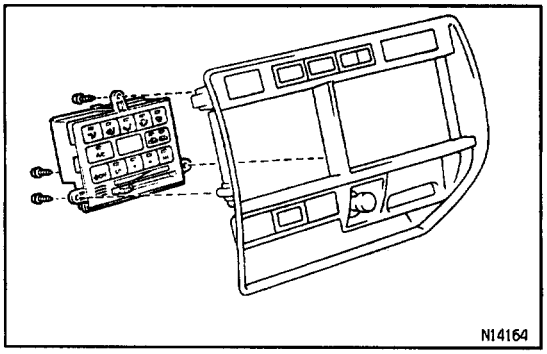


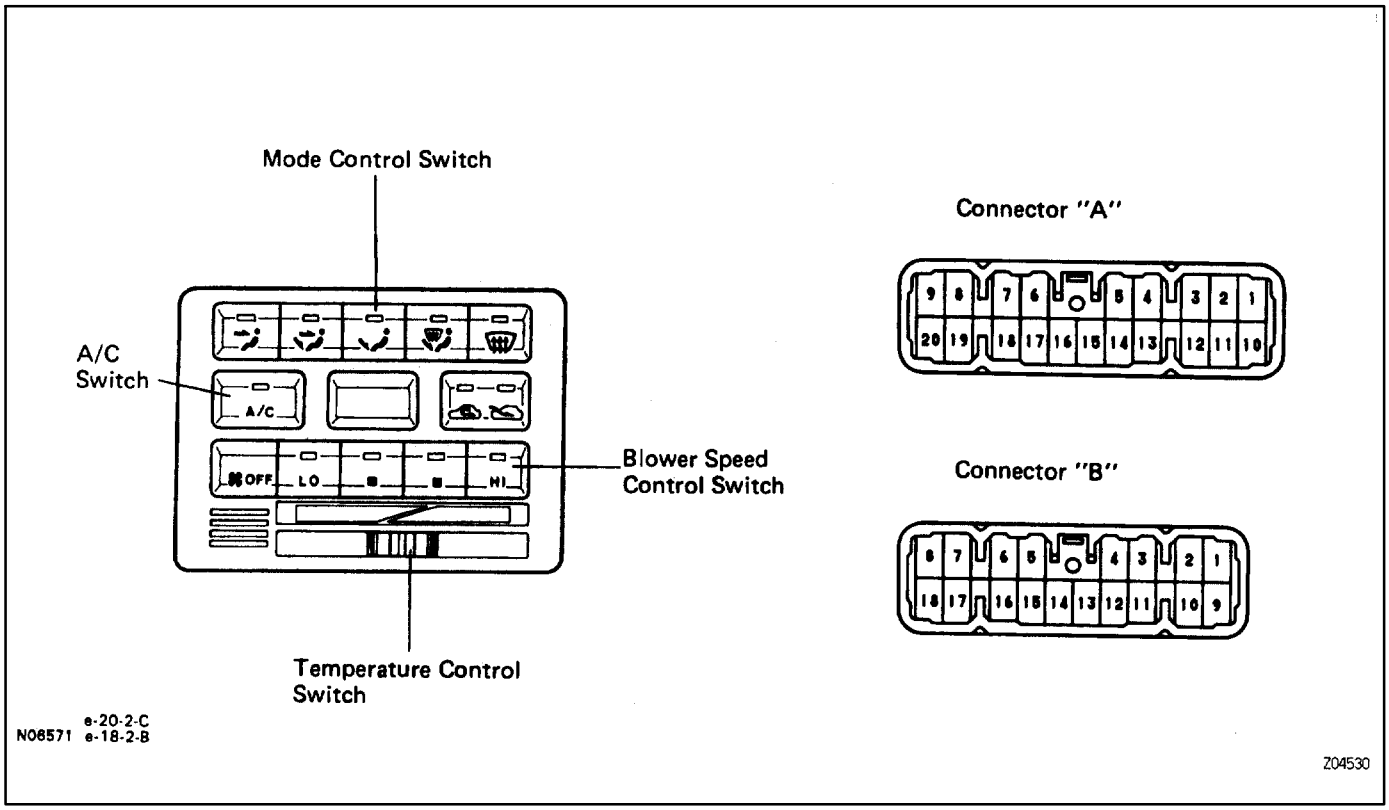
AIR CONDITIONING CONTROL ASSEMBLY

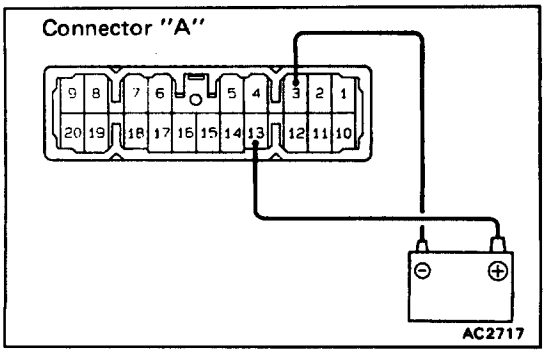
A/C CONTROL ASSEMBLY REMOVAL

Installation is in the reverse order of removal.

