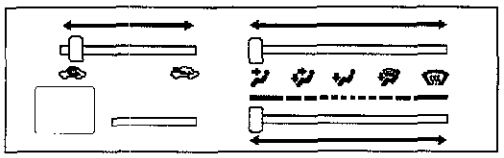
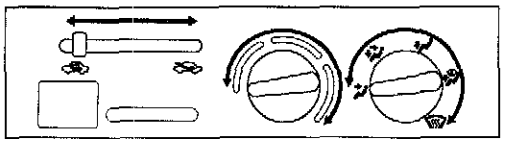
Lever Type :



I01133

Dial Type :



I01132

HEATER CONTROL ASSEMBLY

AC0L8–01

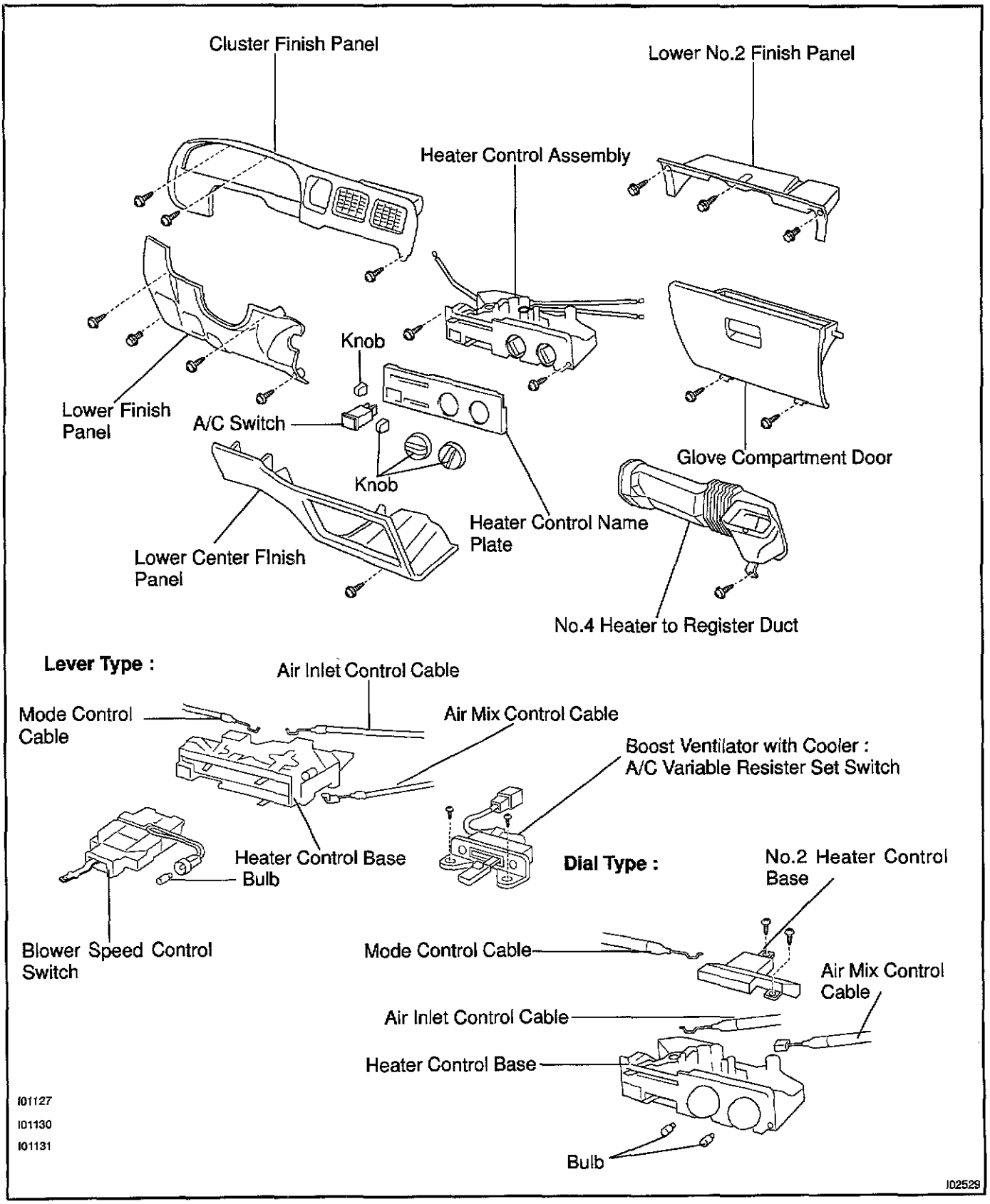
ON–VEHICLE INSPECTION

INSPECT HEATER CONTROL LEVER OPERATION

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

COMPONENTS

AC0L9-01



