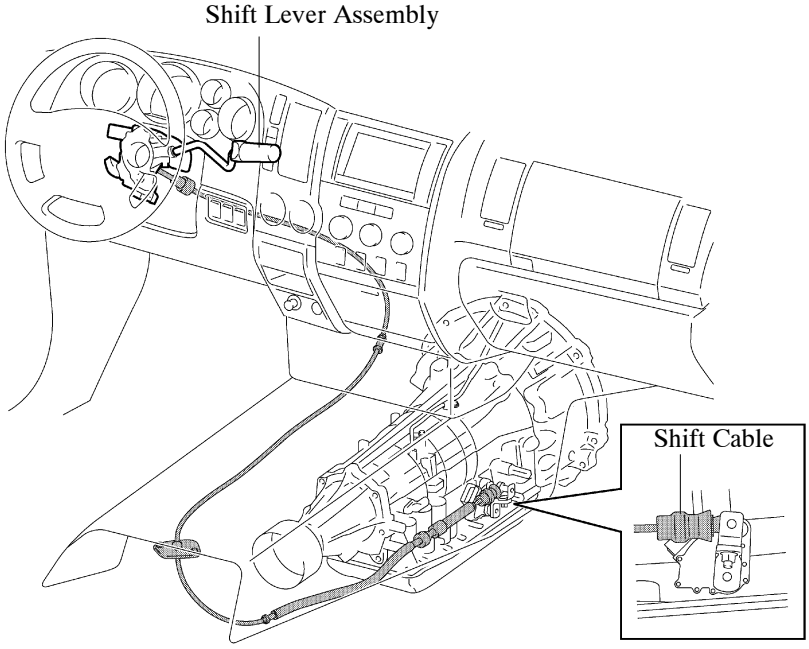
■SHIFT CONTROL MECHANISM

1. General

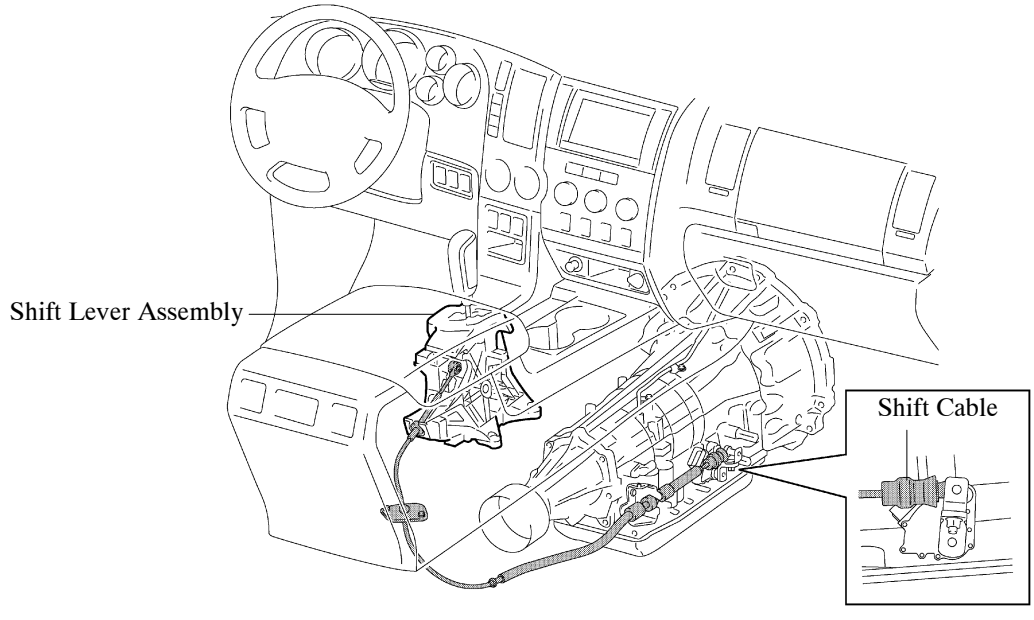
The shift control mechanism consists of the shift cable, the shift lever assembly, and the shift lock system.

- The shift cable with a length adjustment mechanism is used.