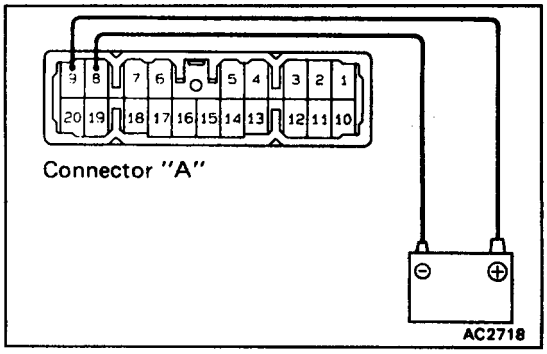
1. **REMOVE INSTRUMENT CLUSTER FINISH CENTER PANEL WITH A/C CONTROL ASSEMBLY**
2. **REMOVE A/C CONTROL ASSEMBLY**
   Remove the 3 screws and A/C control assembly from center panel.

A/C CONTROL ASSEMBLY INSPECTION





1. **INSPECT ILLUMINATION OPERATION**
   Connect the positive (+) lead from the battery to terminal A–13 and the negative (–) lead to terminal A–3, then check that the illuminations light up.
   If illuminations do not light up, test the bulb.



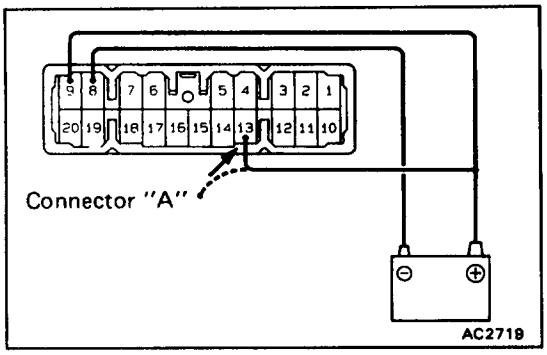
2. INSPECT INDICATOR LIGHT OPERATION

Air Inlet Control Switch:

(a) Connect the positive (+) lead from the battery to terminal A–9 and the negative (–) lead to terminal A–8.

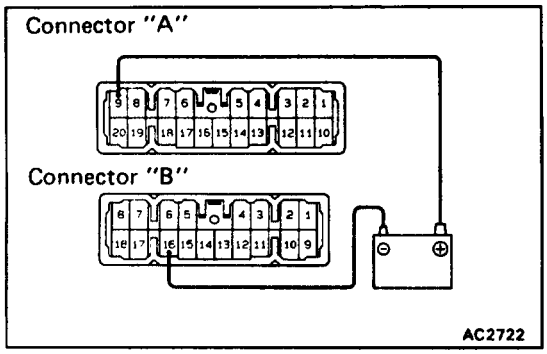
(b) With the air inlet control button pushed in, check that the FRESH or RECIRC indicator light lights up.

(c) Next, push in the button again, and check that the indicator light goes off and the other indicator light lights up.



(d) Then connect the positive (+) lead from the battery to terminal A–13 and check that the indicator dims.

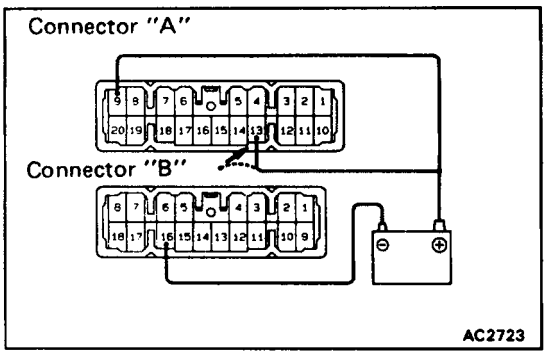
If operation is not as specified, replace the A/C control assembly.



