

AIR CONDITIONING CONTROL ASSEMBLY

ON-VEHICLE INSPECTION

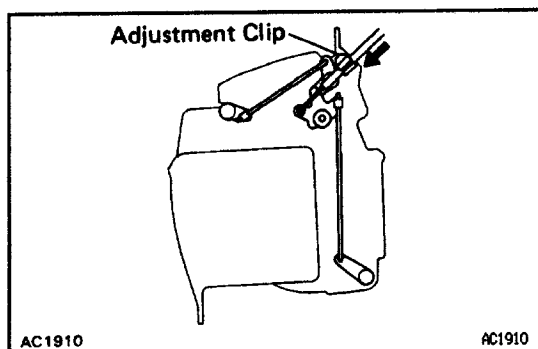
INSPECT A/C CONTROL LEVERS OPERATION

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

A/C CONTROL CABLES ADJUSTMENT

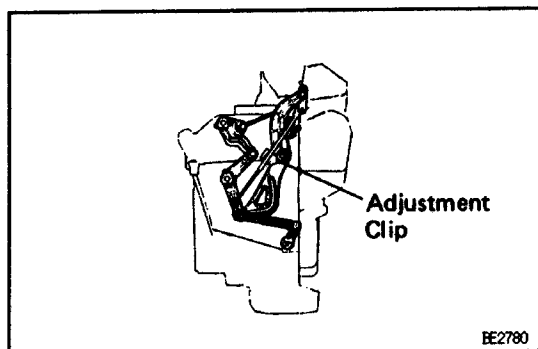
1. ADJUST AIR INLET DAMPER CONTROL CABLE

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



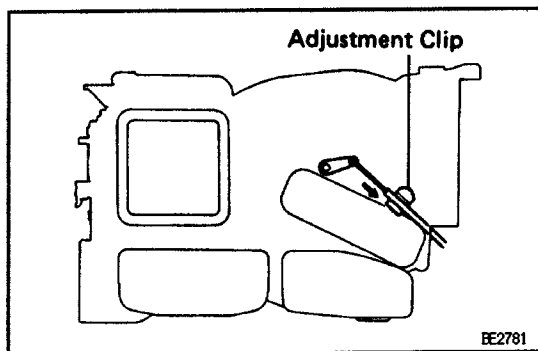
2. ADJUST MODE DAMPER CONTROL CABLE

Set the mode damper on "DEF" position, install the control cable and lock the clamp.



3. ADJUST AIR MIX DAMPER CONTROL CABLE

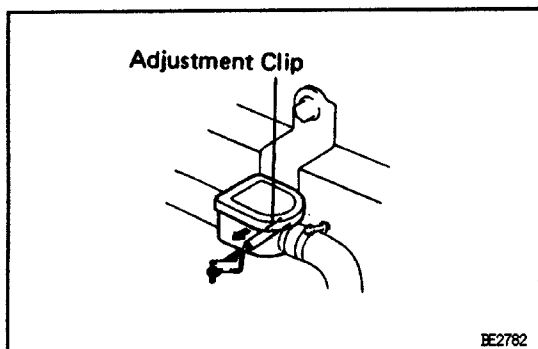
Set the air mix damper on "COOL" position, install the control cable and lock the clamp.



4. ADJUST WATER VALVE CONTROL CABLE

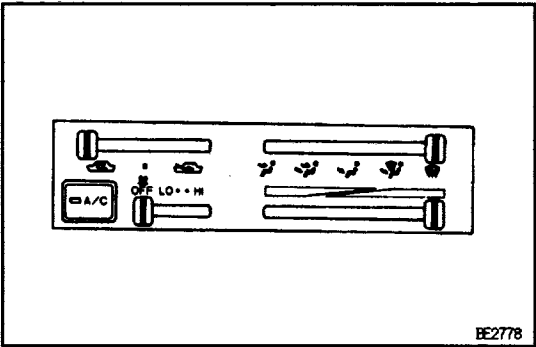
Set the water valve on "COOL" position, install the control cable lock the clamp.

HINT: Place the water valve lever on "COOL" and while pushing the outer cable in the "COOL" direction, clamp the outer cable to the water valve bracket.



