

■ STEERING LOCK SYSTEM

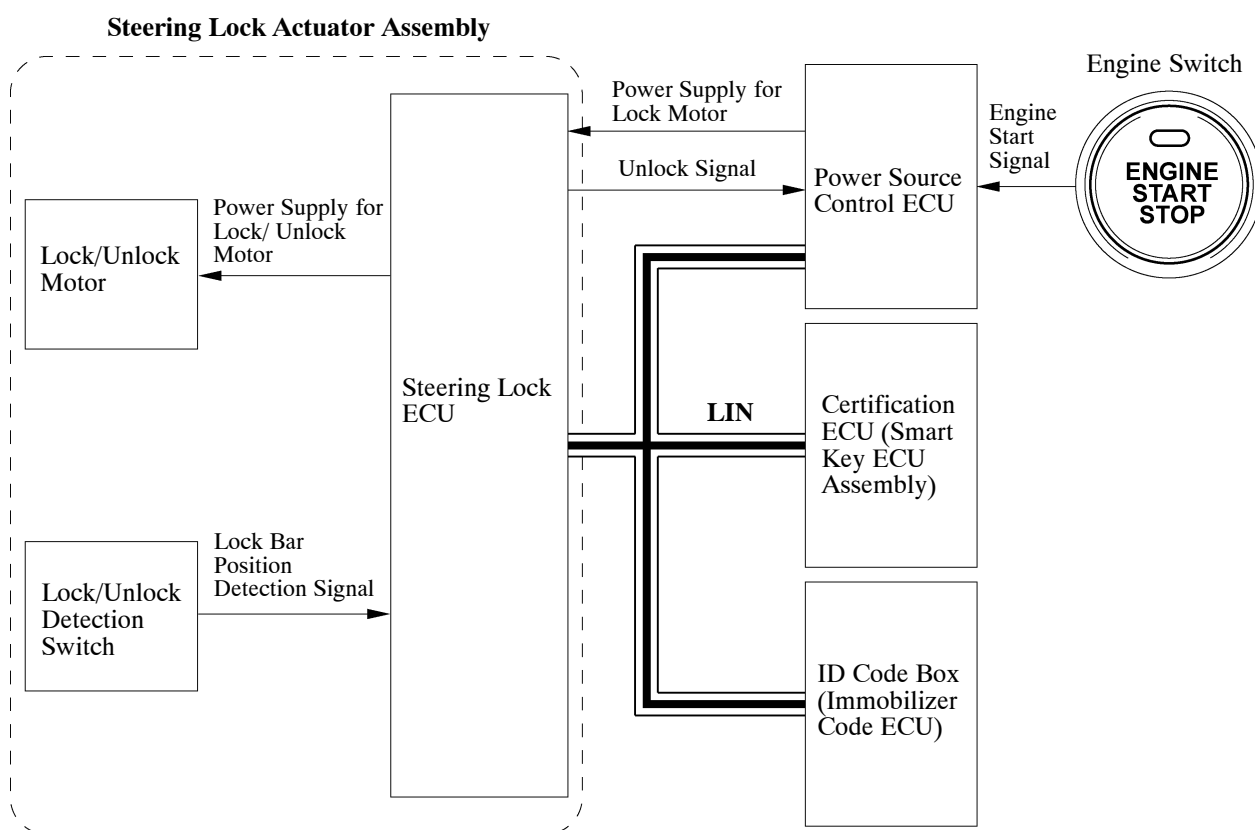
Because of the use of the entry & start system an electric steering lock system is used. This system uses a lock/unlock motor to lock and unlock the steering wheel.

This system mainly consists of the steering lock actuator assembly, power source control ECU, certification ECU (smart key ECU assembly) and ID code box (immobilizer code ECU).

- The steering lock ECU, steering lock bar and lock/unlock motor are integrated into the steering lock actuator assembly. The operation of the lock bar is controlled by the steering lock ECU using the lock/unlock motor.
- The steering lock ECU detects the position (lock/unlock) of the lock bar and transmits this information to the power source control ECU and smart key ECU. This information is used for smart access system with push-button start control.
- In this system, the smart key ECU assembly determines whether to lock or unlock the steering based on communication with the power source control ECU. Then, the smart key ECU assembly sends lock or unlock command signals to the steering lock ECU through the immobilizer code ECU. Upon receiving the signals, the steering lock ECU operates the lock/unlock motor to lock or unlock the steering. For details, [see page BE-149](#).

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► System Diagram ◀



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Service Tip

It is not possible to replace only the steering lock ECU in the steering lock actuator assembly. Therefore, if the ECU malfunctions, the entire steering lock actuator assembly must be replaced.