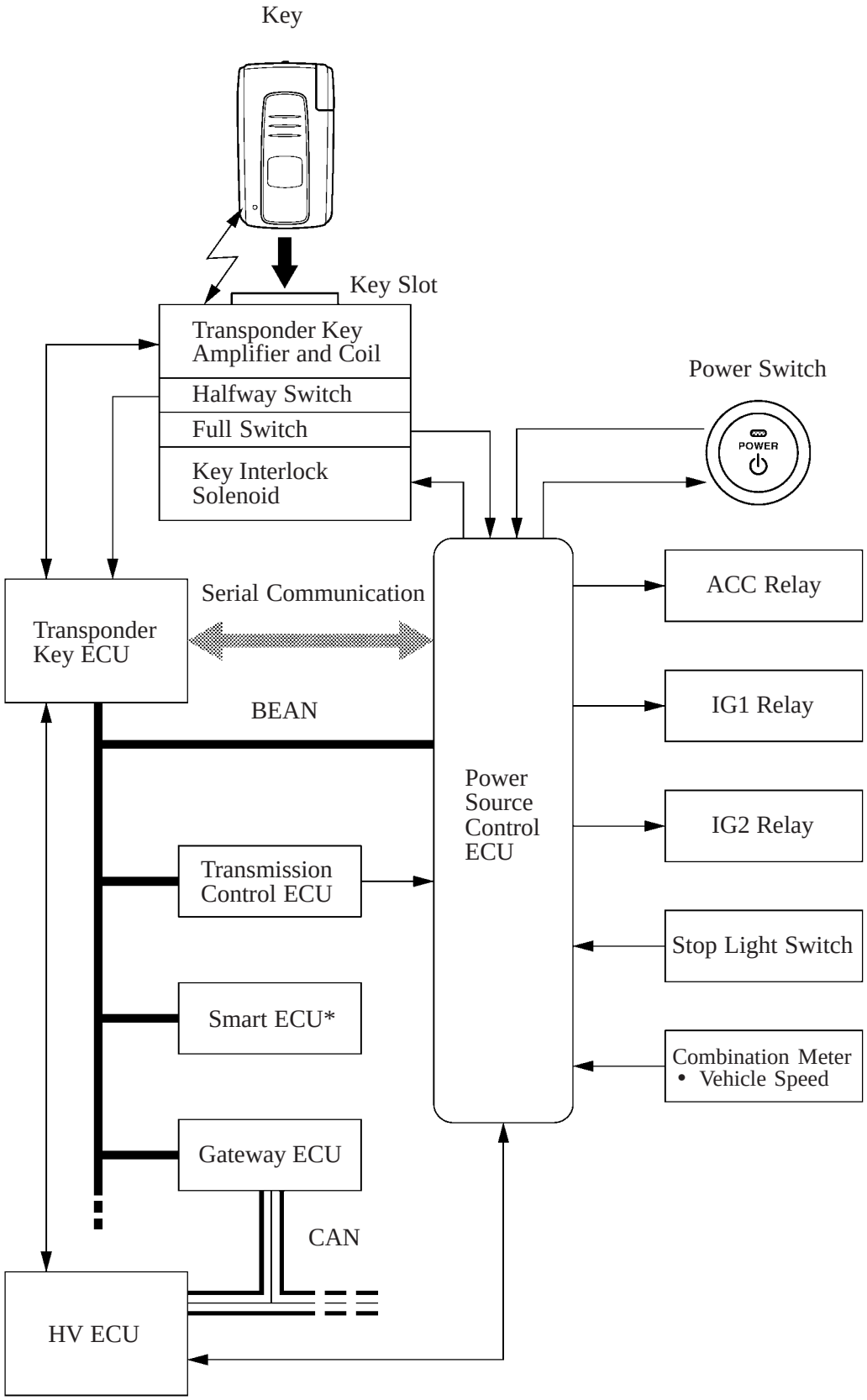
■DESCRIPTION

- On the previous models, the driver inserted an ignition key into the key cylinder (containing an ignition switch) in order to switch on the power of the vehicle and start the system. On the new Prius, however, this has been replaced by a push-type power switch, which the driver operates by inserting a key in the key slot or by merely keeping the key in the driver's possession*. This improves the ease of switching on the power and starting the hybrid system.
- This system is standard equipment on all models.
- This system consists primarily of an power source control ECU, power switch, key slot, key, ACC relay, IG1 relay, IG2 relay, and transponder key ECU. The power source control ECU controls the system.
- The push button start system operates in cooperation with the HV immobilizer system and the smart entry & start system*.
- The table below shows the transition of the power modes that is accomplished through the operation of the power switch, which depends on whether the brake pedal is pressed or released.

Brake Pedal	Power Switch Operation
Released	The power switches OFF → ACC → IG-ON → OFF, each time the power switch is pressed.
Pressed	The power switches to READY from any power mode.

*: Models with Smart Entry & Start System

▶ System Diagram ◀



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*: Models with Smart Entry and Start System

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