Mode Control Switch:

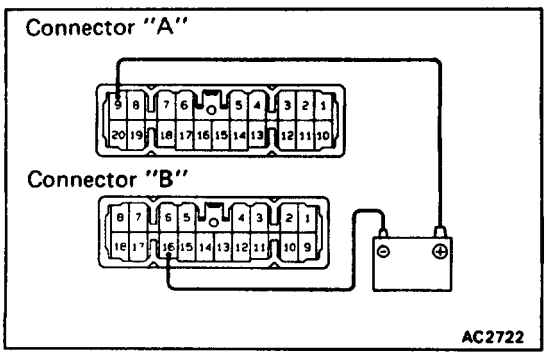
(a) Connect the positive (+) lead from the battery to terminal A–9 and the negative (–) lead to terminal B–16.

(b) Push each of the mode buttons in and check that their indicator light lights up.



(c) Then connect the positive (+) lead from the battery to terminal A–13 and check that the indicator dims.

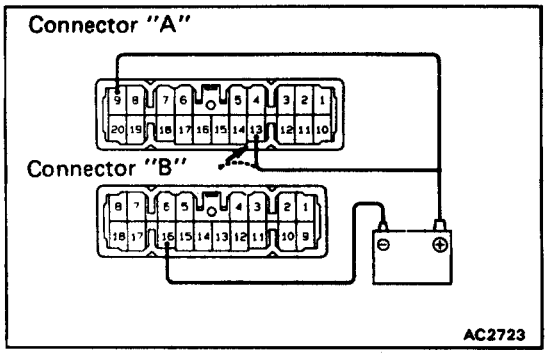
If operation is not as specified, replace the A/C control assembly.



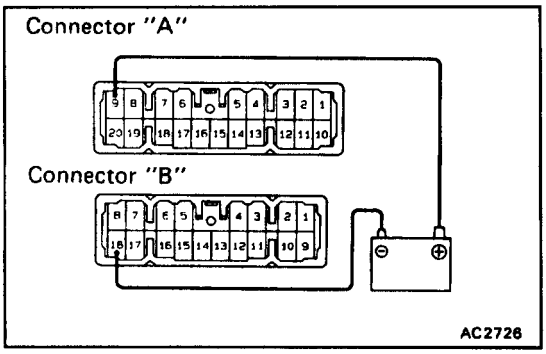
Blower Speed Control Switch:

(a) Connect the positive (+) lead from the battery to terminal A–9 and the negative (–) lead to terminal B–16.

(b) Push each of the blower speed control buttons in and check that their indicator light lights up.



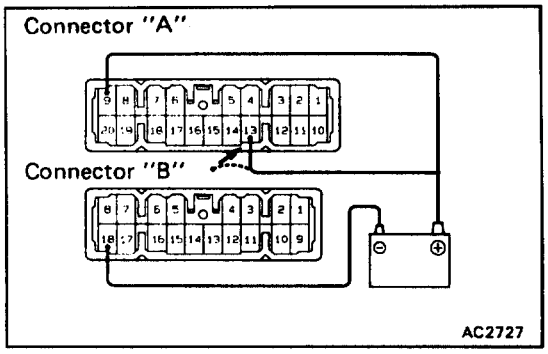
(c) Then connect the positive (+) lead from the battery to terminal A–13 and check that the indicator dims.
If operation is not as specified, replace the A/C control assembly.



A/C Switch:

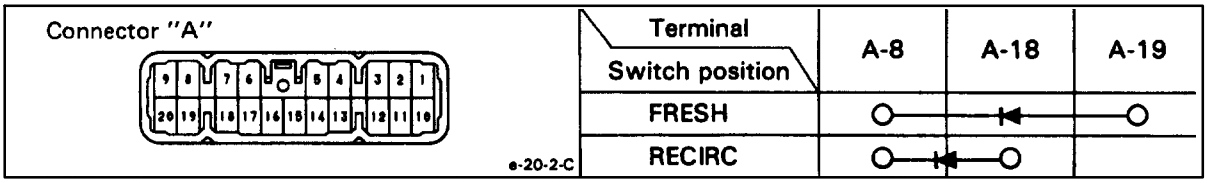
(a) Connect the positive (+) lead from the battery to terminal A–9 and the negative (–) lead to terminal B–18.

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



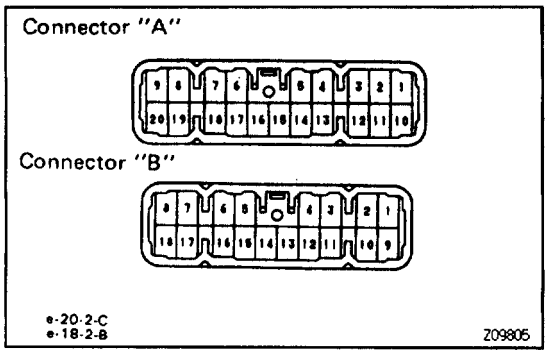
(c) Then, connect the positive (+) lead from the battery to terminal A–13 and check that the indicator dims.
If operation is not as specified, replace the A/C control assembly.

