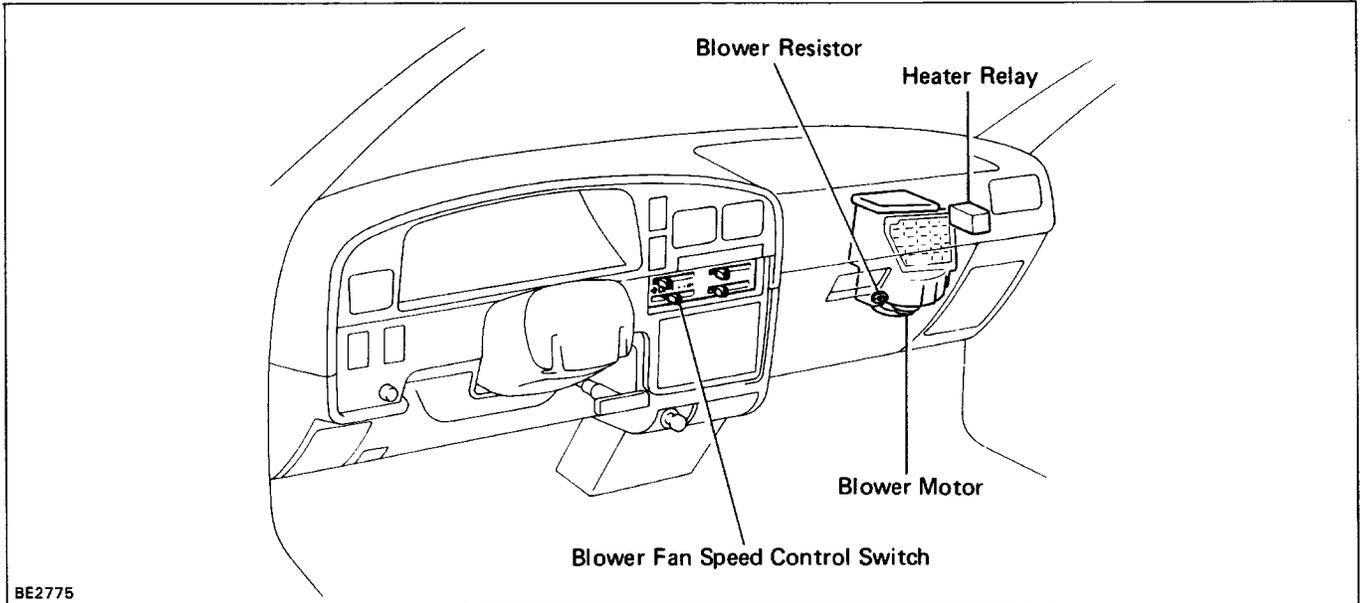
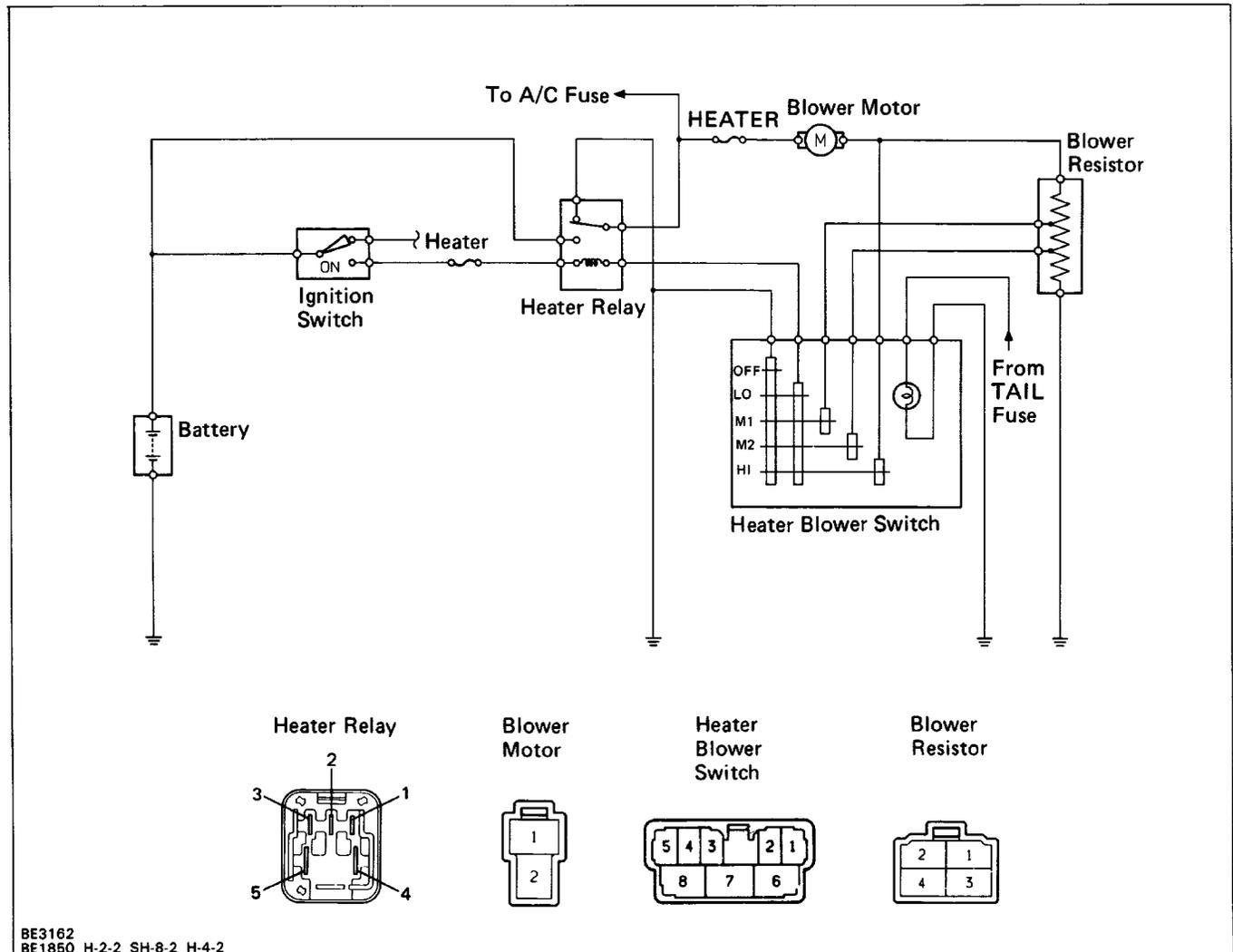


