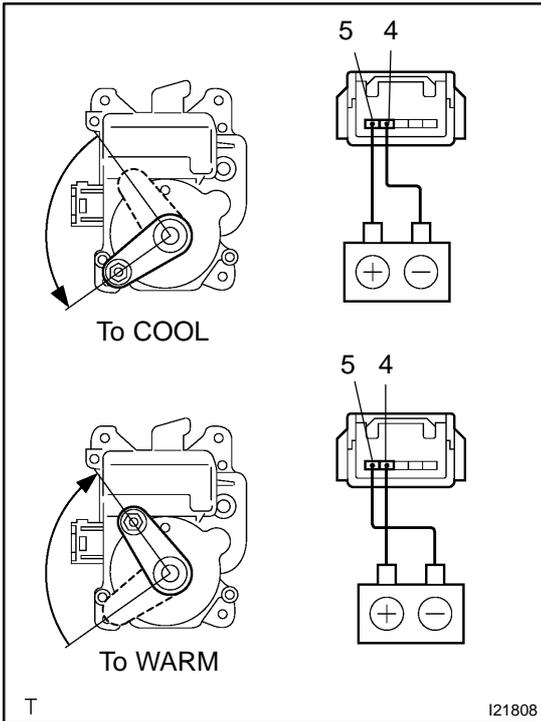


AIR MIX SERVOMOTOR INSPECTION

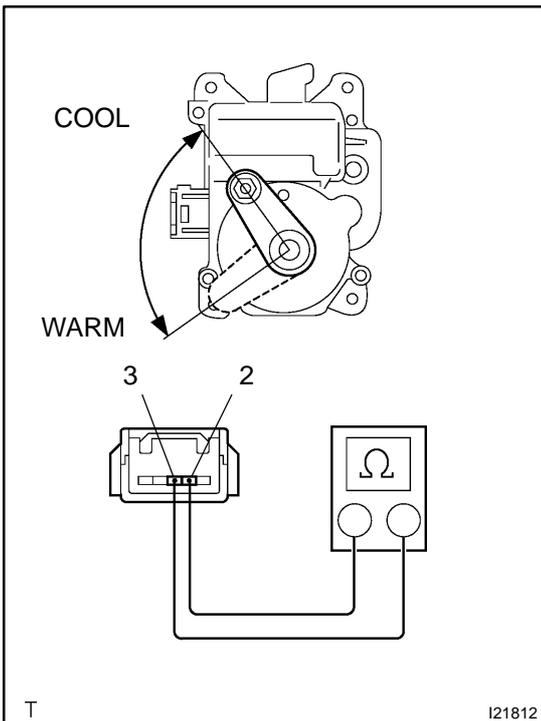
1. REMOVE AIR MIX SERVOMOTOR
 - (a) Disconnect the servomotor connector.
 - (b) Remove the 3 screws and servomotor.



2. INSPECT AIR MIX SERVOMOTOR

- (a) Inspect servomotor operation.
 - (1) Connect the positive (+) lead from the battery to terminal 5 and negative (-) lead to terminal 4, then check that the arm turns to "COOL" side smoothly.
 - (2) Connect the positive (+) lead from the battery to terminal 4 and negative (-) lead to terminal 5, then check that the arm turns to "WARM" side smoothly.

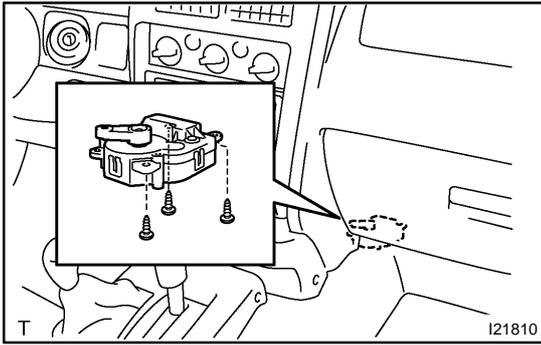
If operations are not as specified, replace the servomotor.



- (b) Inspect position sensor resistance.
 - (1) Place the servomotor arm in the "WARM" position and measure the resistance between terminals 2 and 3.
Please refer to the chart below for specification.
 - (2) Place the servomotor arm in the "COOL" position and measure the resistance between terminals 2 and 3.
Please refer to the chart below for specification.

Tester connection	Condition	Specified condition
2 - 3	Arm position at "WARM"	0.8 - 1.6 kΩ
2 - 3	Arm position at "COOL"	3.4 - 6.2 kΩ

If resistance is not as specified, replace the servomotor.



- 3. INSTALL AIR MIX SERVOMOTOR**
- (a) Install the 3 screws and servomotor.
 - (b) Connect the servomotor connector.