Column Shift

04E0CH89C

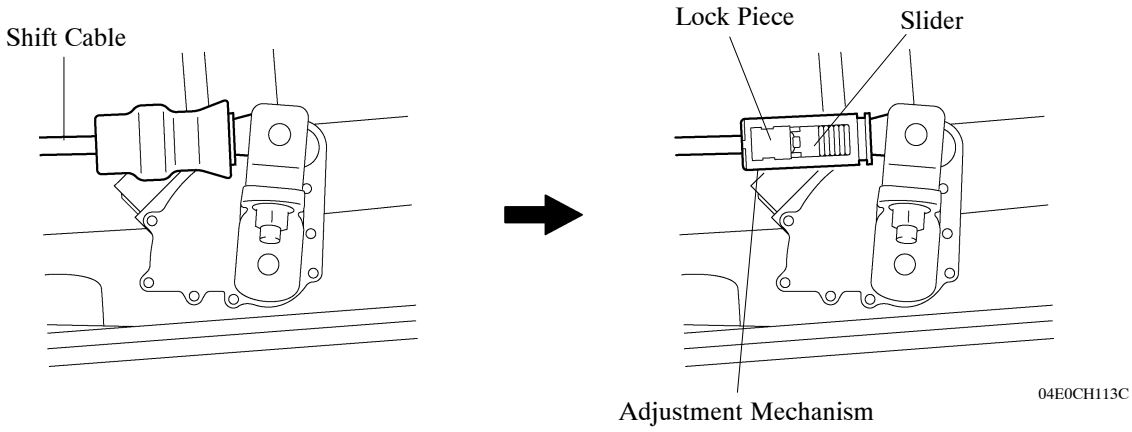


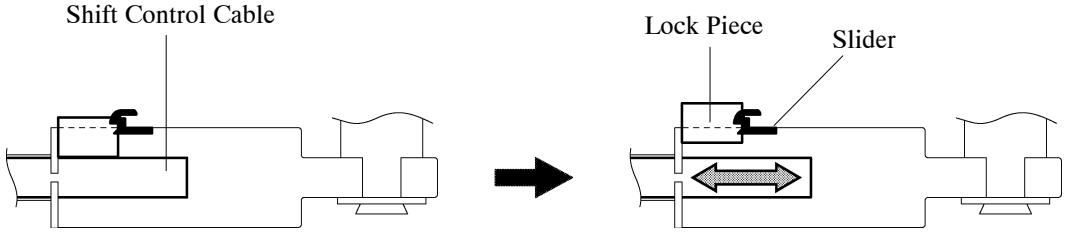
Floor Shift

04E0CH108C

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, see the 2007 TOYOTA TUNDRA Repair Manual (Pub. No. RM04E2U).





Adjustment Mechanism Cross Section

04E1CH44C

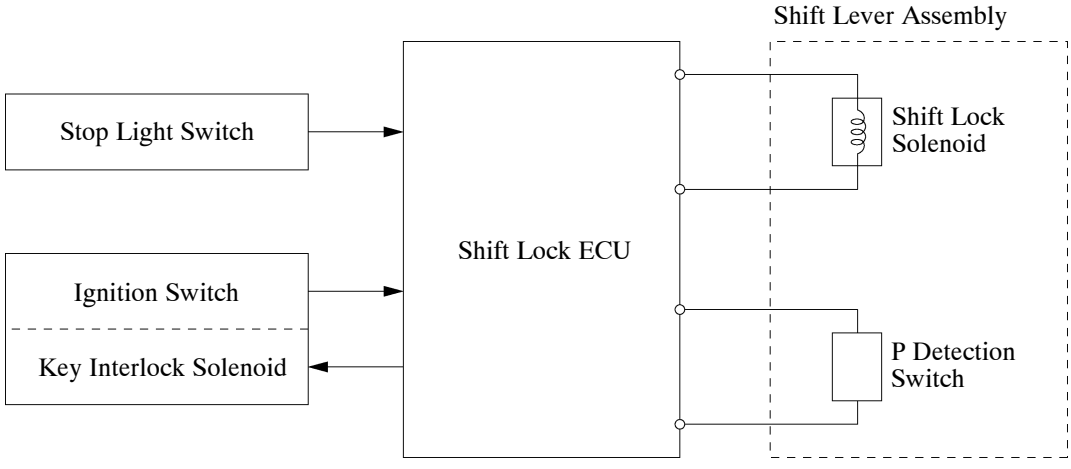
2. Shift Lock System

General

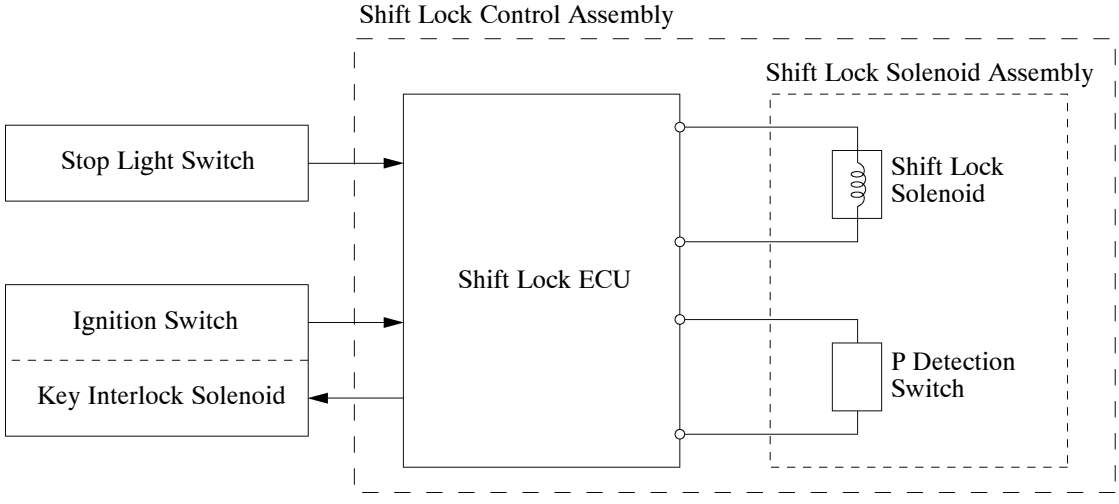
The shift lock system is controlled by the Shift Lock ECU and it has a key interlock function and shift lock function.

- 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 the P position. Thus, parking of the vehicle in the P position is encouraged.
- The shift lock function prevents the shift lever from being shifted from P position, unless the ignition switch is ON and the brake pedal is pressed.
- 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 concealed shift lock override button is allows a manual override of the shift lock system if this is necessary.

System Diagram



Column Shift



Floor Shift

04E0CH78C

Layout of Main Components