A/C CONTROL ASSEMBLY REMOVAL

(See page [BO-51](#))



BLOWER SPEED CONTROL SWITCH REMOVAL

REMOVE BLOWER SPEED CONTROL SWITCH

- (a) Remove the illumination light from the A/C control assembly.
- (b) Using a screwdriver, pry loose the clip and push out the blower speed control switch to rear of the A/C control assembly.

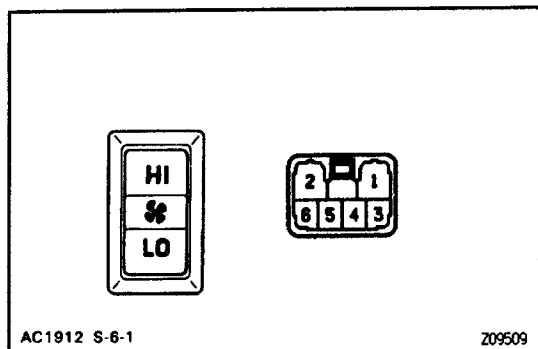
LOWER CONTROL SWITCH INSPECTION

1. INSPECT FRONT BLOWER CONTROL SWITCH

Continuity

Terminal Switch position	1	2	5	6	8	Illumination	
						3	4
OFF							
LO			○	○			
○ (M1)	○		○	○		○	○
○ (M2)		○	○	○			
H1			○	○	○		

If continuity is not as specified, replace the blower speed control switch.



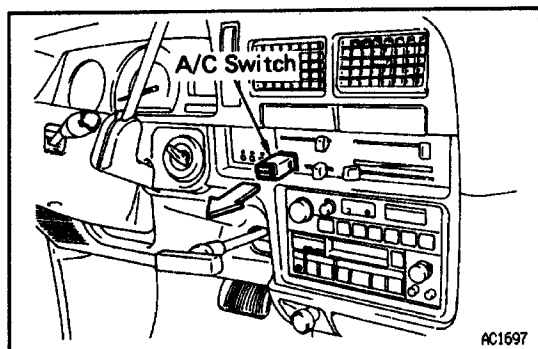
2. INSPECT REAR BLOWER CONTROL SWITCH CONTINUITY

Condition	Tester connection to terminal number	Specified value
Blower switch OFF	—	No continuity
Blower switch HI	1 – 2 – 4	Continuity
Blower switch LO	1 – 4	Continuity

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

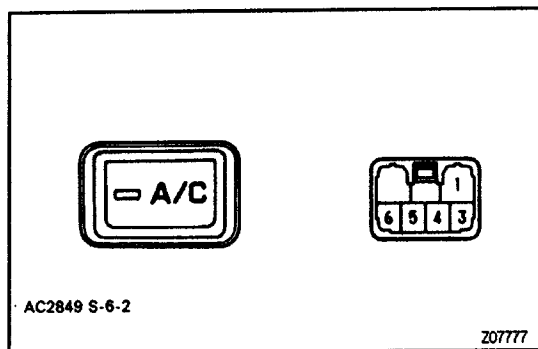
A/C SWITCH REMOVAL

1. DISCONNECT NEGATIVE (–) TERMINAL CABLE FROM BATTERY
2. REMOVAL GLOVE BOX
3. REMOVAL A/C SWITCH



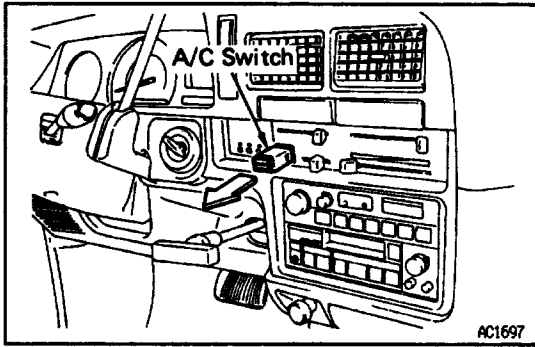
A/C SWITCH INSPECTION

INSPECT A/C SWITCH CONTINUITY



Condition	Tester connection to terminal number	Specified value
A/C switch OFF	—	No continuity
A/C switch ON	4 – 5 4 – 6	Continuity
Illumination circuit	1 – 3	Continuity

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



A/C SWITCH INSTALLATION

1. INSTALL A/C SWITCH
2. INSTALL GLOVE BOX
3. CONNECT NEGATIVE (–) TERMINAL CABLE TO BATTERY

A/C CONTROL ASSEMBLY INSTALLATION

(See page [BO-51](#))