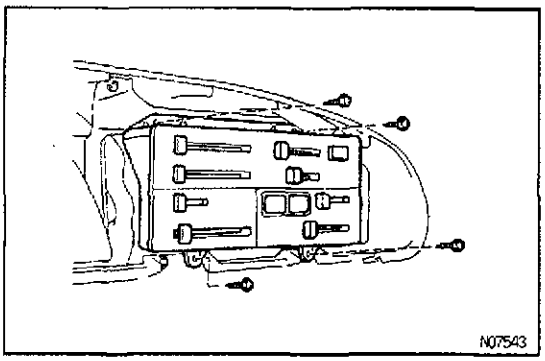
AIR CONDITIONING CONTROL ASSEMBLY

ON–VEHICLE INSPECTION

AC0TX-01

INSPECT AIR CONTROL LEVERS OPERATION

Move the control levers left and right and check for stiffness and binding through the full range of the levers.



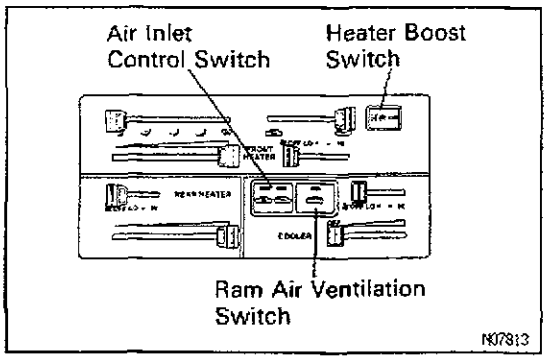
AIR CONDITIONING CONTROL ASSEMBLY REMOVAL

AC0TY-01

1. **REMOVE CLUSTER FINISH PANEL**
   (See page BO–72)
2. **REMOVE AIR CONDITIONING CONTROL ASSEMBLY**

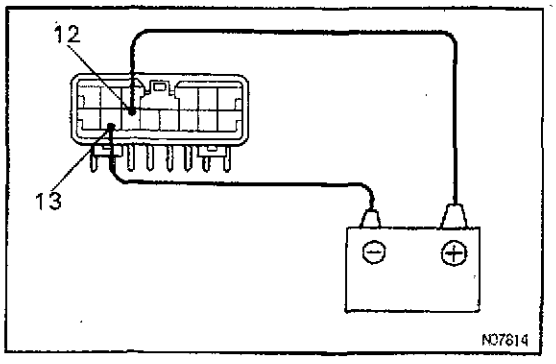
(a) Disconnect the control cables from the heater unit.
(b) Disconnect the air inlet control cable from the air control assembly.
(c) Disconnect the connectors.
(d) Remove the 4 screws and the air conditioning control assembly.

AC

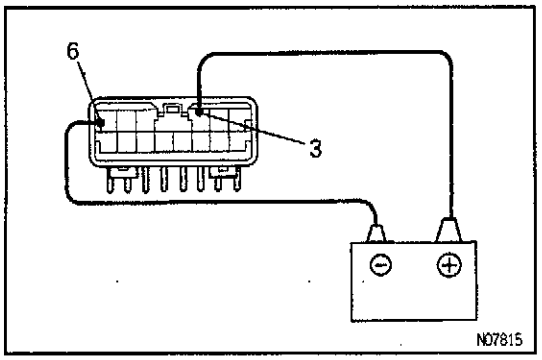


AIR CONDITIONING CONTROL ASSEMBLY INSPECTION

AC0TZ-01



1. **INSPECT AIR CONDITIONING ASSEMBLY**
   Illmination light operation
   Connect the positive (+) lead from the battery to terminal 12 and the negative (–) lead to terminal 13, then check that the illuminations light up.
   If illuminations do not light up, test the bulb.



