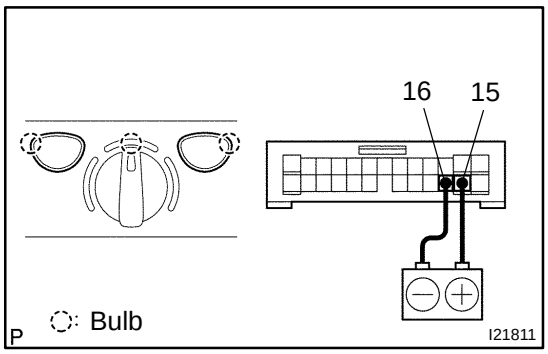
AC3FL–01

INSPECTION

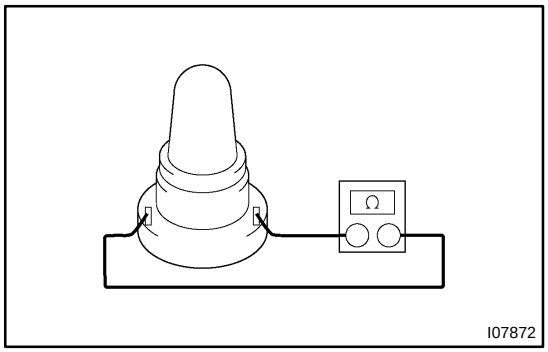
1. INSPECT ILLUMINATION OPERATION



Connect the positive (+) lead from the battery to terminal 15 and negative (–) lead to terminal 16 then check that the illuminations lights up.

If operation is not as specified, check the faulty bulb.

2. INSPECT BULB

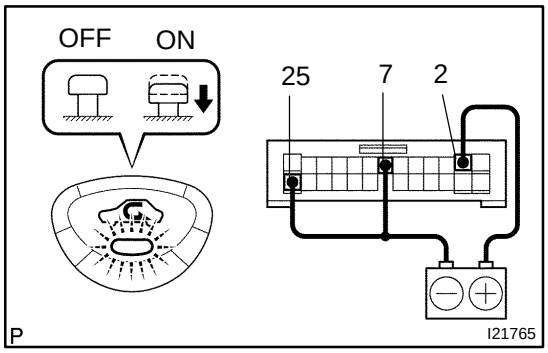


Apply the tester as shown in the illustration to the test for continuity.

If continuity exists, replace the heater control.

If no continuity exists, replace the bulb.

3. INSPECT RECIRC INDICATOR OPERATION

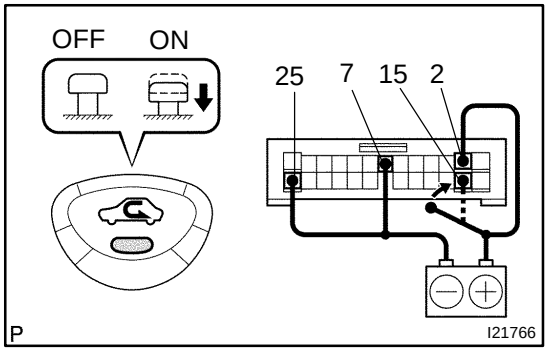


(a) Connect the positive (+) lead from the battery to terminal 2 and the negative (–) lead to terminal 7, 25.

(b) Push the REC button in and then check that the indicator lights up.

If operation is not as specified, replace the switch circuit board.

4. INSPECT DIMMING OPERATION



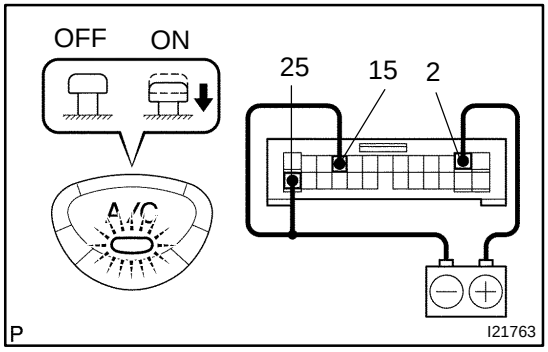
(a) Connect the positive (+) lead from the battery to terminal 2 and the negative (–) lead to terminal 7, 25 while press the switch.

(b) Push the REC button in and then check that the indicator lights up.

(c) Connect the positive (+) lead from the battery to terminal 15 and then check that the indicator dims.

If operation is not as specified, replace the switch circuit board.

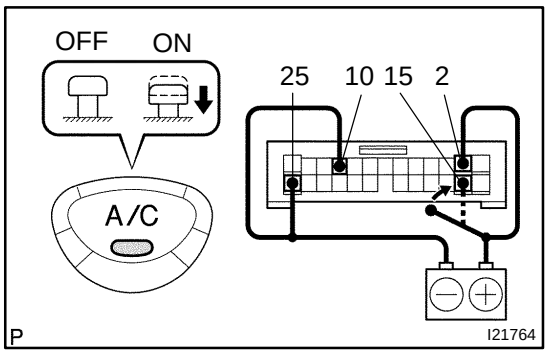
5. INSPECT A/C INDICATOR OPERATION



(a) Connect the positive (+) lead from the battery to terminal 2 and negative (–) lead to terminal 10, 25.