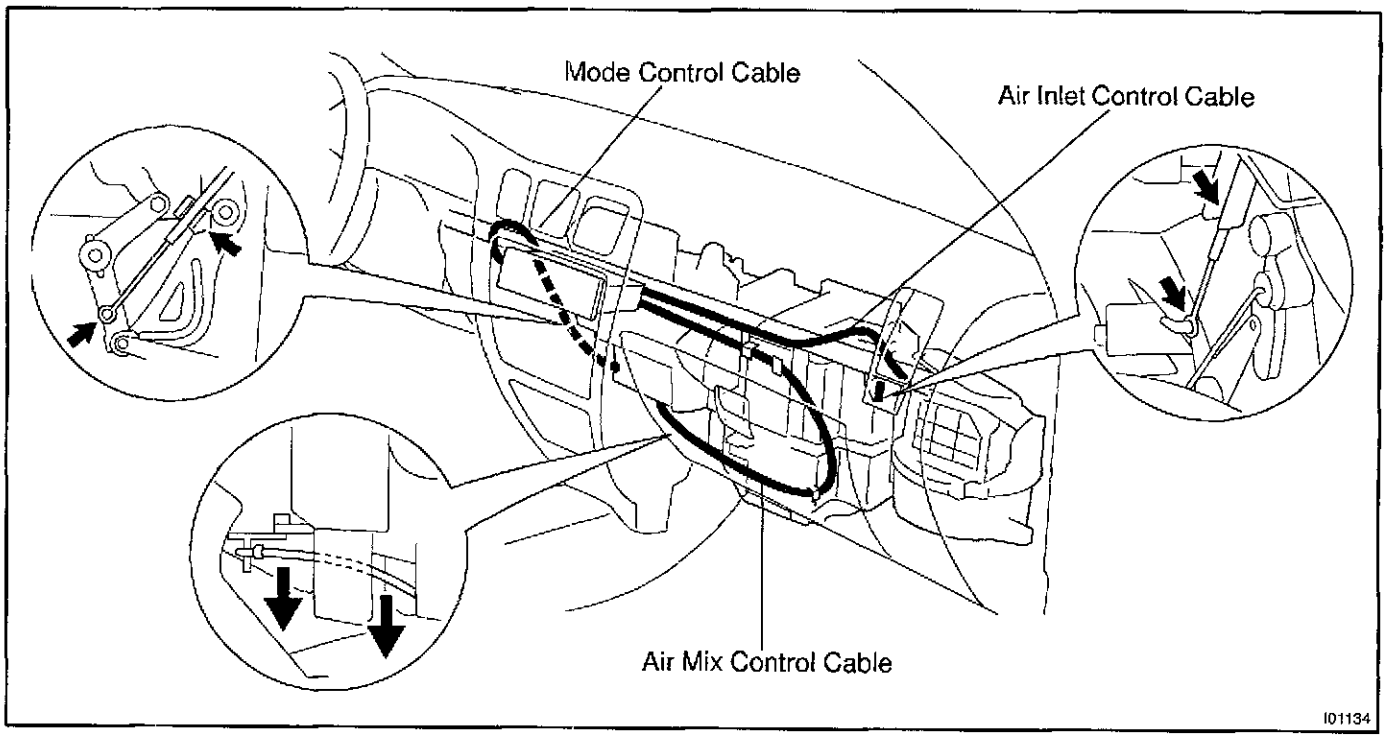
AC0LA-01

REMOVAL

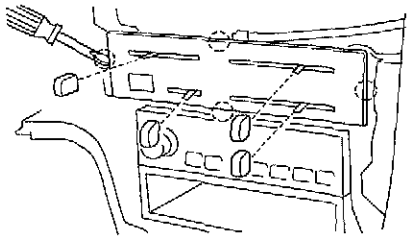
1. REMOVE THESE PARTS:

(a) Glove compartment door
(b) Lower No. 2 finish panel
(c) No. 4 heater to register duct
(d) Lower finish panel
(e) Lower center finish panel
(f) Cluster finish panel

2. DISCONNECT HEATER CONTROL CABLE

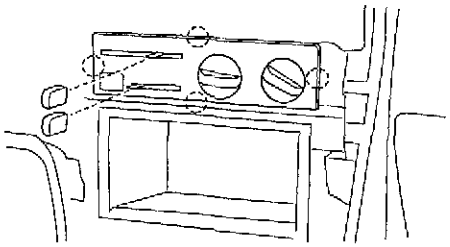


Lever Type:



