

SHIFT LOCK SYSTEM (ATM)

40067-10

ON-VEHICLE INSPECTION

1. CHECK SHIFT LOCK OPERATION

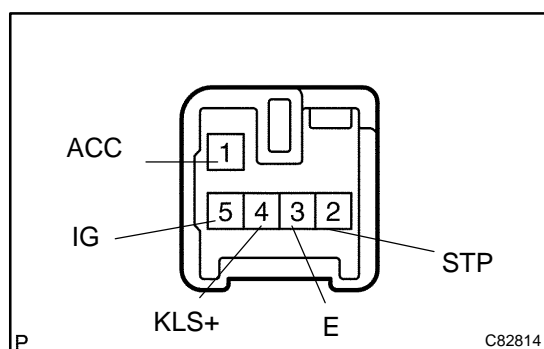
- Shift the shift lever to P position.
- Turn the ignition switch to LOCK.
- Check that the shift lever cannot be shifted to any other positions than P.
- Turn the ignition switch ON, depress the brake pedal and check that the shift lever can be shifted to any other positions.

2. CHECK SHIFT LOCK RELEASE BUTTON OPERATION

- Using a small screwdriver, remove the shift lock release cover.
- When operating the shift lever with the shift lock release button pressed, check that the lever can be shifted to any position other than P.

3. CHECK KEY INTERLOCK OPERATION

- Turn the ignition switch ON.
- Depress the brake pedal and shift the shift lever to any other position than P.
- Check that the ignition key cannot be turned to LOCK.
- Shift the shift lever to P position, turn the ignition key to LOCK and check that the ignition key can be removed.



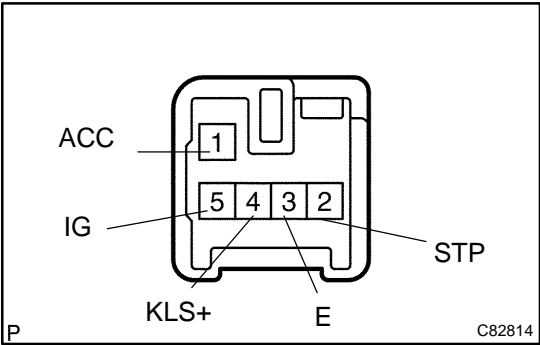
4. INSPECT SHIFT LOCK CONTROL UNIT ASSEMBLY

- Using a voltmeter, measure the voltage at each terminal.

HINT:

Do not disconnect the shift lock control unit assembly connector.

| Terminal | Measuring Condition | Voltage (V) |
|------------------|------------------------------------------------------------------------|-------------|
| 1 (ACC) - 3 (E) | Ignition switch ACC | 10 - 14 |
| 1 (ACC) - 3 (E) | Ignition switch OFF | 0 |
| 2 (STP) - 3 (E) | Depress brake pedal | 10 - 14 |
| 2 (STP) - 3 (E) | Release brake pedal | 0 |
| 4 (KLS+) - 3 (E) | (1) Ignition switch ACC and P position | 0 |
| | (2) Ignition switch ACC and except P position | 7.5 - 11 |
| | (3) Ignition switch ACC and except P position (After approx. 1 second) | 6 - 9 |
| 5 (IG) - 3 (E) | Ignition switch ON | 10 - 14 |
| 5 (IG) - 3 (E) | Ignition switch OFF | 0 |



(b) Using an ohmmeter, measure the resistance at terminal E (3) and body ground.

HINT:
Do not disconnect the shift lock control unit assembly connector.

| Terminal | Measuring Condition | Specified Value |
|---------------------|---------------------|-----------------|
| 1 (E) - Body ground | Always | Continuity |