Indicator light operation

(Air Inlet Control Switch)

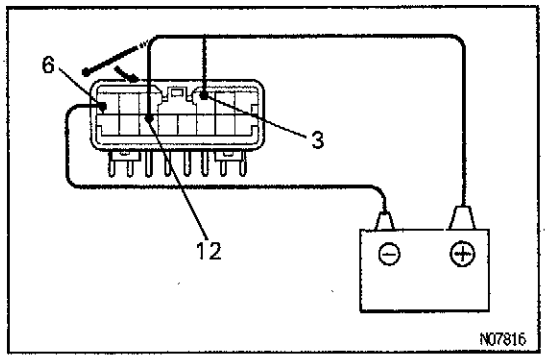
(a) Connect the positive (+) lead from the battery to terminal 3 and the negative (−) lead to terminal 6.

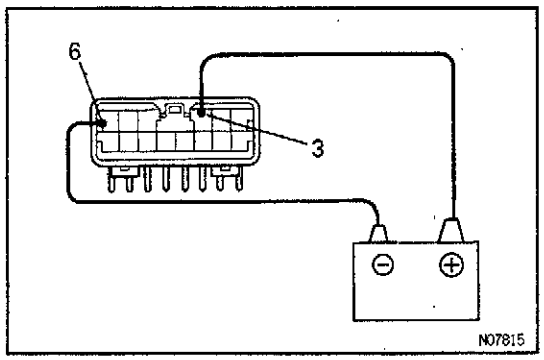
(b) With the air inlet control button pushed in, check that the FRESH or RECIRC indicator light lights up.

(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 12 and check that the indicator dims.

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

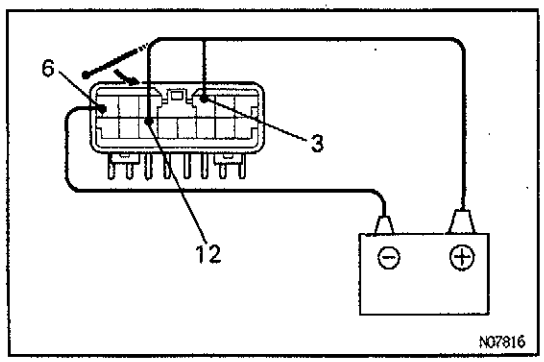




(Ram Air Ventilation Switch)

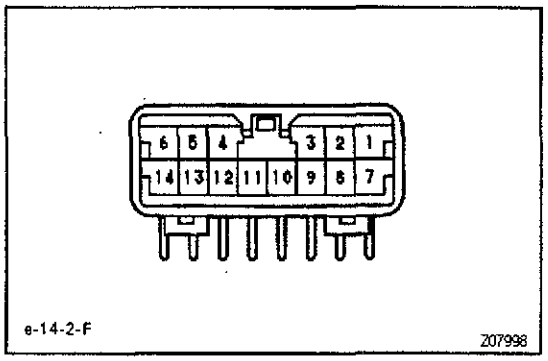
(a) Connect the positive (+) lead from the battery to terminal 3 and the negative (−) lead to terminal 6.

(b) Push the ram air ventilation switch button in and check that the VENTILATION and FRESH indicator light lights up.



(c) Then connect the positive (+) lead from the battery to terminal 12 and check that the indicator dims.

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



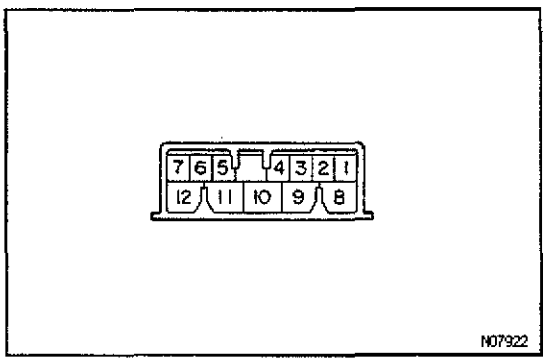
2. INSPECT AIR INLET CONTROL AND RAM AIR VENTILATION SWITCHES

Continuity

Condition	Tester connection to terminal number	Specified value
FRESH and Ram Air Ventilation SW OFF	3–1, 3–4 2–5, 2–6, 5–6	Continuity
RECIRC and Ram Air Ventilation SW OFF	3–2, 3–4 1–5, 1–6, 5–6	Continuity
Ram Air Ventilation SW ON	3–1, 3–5 2–4, 2–6, 4–6	Continuity