3. INSPECT AIR INLET CONTROL SWITCH CONTINUITY



If continuity is not as specified, replace the A/C control assembly.

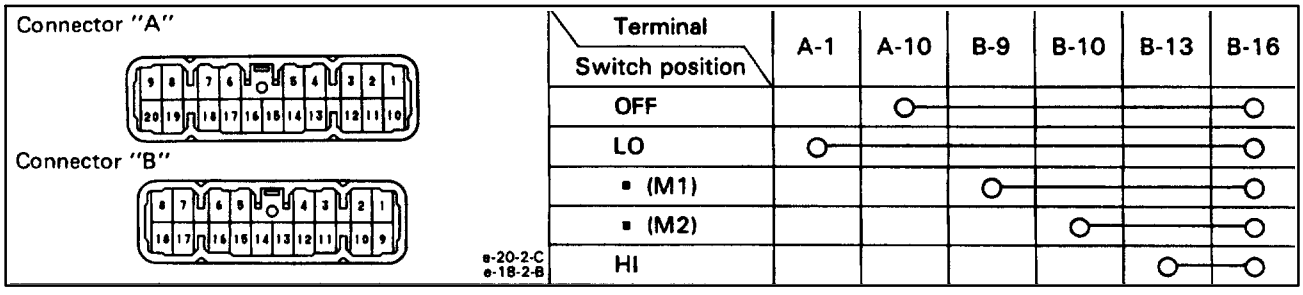
4. INSPECT MODE CONTROL SWITCH CONTINUITY



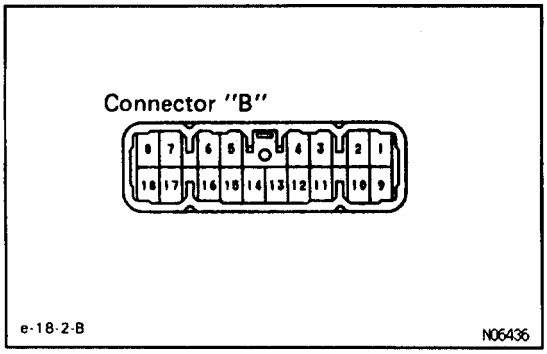
Switch position	Tester connection to terminal number	Specified condition
FACE	A14 – B16	Continuity
BI–LEVEL	A12 – B16	Continuity
FOOT	A17 – B16	Continuity
FOOT–DEF	B11 – B16	Continuity
DEF	B4 – B16	Continuity

If continuity is not as specified, replace the A/C control assembly.

5. INSPECT BLOWER SPEED CONTROL SWITCH CONTINUITY



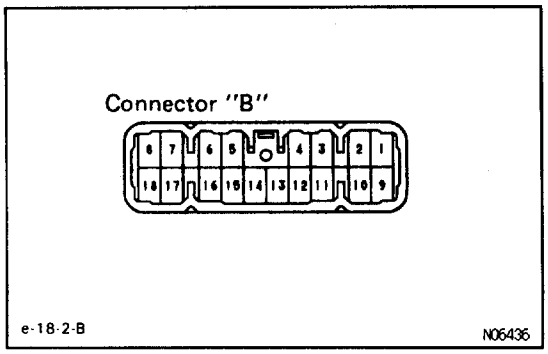
If continuity is not as specified, replace the A/C control assembly.



6. INSPECT A/C SWITCH CONTINUITY

Check that there is continuity between terminals B–6 and B–17 intermittently each time the A/C switch button pressed.

If continuity is not as specified, replace the A/C control assembly.



TEMPERATURE CONTROL SWITCH INSPECTION

INSPECT TEMPERATURE CONTROL SWITCH RESISTANCE

(a) Measure the resistance between terminals B–1 and B–2.

Standard resistance:

Approx. 3.0 kΩ

(b) Check that the resistance between terminals B–1 and B–3 increases from 0 to approx. 3.0 kΩ when the switch knob is turned from COOL to HOT.

If operation is not as specified, replace the A/C control assembly.

A/C CONTROL CABLES ADJUSTMENT

ADJUST WATER VALVE CONTROL CABLE

(See page AC–46)