HEATER Parts Location



BE2775

Wiring and Connector Diagrams

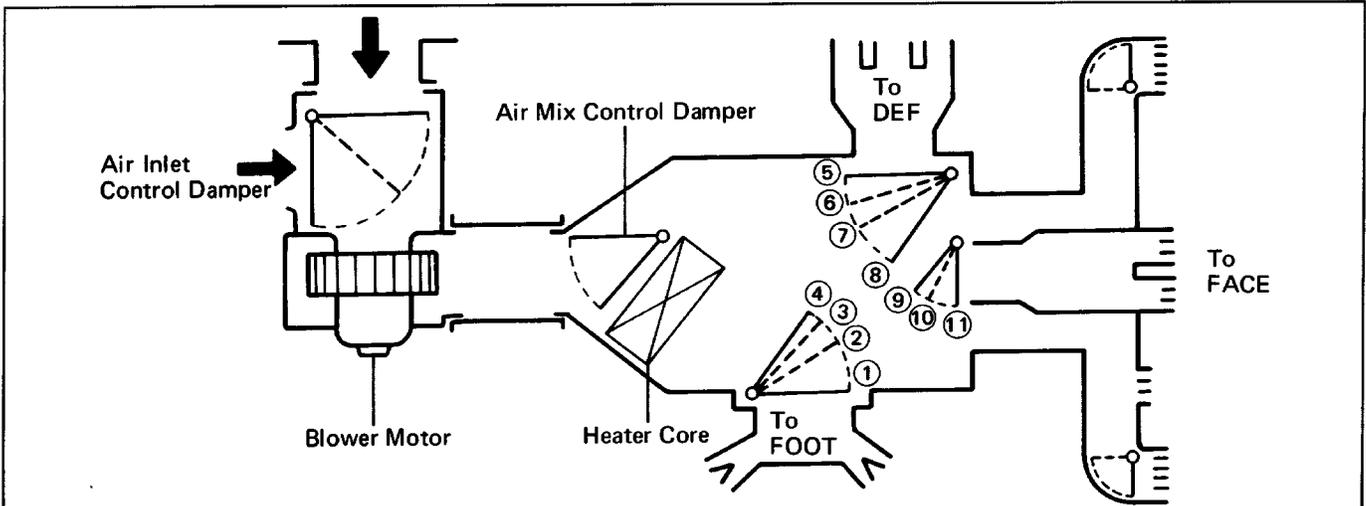


BE3162
BE1850 H-2-2 SH-8-2 H-4-2

Troubleshooting

Problem	Possible cause	Remedy	Page
Blower does not work when fan switch is on	HEATER fuse blown Heater relay faulty Heater blower switch faulty Heater blower resistor faulty Heater blower motor faulty Wiring or ground faulty	Replace fuse and check for short Check relay Check switch Check resistor Check motor Repair as necessary	AC-37 AC-37 AC-37 AC-37
Incorrect temperature output	Control cables broken or adjustment faulty Heater hoses leaking or clogged Water valve faulty Air dampers broken	Check cables Replace hose Replace valve Repair dampers	AC-36

Damper Positions



Mode	Air Flow Mode Control Damper Positions	Air Flow Vents					Center of Driver's Seat
		Center	Side	Foot	Def.		
Face	① ⑤ ⑨	○	○			○	
Bi-Level	② ⑤ ⑩	○	○	○		○	
Foot	④ ⑥ ⑪		○	○	○	○	
Foot/Def.	③ ⑦ ⑪		○	○	○	○	
Def.	① ⑧ ⑪		○		○	○	

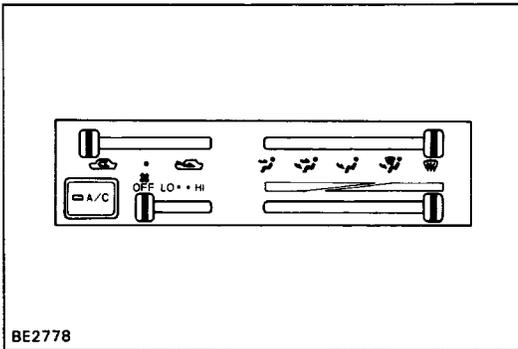
BE2777
00018E The size of circle (○) indicates the proportion of the air flow volume.