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

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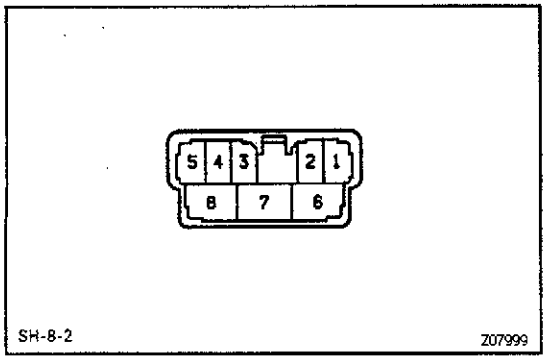
3. INSPECT FRONT HEATER BLOWER SWITCH

Continuity

Terminal / Switch position	1	8	9	11	12	Illumination 6	Illumination 7
OFF							
LO			○		○		
■ (M1)	○		○		○	○	○
■ (M2)		○	○		○		
HI			○	○	○		

V03255

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



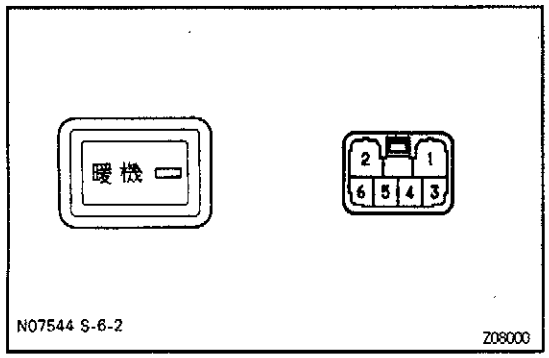
4. INSPECT REAR HEATER BLOWER SWITCH

Continuity

Terminal / Switch position	1	5	6	8	Illumination 3	Illumination 4
OFF						
LO		○—○				
■	○	○—○			○—○	
HI		○	○—○	○		

V03256

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



5. INSPECT HEATER BOOST SWITCH

Continuity

Condition	Tester connection to terminal number	Specified value
OFF	–	No continuity
ON	5 – 6	Continuity

