

AIR CONDITIONING CONTROL ASSEMBLY

A/C CONTROL CABLES ADJUSTMENT

ADJUST WATER VALVE CONTROL CABLE

(See page [AC-56](#))

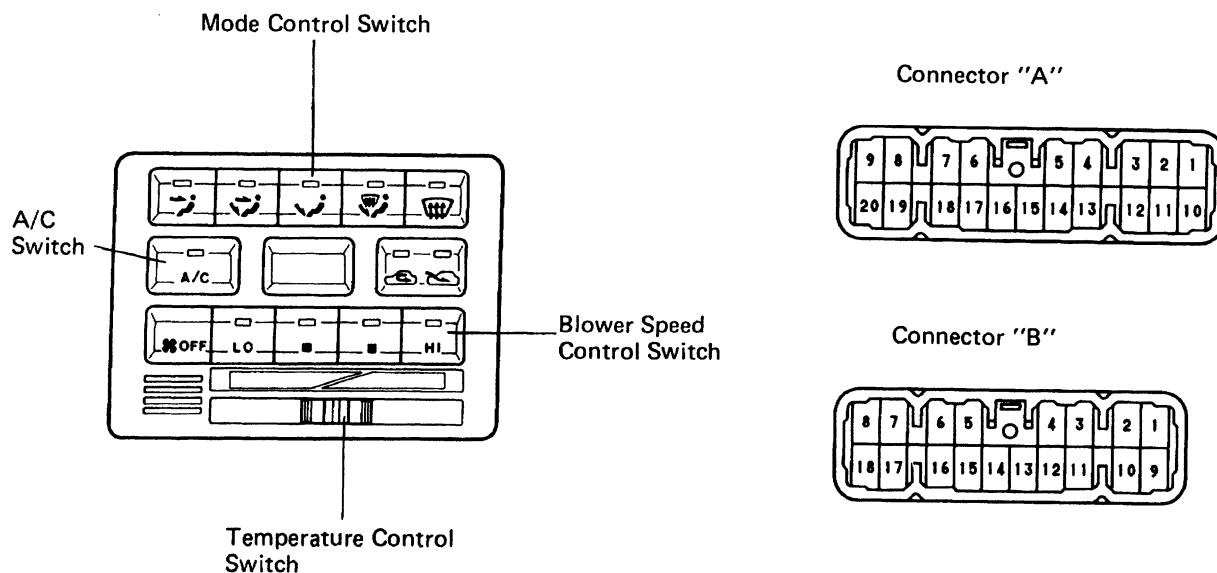
A/C CONTROL ASSEMBLY REMOVAL

ACOMR-01

1. DISCONNECT NEGATIVE CABLE FROM BATTERY
2. REMOVE INSTRUMENT CLUSTER FINISH CENTER PANEL WITH A/C CONTROL ASSEMBLY
3. REMOVE A/C CONTROL ASSEMBLY

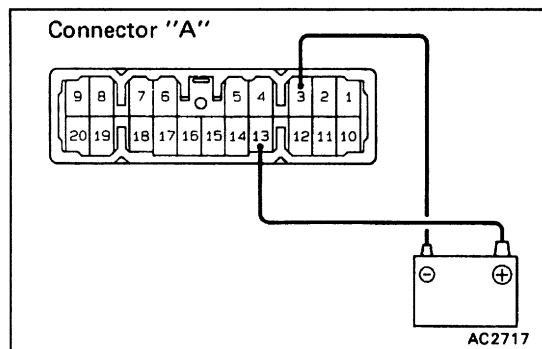
Remove three screws and A/C control assembly from center panel.

A/C CONTROL ASSEMBLY INSPECTION



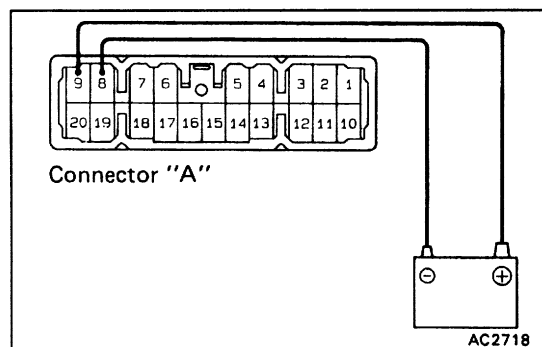
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Z04530



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.