Inspection and Adjustment

1. INSPECT HEATER CONTROL PANEL

(Heater Control Cable Position)

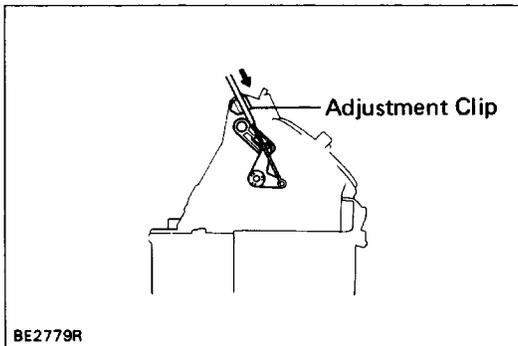
Move the control levers left and right and check for stiffness and binding through the full range of the levers.



2. ADJUST CONTROL DAMPER

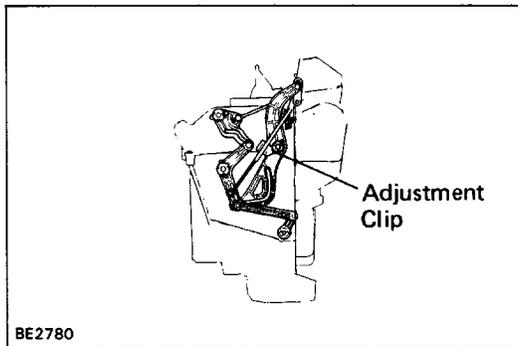
(Air Inlet Control Damper)

Set the air inlet control damper and lever to "FRESH".



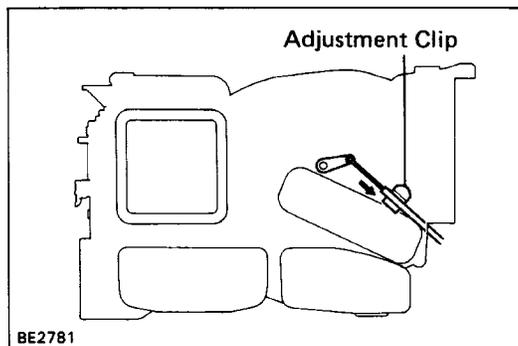
(Air Flow Control Damper)

Set the air flow control damper and lever to "DEF".



(Air Mix Control Damper)

Set the air mix control damper and lever to "COOL".

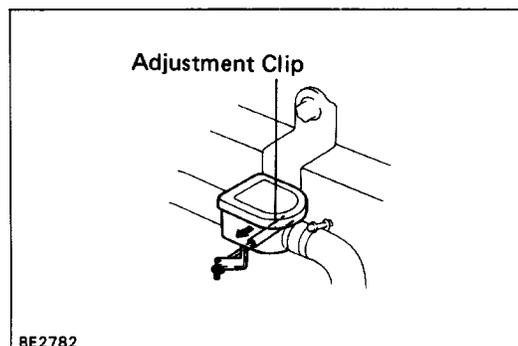


3. ADJUST WATER VALVE

(Water Valve)

Set the water valve and control lever to "COOL".

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.



Part Inspection

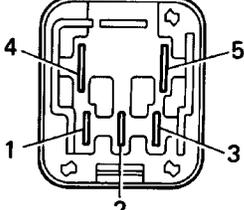
1. INSPECT HEATER BLOWER SWITCH (Continuity)

	Terminal	1	2	5	6	8	Illumination	
	Switch position						3	4
	OFF							
	LO				○—○			
	o (M 1)	○	—	○	○	○		○—○
	O (M 2)		○	○	○	○		
HI				○	○	○		

SH-8-2

If continuity is not as specified, replace the switch.

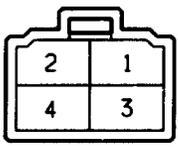
2. INSPECT HEATER RELAY (Continuity)

	Terminal	1	2	3	4	5
	Condition					
	Constant	○	—	○	○	○
Apply battery positive voltage to terminals 1 and 3.					○	○

BE1013

If continuity is not as specified, replace the relay.

3. INSPECT HEATER BLOWER RESISTOR (Continuity)

	Terminal	2	1	3	4	
	Condition					
	Constant	Hi			Lo	
		○	—	○	○	○

H-4-2

If continuity is not as specified, replace the resistor.

4. INSPECT HEATER BLOWER MOTOR (Operation)

Connect the positive (+) lead from the battery to terminal 1 and the negative (-) lead to terminal 2, check that the motor operation is smooth.

If operation is not as specified, replace the motor.

