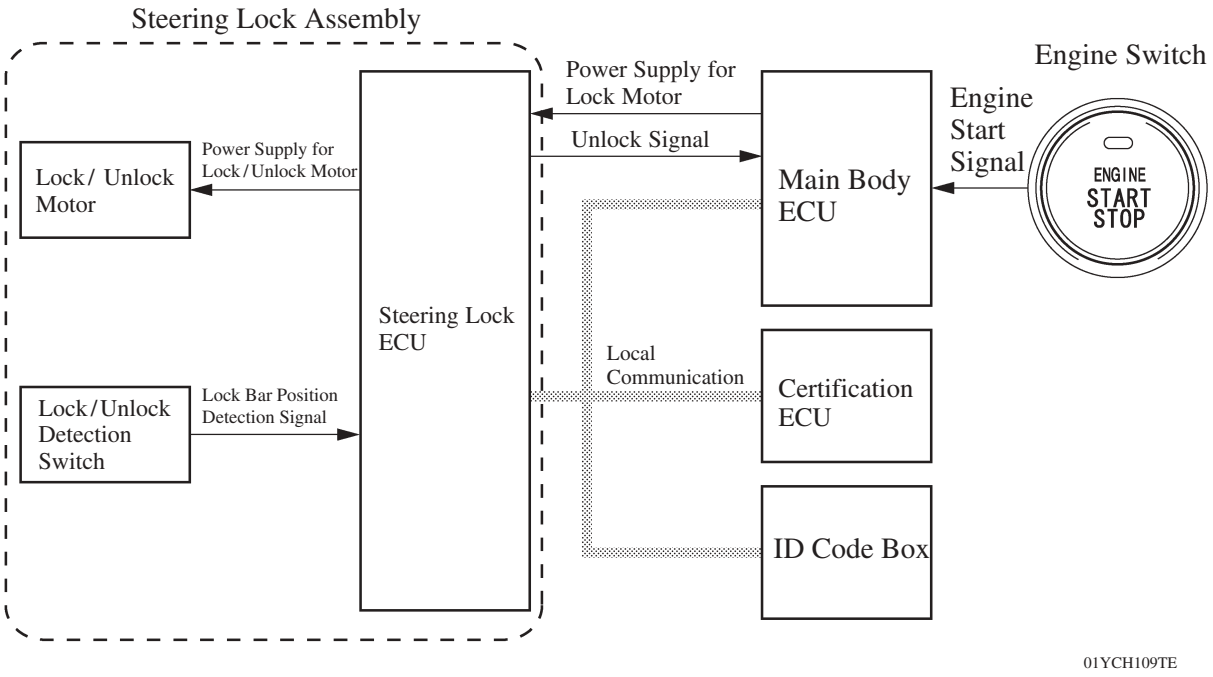
■STEERING LOCK SYSTEM

According with the use of the smart entry and start system with push-button start, a steering lock system which uses a lock/unlock motor to lock and unlock the steering wheel is used. This system consists mainly of the steering lock assembly, main body ECU, certification ECU and ID code box.

- The steering lock ECU is integrated in the steering lock assembly, and it controls the lock bar operation in the steering lock assembly through the control of the lock/unlock motor.
- The steering lock ECU detects the position (lock/unlock) of the lock bar and transmits this information to the main body ECU and certification ECU.
- In this system, the certification ECU determines whether to lock or unlock the steering based on communication with the main body ECU. Then, the certification ECU sends lock or unlock command signals to the steering lock ECU through the ID code box. Upon receiving the signals, the steering lock ECU operates the lock/unlock motor to lock or unlock the steering. For details, see page BE-138.

▶ System Diagram ◀



Service Tip

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