

## INSPECTION

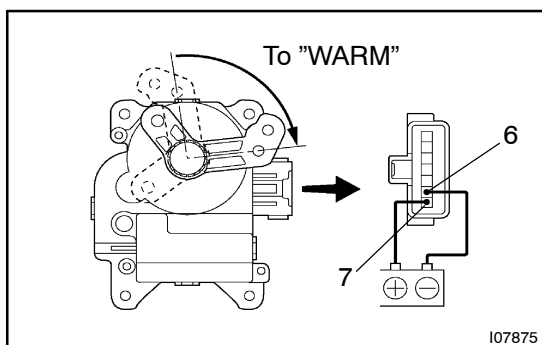
### 1. RHD: INSPECT AIR MIX SERVOMOTOR

#### (a) Inspect servomotor operation.

- (1) Connect the positive (+) lead from the battery to terminal 6 and negative (-) lead to terminal 7, then check that the arm turns to "COOL" side smoothly.

- (2) Connect the positive (+) lead from the battery to terminal 7 and negative (-) lead to terminal 6, then check that the arm turns to "WARM" side smoothly.

If operations are not as specified, replace the servomotor.



#### (b) Inspect position sensor resistance.

Measure resistance between terminals at servomotor arm each position as shown in the chart.

Tester connection	Condition	Specified condition
4 – 5	Constant	4.2 – 7.8 k $\Omega$
3 – 4	Arm position at "COOL"	3.3 – 6.3 k $\Omega$
3 – 4	Arm position at "WARM"	0.8 – 1.6 k $\Omega$

If resistance is not as specified, replace the servomotor.

### 2. CHECK HEATER RADIATOR FINS FOR BLOCKAGE

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

### 3. CHECK FITTING FOR CRACKS OR SCRATCHES

If necessary repair or replace.