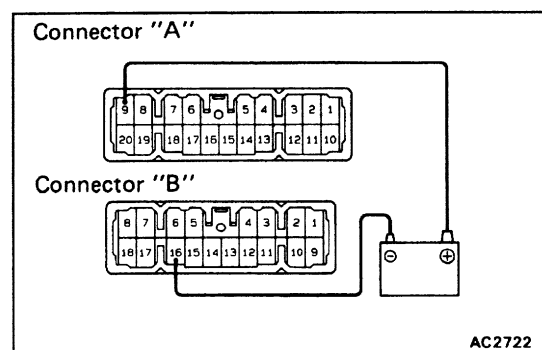
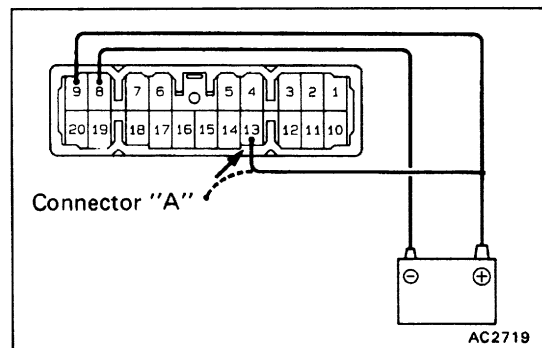


2. INSPECT INDICATOR LIGHT OPERATION

(Air Inlet Control Switch)

- Connect the positive (+) lead from the battery to terminal A-9 and the negative (-) lead to terminal A-8.
- With the air inlet control button pushed in, check that the FRESH or RECIRC indicator light lights up.
- Next, push in the button again, and check that the indicator light goes off and the other indicator light lights up.
- Then connect the positive (+) lead from the battery to terminal A-13 and check that the indicator dims.

If indicators operation is not as specified, test the bulb.

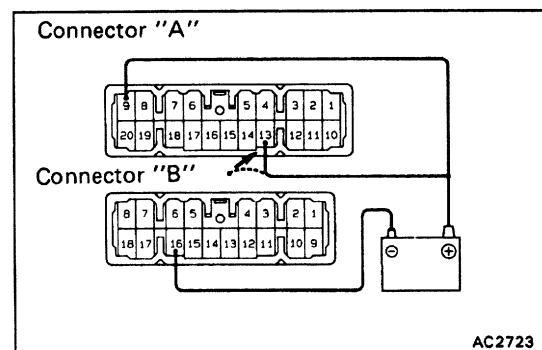


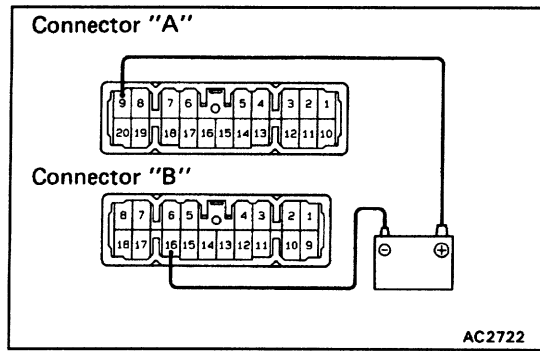
(Mode Control Switch)

- Connect the positive (+) lead from the battery to terminal A-9 and the negative (-) lead to terminal B-16.
- Push each of the mode buttons in and check that their indicator light lights up.

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

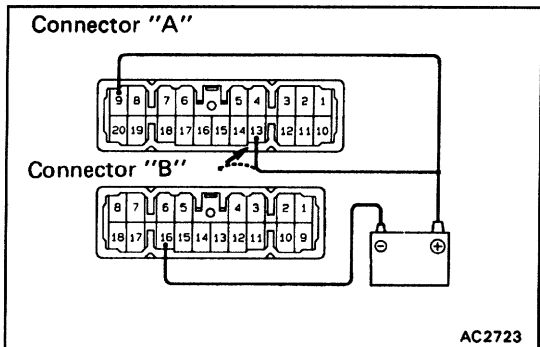
If indicators operation is not as specified, test the bulb.





