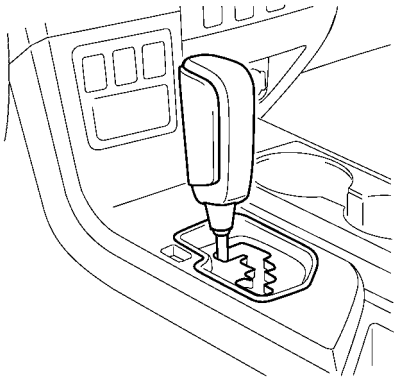
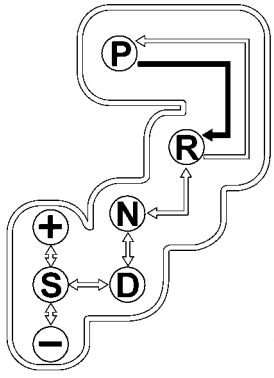
■SHIFT CONTROL MECHANISM

1. General

- A gate type shift lever is used.
- A shift lock system is used.
- A shift cable with a length adjustment mechanism is used.





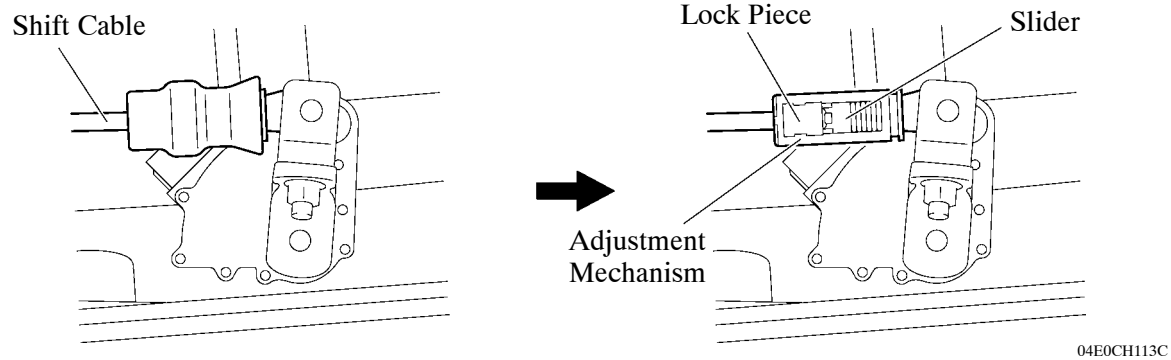
08LCH006Y

↓: The shift lever can be moved only with the ignition switch ON and the brake pedal depressed.

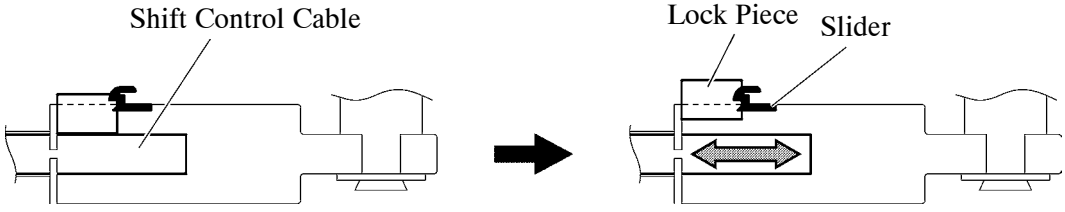
⇕: The shift lever can be moved at anytime.

Service Tip

The shift cable is secured by the lock piece of the adjustment mechanism. Adjustment of the shift cable is possible by releasing the lock piece from the cable. For details, refer to the SEQUOIA Repair Manual (Pub. No. RM11Y0E).



