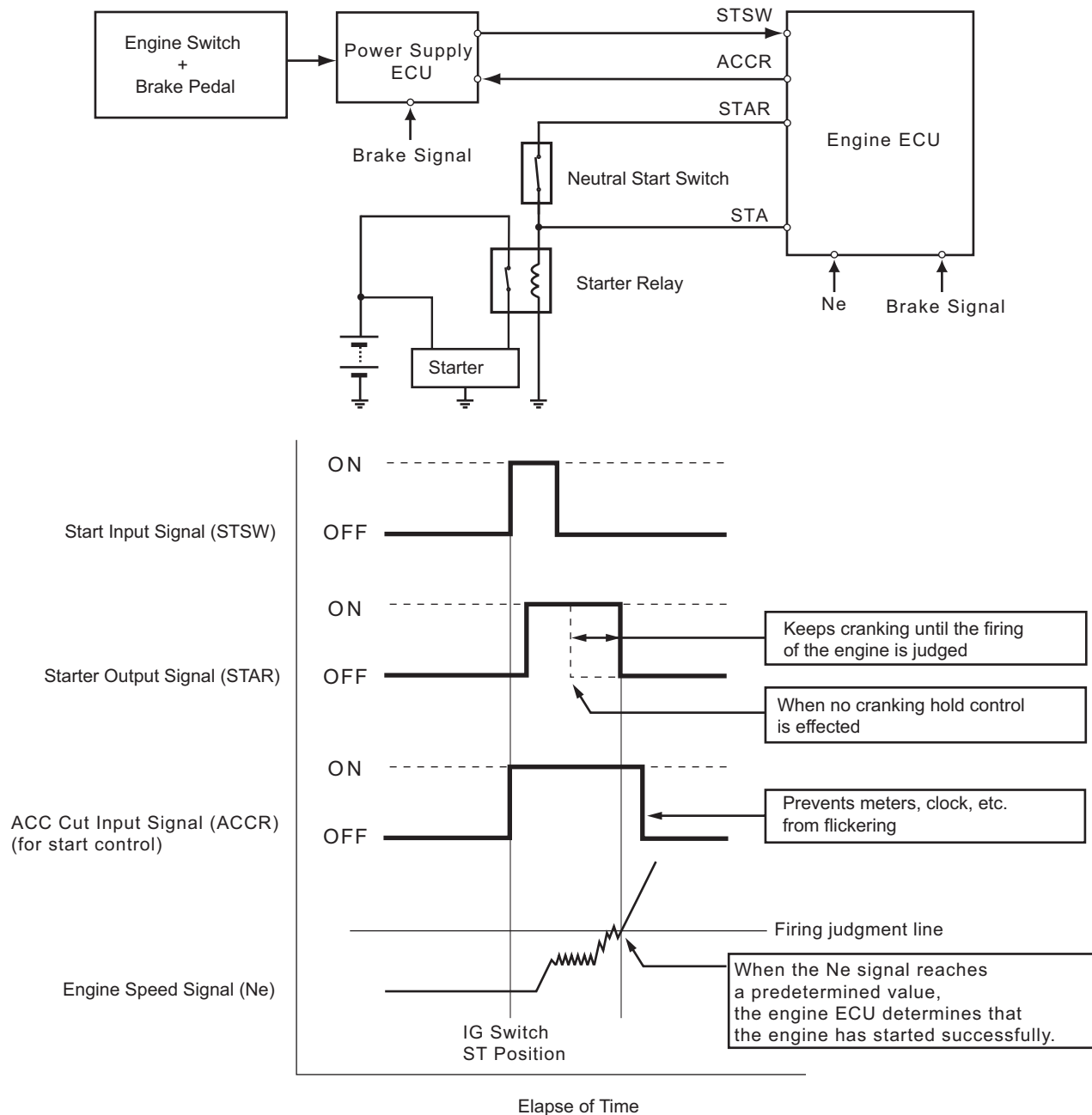


Cranking Hold Control

- When a start signal (STSW) is input by the engine switch, the engine ECU sends a signal (STAR) to the starter relay via the Park/Neutral Position switch (to determine P or N position), in order to start the starter. At this time, the engine ECU turns ON the ACC cut (ACCR) switch to prevent the meters, clock, and audio unit from flickering.
- After the starter starts, the engine ECU continues to output a signal to the starter until it detects that the engine has fired. After cranking, when the engine speed becomes higher than a predetermined speed, the engine ECU determines that the engine has fired, and stops the signal that is output to the starter relay.



Cranking Hold Control Circuit Diagram (SMART ACCESS SYSTEM with PUSH-BUTTON START Type) and System Diagram