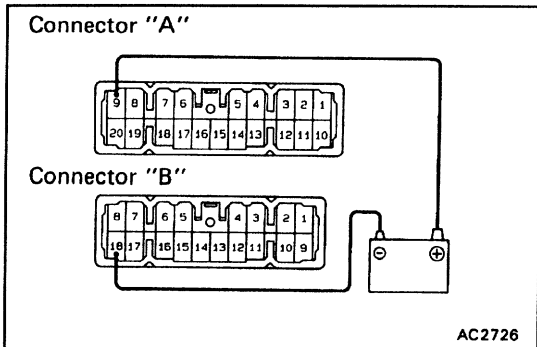
(Blower Speed Control Switch)

- Connect the positive (+) lead from the battery to terminal A-9 and the negative (-) lead to terminal B-16.
- Push each of the blower speed control buttons in and check that their indicator light lights up.



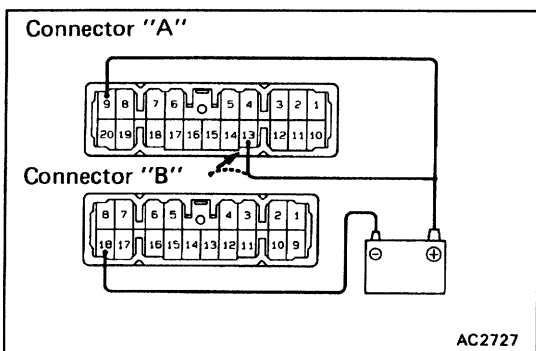
- Then connect the positive (+) lead from the battery to terminal A-13 and check that the indicator dims.

If indicators operation is not as specified, test the bulb.



(A/C Switch)

- Connect the positive (+) lead from the battery to terminal A-9 and the negative (-) lead to terminal B-18.
- Push the A/C switch button in and check that the indicator light lights up.



- Then, connect the positive (+) lead from the battery to terminal A-13 and check that the indicator dims. If indicators operation is not as specified, test the bulb.

3. INSPECT AIR INLET CONTROL SWITCH CONTINUITY

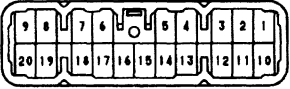
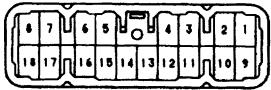
If continuity is not as specified, replace the A/C control assembly.

Terminal	A-8	A-18	A-19
Switch position			
FRESH	○	←	○
RECIRC	○	→	○

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4. INSPECT MODE CONTROL SWITCH CONTINUITY

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

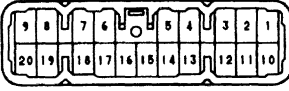
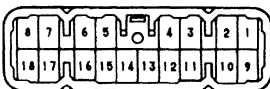
Connector "A"		Terminal	A-7	A-11	A-12	A-14	B-4	B-11	B-16
		Switch position							
Connector "B"		FACE				○	—	—	○
		BI-LEVEL			○	—	—	—	○
		FOOL	○	—	—	—	—	—	○
		FOOT-DEF						○	○
		DEF					○	—	○

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5. INSPECT BLOWER SPEED CONTROL SWITCH CONTINUITY

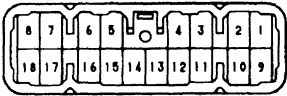
If continuity is not as specified, replace the A/C control assembly.

Connector "A"		Terminal	A-1	A-10	B-9	B-10	B-13	B-16
		Switch position						
Connector "B"		OFF		○	—	—	—	○
		LO	○	—	—	—	—	○
		• (M1)			○	—	—	○
		• (M2)				○	—	○
		HI					○	○

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Connector "B"



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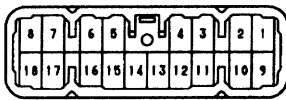
6. INSPECT A/C SWITCH CONTINUITY

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.

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Connector "B"



e-18-2-B

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TEMPERATURE CONTROL SWITCH INSPECTION

INSPECT TEMPERATURE CONTROL SWITCH RESISTANCE

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

Resistance: Approx. 3 k Ω

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

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

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A/C CONTROL ASSEMBLY INSTALLATION

INSTALL A/C CONTROL ASSEMBLY

Install by following the removal procedure in reverse order.