(b) Push the A/C button in and then check that the indicator lights up.

If operation is not as specified, replace the switch circuit board.



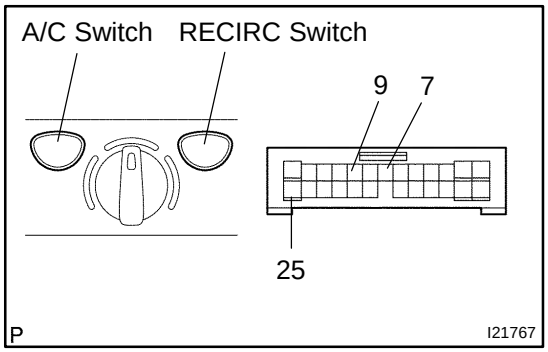
6. INSPECT DIMMING OPERATION

(a) Connect the positive (+) lead from the battery to terminal 2 and negative (–) lead to terminal 10, 25 while press the switch.

(b) Push the A/C button in and then check that the indicator lights up.

(c) Connect the positive (+) lead from the battery to terminal 20 and then check that the indicator dims.

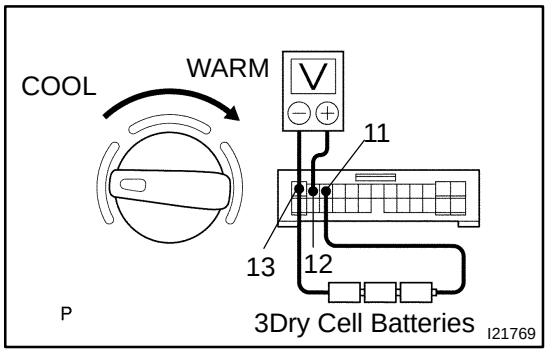
If operation is not as specified, replace the switch circuit board.



7. INSPECT SWITCH CONTINUITY

Check the continuity between terminals while switch is pressed, as shown in the chart.

Switch	Tester connection	Specified condition
A/C	9 – 25	Continuity
RECIRC	7 – 25	Continuity



8. INSPECT TEMPERATURE CONTROL SWITCH OPERATION

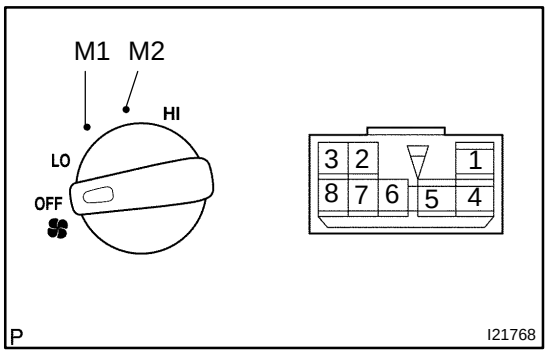
(a) Check that the resistance between terminals 11 and 13 is approx. 3.0 KΩ

(b) Connect the positive (+) lead from the three 1.5 V dry cell batteries to terminal 11 and negative (–) lead to terminal 13.

(c) Connect the positive (+) lead from the tester to terminal 12 and negative (–) lead to terminal 13.

(d) Gradually turn the switch from ”MAX. WARM” side to ”MAX. COOL” side and check that the voltage increase from 0 to 4.5 V.

If operation is not as specified, replace the heater control base.

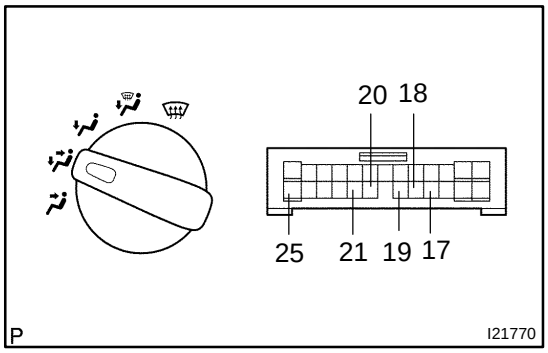


9. INSPECT BLOWER SPEED CONTROL SWITCH OPERATION

Check the continuity between terminals at each switch position as shown in the chart.

Position/ Circuit	Tester connection	Specified condition
OFF	–	No continuity
LO	1 – 8	Continuity
M1	1 – 6 – 8	Continuity
M2	1 – 5 – 8	Continuity
HI	1 – 4 – 8	Continuity

If continuity is not as specified, replace the heater control base.



10. INSPECT MODE SWITCH CONTINUITY

Check the continuIty between terminals at each switch position as shown in the chart.

Switch position	Tester connection	Specified condition
FACE	17 – 25	Continuity
B/L	18 – 25	Continuity
FOOT	19 – 25	Continuity
FOOT/DEF.	20 – 25	Continuity
DEF.	21 – 25	Continuity

If continuity is not as specified, replace the switch.