

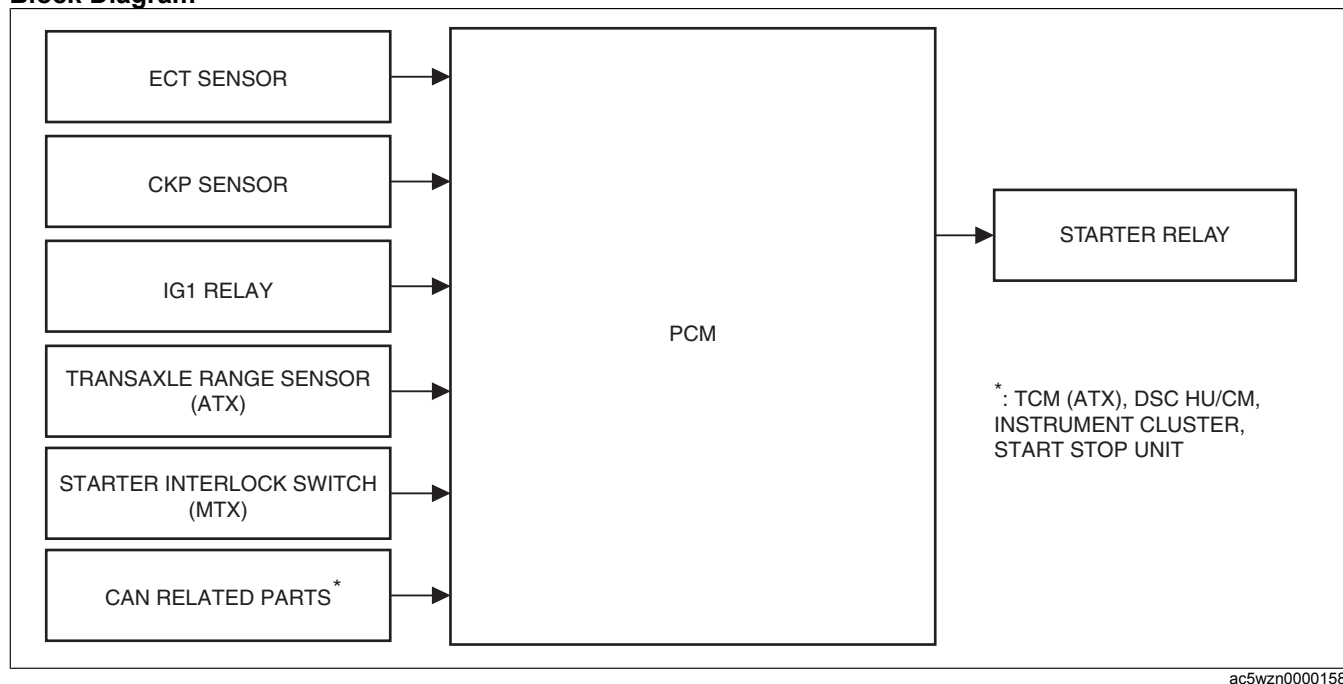
## STARTER CUT-OFF CONTROL [SKYACTIV-G 2.0, SKYACTIV-G 2.5]

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### Outline

- The PCM controls energization to the starter relay according to an immobilizer system request to improve security.
- While not in P or N position, the starter relay energization by the ignition key is inhibited. (ATX)
- While not in neutral, the starter relay energization by the push button start is inhibited. (MTX)

### Block Diagram



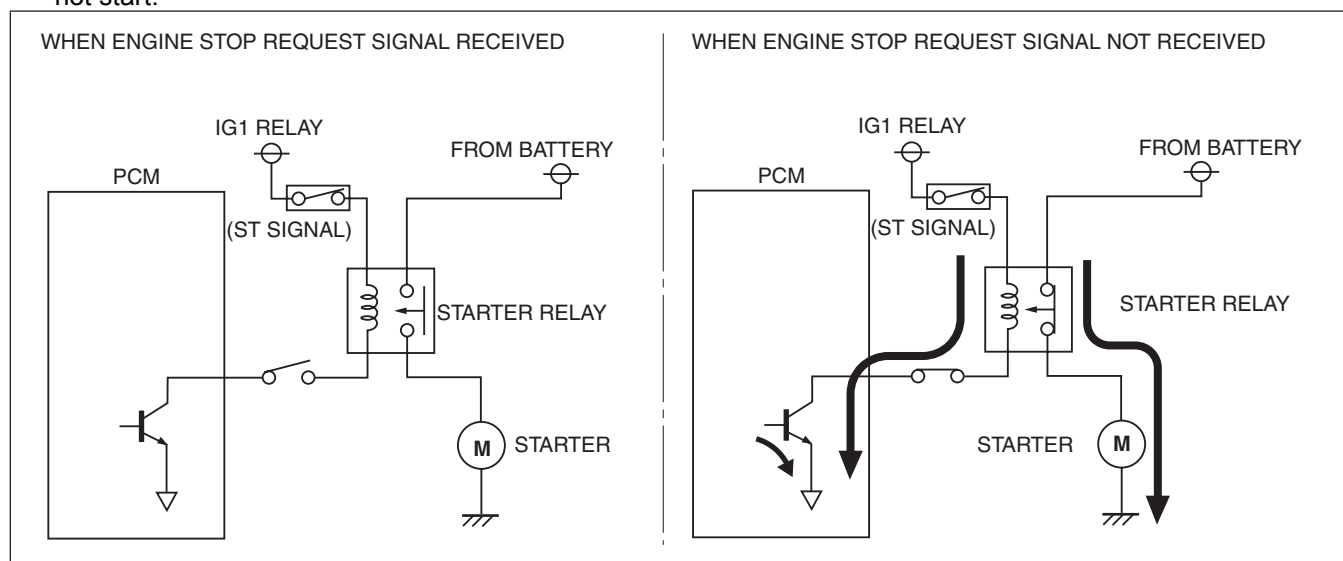
### Operation

#### When engine stop request signal is not received

- The PCM establishes a ground to the starter circuit. Therefore when the ignition is switched to START, the starter relay is energized and the starter motor rotates. As a result, the engine starts normally.

#### When engine stop request signal is received.

- The PCM does not establish a ground to the starter circuit. Therefore, even if the ignition switch is turned to the start position, the starter motor does not rotate because the starter relay does not energize, and the engine does not start.



- The PCM turns the starter relay off with the engine speed at the set value or more (value from engine coolant temperature fluctuates).