

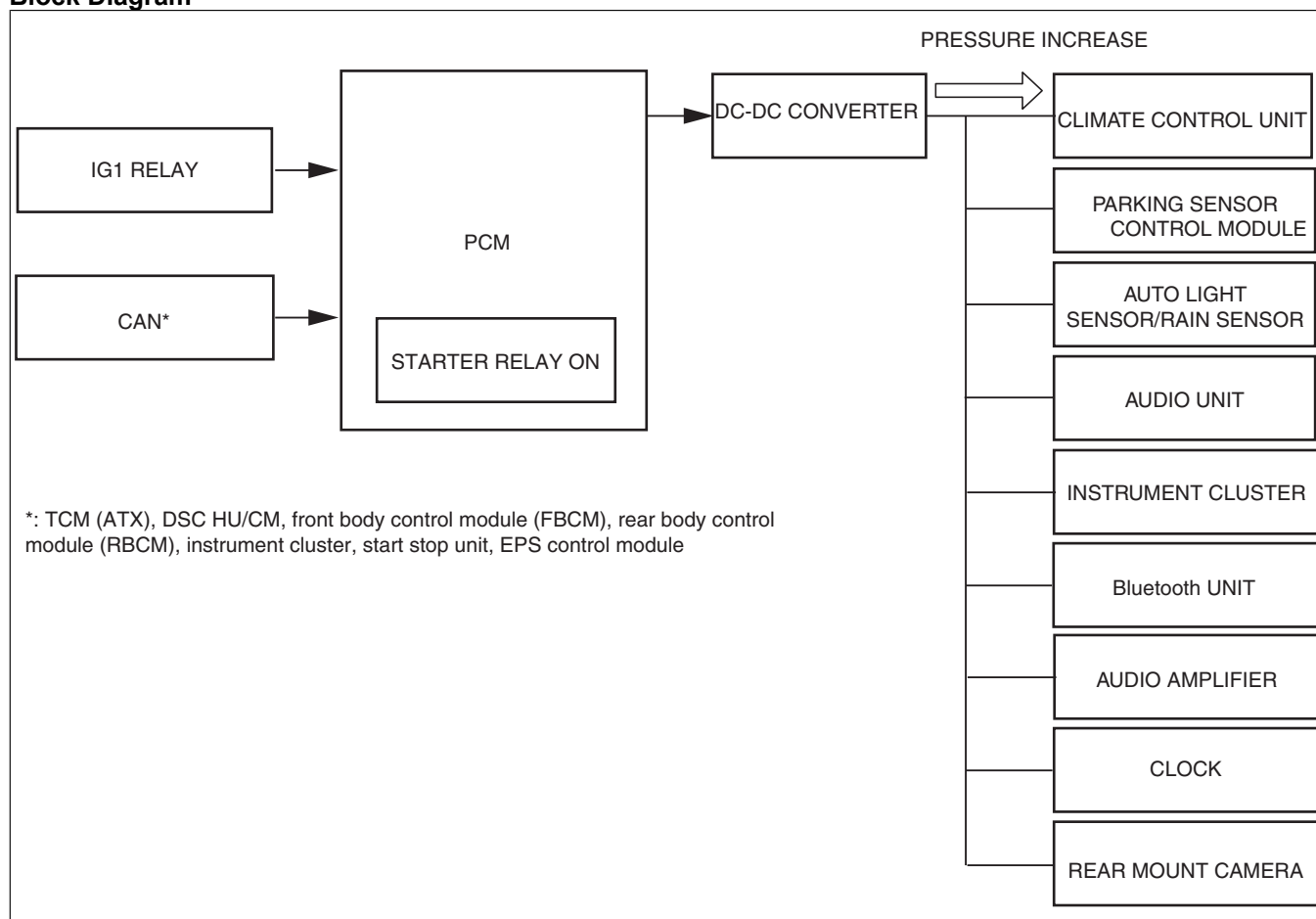
DC-DC CONVERTER CONTROL [SKYACTIV-G 2.0, SKYACTIV-G 2.5]

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Outline

- Stability of the power supply to the cabin has been realized by preventing decreases in the power supply due to battery voltage decreases while the engine is restarted by the i-stop control.
- When the engine is restarted by the i-stop control, the PCM sends a battery voltage (DC-DC converter downstream voltage) boost request signal to the DC-DC converter.

Block Diagram



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Operation

- When the engine is restarted by the i-stop control, the PCM sends a voltage boost request signal to the DC-DC converter so that the DC-DC converter downstream voltage is maintained at 11.5—12.5 V.