04E0CH113C



Adjustment Mechanism Cross Section

04E1CH44C

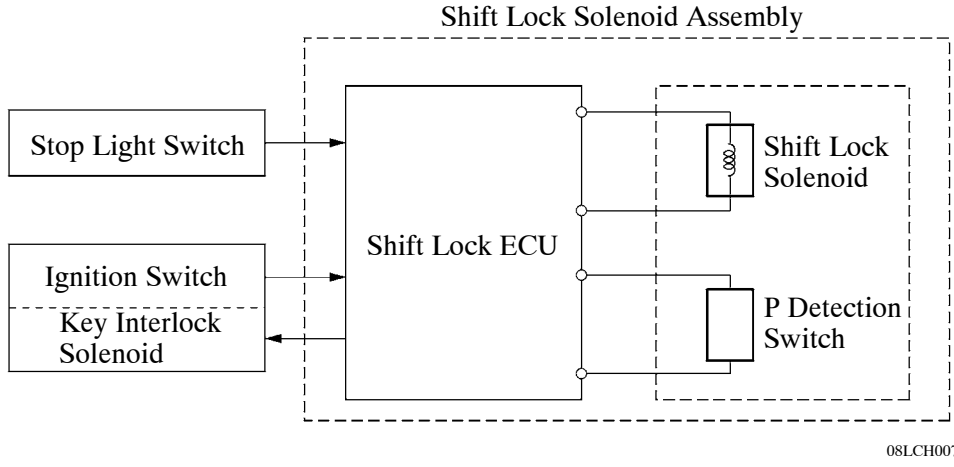
2. Shift Lock System

General

The shift lock system is controlled by the shift lock ECU and it has a key interlock function and shift lock function.

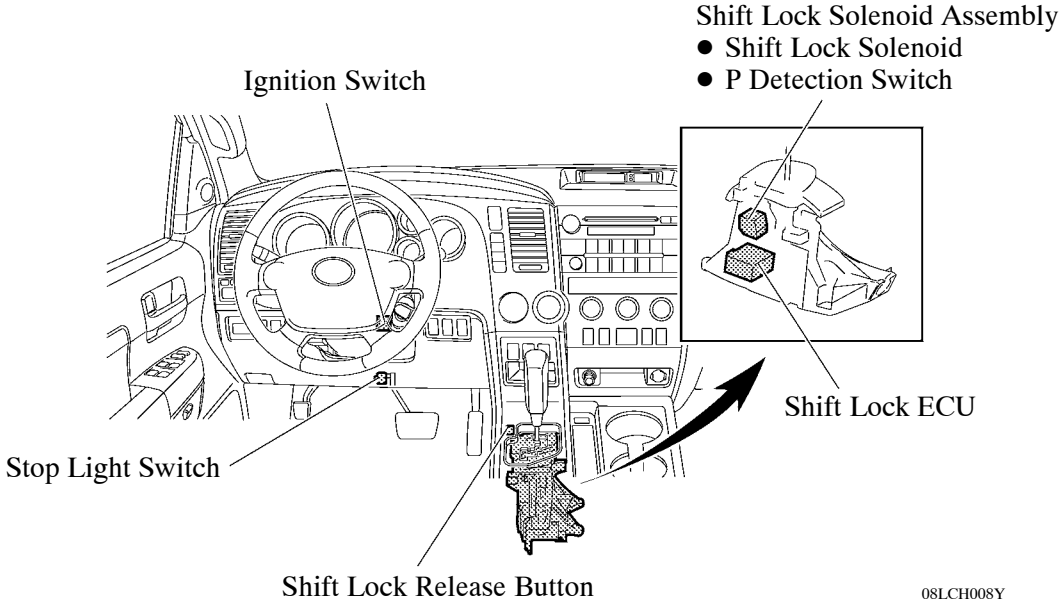
- The key interlock function prevents the key from being pulled out after the ignition switch is turned off, unless the shift lever is moved to P. Thus, parking of the vehicle in P is required.
- The shift lock function prevents the shift lever from being shifted from P, unless the ignition switch is ON and the brake pedal is depressed.
- The shift lock ECU turns the key interlock solenoid and the shift lock solenoid on in order to release the key interlock and shift lock.
- A shift lock release button, which manually overrides the shift lock mechanism, is used.

System Diagram



08LCH007Y

Layout of Main Components



08LCH008Y