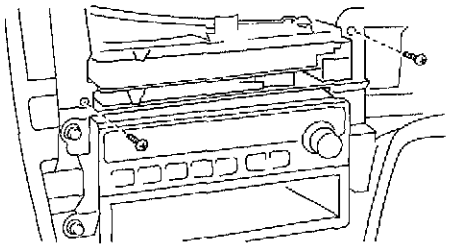
I01135

Dial Type:



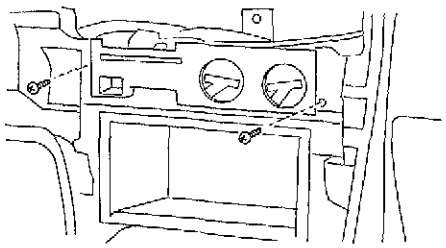
I01137

Lever Type:



I01136

Dial Type:



I03815

3. REMOVE HEATER CONTROL ASSEMBLY

(a) w/ A/C:
Remove the A/C switch.
(See page AC–98)

(b) Pull out the heater control knobs.

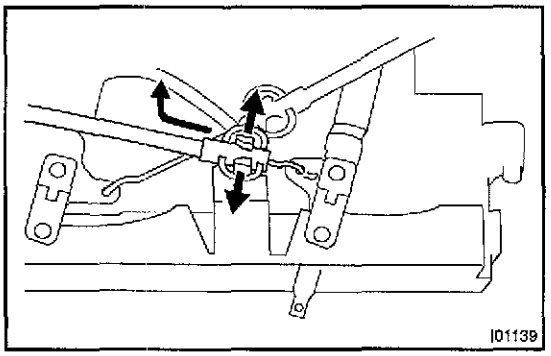
(c) Using a screwdriver, release the 4 claws and pull out the heater control name plate.

HINT:
Tape the screwdriver tip before use.

(d) Remove the 2 screws and heater control assembly, then disconnect the connector.

AC0LB-01

DISASSEMBLY



1. REMOVE HEATER CONTROL CABLES

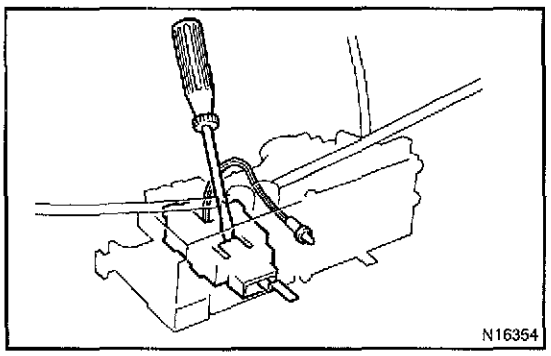
(a) Using a screwdriver, open the claw of the cable clamp and disconnect the outer cable.

HINT:

Tape the screwdriver tip before use.

(b) Remove the inner cable from the heater control assembly.

2. PULL OUT BULB



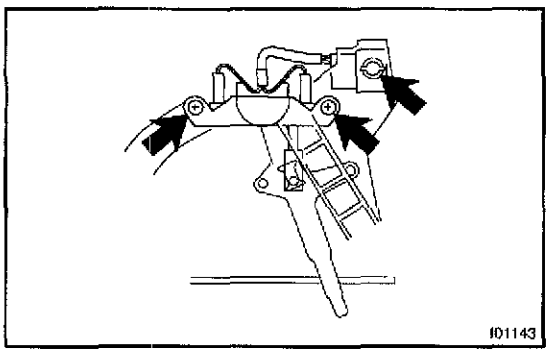
3. Lever Type Only:
REMOVE BLOWER SPEED CONTROL SWITCH

(a) Disconnect the bulb holder from heater control base.

(b) Using a screwdriver, pry loose the clip and push out the switch to rear of the heater control base.

HINT:

Tape the screwdriver tip before use.



4. Lever Type Boost Ventilator with Cooler Models:
REMOVE A/C VARIABLE RESISTOR SET SWITCH

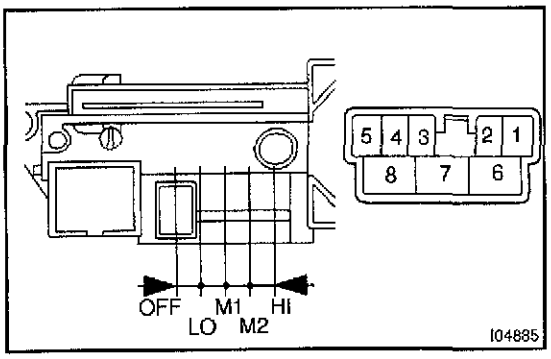
(a) Disconnect the connector clamp.

(b) Remove the 2 screws and switch.

