

SHIFT LOCK SYSTEM (ATM)

4010Y-03

ON-VEHICLE INSPECTION

1. CHECK SHIFT LOCK OPERATION

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

If operation can not be done as specified, inspect the shift lock control unit.

2. CHECK SHIFT LOCK RELEASE BUTTON OPERATION

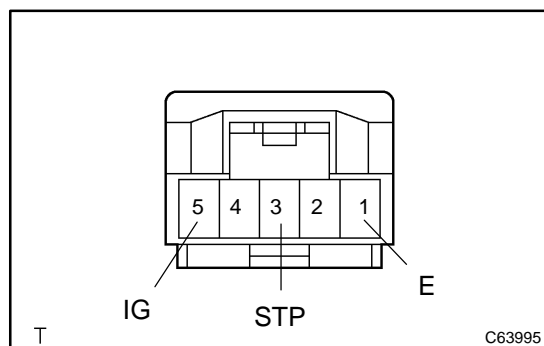
- Using a screwdriver, remove the shift lock release button cover.
- When operating the shift lever with pressing the shift lock release button and being the ignition key in ACC or ON, check that the lever can be shifted to any other position.

If operation can not be done as specified, check the shift lever assy installation condition.

3. CHECK KEY INTERLOCK OPERATION

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

If operation cannot be done as specified, inspect the shift lock control unit.



4. INSPECT SHIFT LOCK CONTROL COMPUTER

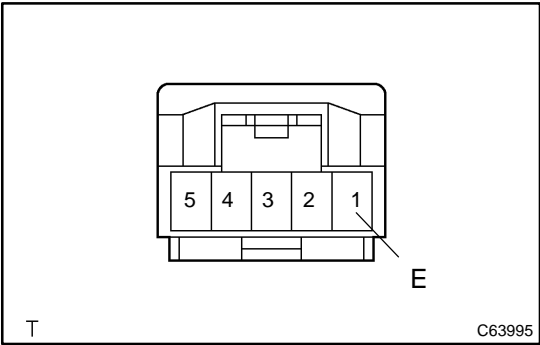
- Using a voltmeter, measure the voltage at each terminal.

HINT:

Do not disconnect the shift lock control unit connector.

Terminal	Measuring Condition	Voltage (V)
5 (IG) - 1 (E)	Ignition switch ON	10 - 14
5 (IG) - 1 (E)	Ignition switch OFF	0
3 (STP) - 1 (E)	Depress brake pedal	10 - 14
3 (STP) - 1 (E)	Release brake pedal	0

If the result is not as specified, replace the shift lock control unit.



- (b) Using an ohmmeter, measure the resistance between terminal E (1) and body ground.

Terminal	Measuring Condition	Voltage (V)
1 (E) – Body ground	Always	Continuity

If the result is not as specified, replace the shift lock control unit.