

WARM

6

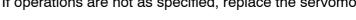
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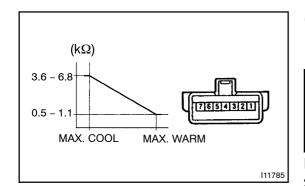
# INSPECTION

### 1. LHD models: INSPECT AIR MIX SERVOMOTOR

- (a) Inspect the air mix servomotor operation.
  - Connect the positive (+) lead from the battery to terminal 7 and negative (-) lead to terminal 6, then check that the arm turns to "COOL" side smoothly.

(2) Connect the positive (+) lead from the battery to terminal 6 and negative (-) lead to terminal 7, then check that the arm turns to "WARM" side smoothly.
If operations are not as specified, replace the servomotor.





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 (b) Inspect position sensor resistance. Measure resistance between terminals at servomotor arm each position as shown in the chart.

| Tester connection | Condition | Specified condition |
|-------------------|-----------|---------------------|
| 1 – 3             | Constant  | 4.2 – 7.8 kΩ        |
| 1 – 5             | Max. cool | 3.6 – 6.8 kΩ        |
| 1 – 5             | Max. warm | 0.5 – 1.1 kΩ        |

If resistance is not as specified, replace the servomotor.

## 2. INSPECT EVAPORATOR

(a) Check evaporator fins for blockage.

If the fins are clogged, clean them with compressed air. **NOTICE:** 

## Never use water to clean the evaporator.

(b) Check fitting for cracks or scratches.

If necessary, repair or replace.

## 3. INSPECT HEATER RADIATOR

Inspect fins for blockage.

If the fins are clogged, clean them with compressed air.