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

AC

AIR CONDITIONING CONTROL ASSEMBLY INSTALLATION

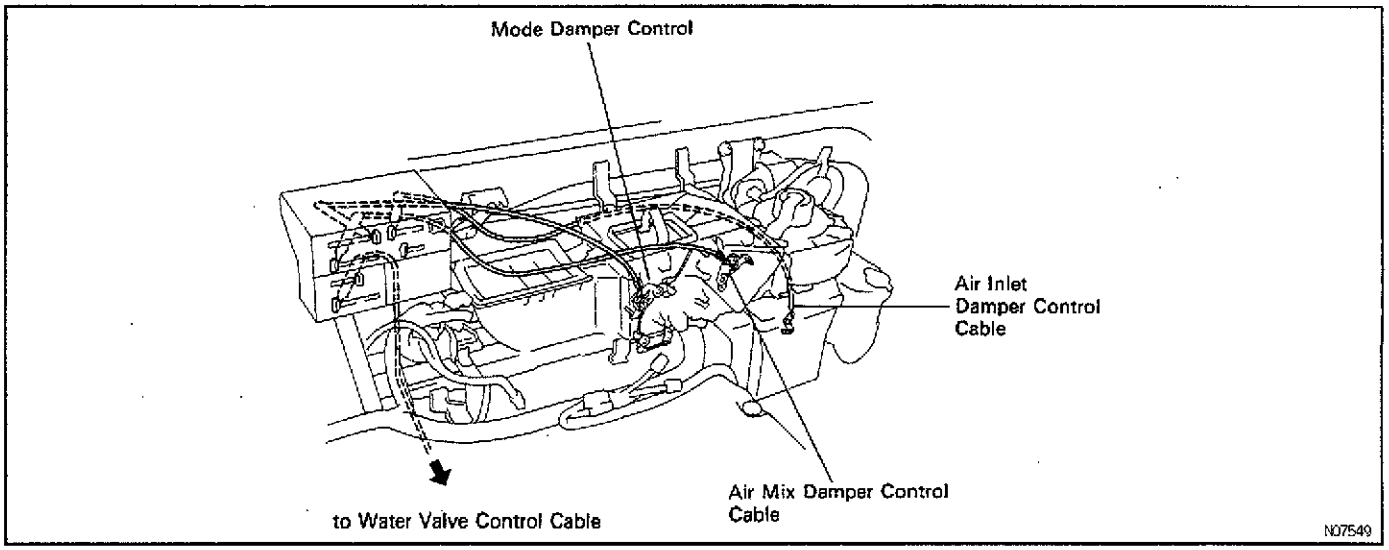
AC0U0-01

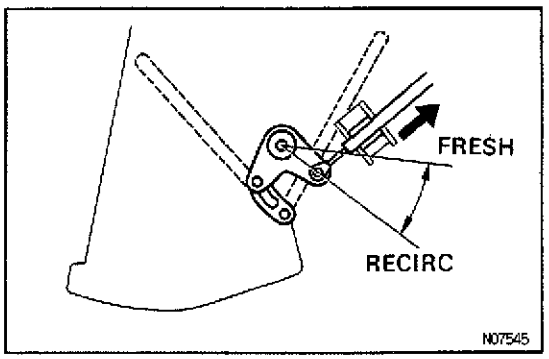
Install by following the removal procedure in reverse order.

HINT: For installing the control cable, refer to "Air Control Cables Adjustment".

AIR CONDITIONING CONTROL CABLES ADJUSTMENT

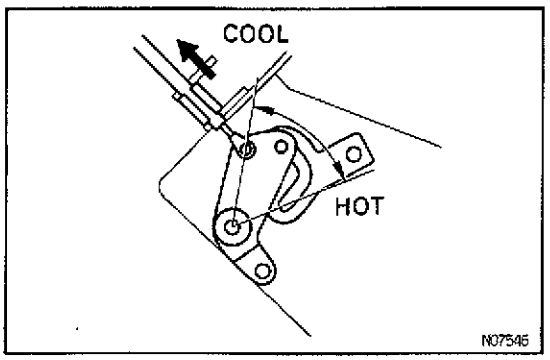
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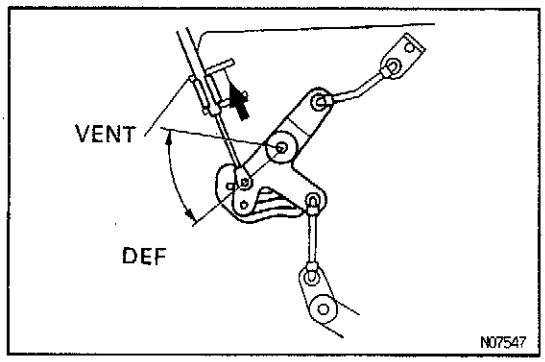
1. ADJUST AIR INLET DAMPER CONTROL CABLE

Set the air inlet damper and the control lever to " FRESH" position, install the control cable and lock the clamp.



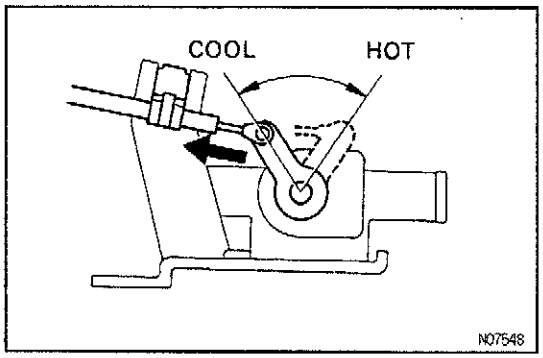
2. ADJUST AIR MIX DAMPER CONTROL CABLE

Set the air mix damper and the control lever to " COOL" position, install control cable and lock the clamp.



3. ADJUST MODE DAMPER CONTROL CABLE

Set the mode damper and the control lever to "VENT" position, install the control cable and lock the clamp.



4. ADJUST WATER VALVE CONTROL CABLE

Set the water valve and the control lever to "COOL" position, install the control cable and lock the clamp.