AC0LC-01

INSPECTION

1. INSPECT BLOWER SPEED CONTROL SWITCH CONTINUITY



Lever Type:

Position/ Circuit	Tester connection	Specified condition
OFF	–	No continuity
LO	1 – 8	Continuity
M1	1 – 3 – 8	Continuity
M2	1 – 2 – 8	Continuity
HI	1 – 6 – 8	Continuity
Illumination circuit	4 – 5	Continuity

- Switch continuity
  If continuity is not as specified, replace the switch.
- Illumination Circuit:
  If continuity is not as specified, test the bulb.

Dial Type:

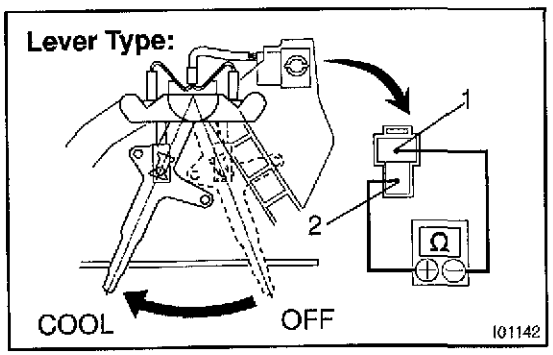
Position/ Circuit	Tester connection	Specified condition
OFF	–	No continuity
LO	5 – 6	Continuity
M1	3 – 5 – 6	Continuity
M2	4 – 5 – 6	Continuity
HI	5 – 6 – 7	Continuity
Illumination circuit	1 – 2	Continuity

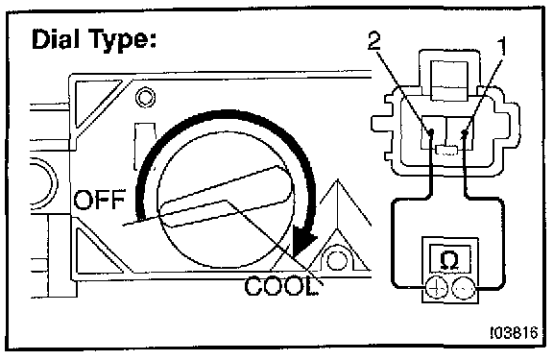
- Switch continuity
  If continuity is not as specified, replace the heater control base.
- Illumination Circuit:
  If continuity is not as specified, test the bulb.

2. Boost Ventilator with Cooler: INSPECT A/C VARIABLE RESISTOR SET SWITCH OPERATION

Gradually turn the switch from "OFF" side to "COOL" side and then check that the resistance between terminals increase from 0 to 3 kΩ.

- Lever Type:
  If operation is not as specified, replace the switch.
- Dial Type:
  If operation is not as specified, replace the heater control base.





AC0LD–01

REASSEMBLY

Reassembly is in the reverse order of disassembly (See page AC–105).

AC0LE-01

INSTALLATION

Installation is in the reverse order of removal (See page AC–103).

1. AFTER INSTALLATION, INSPECT HEATER CONTROL DIAL AND LEVER OPERATION

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

If there is stiffness or binding, proceed next step.

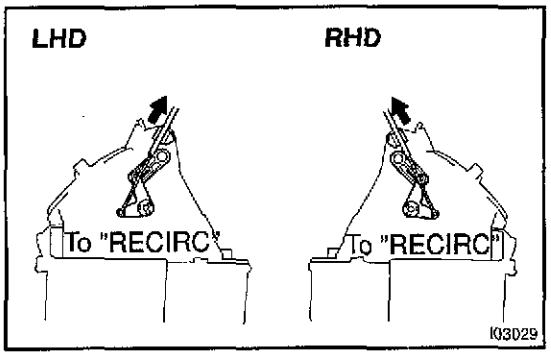
2. ADJUST HEATER CONTROL CABLES

(a) Set the heater control assembly in these conditions:

(1) Air inlet control lever in "RECIRC" position

(2) Temperature control lever in "COOL" position

(3) Mode control lever in "DEF" position

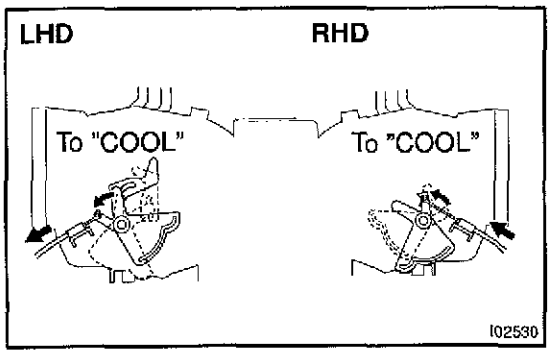


(b) Adjust air inlet control cable.

Set the air inlet door control lever to "RECIRC" position and connect the inner cable to lever pin and clamp the outer cable.

HINT:

Lock the clamp during lightly pulling the outer cable to the direction shown in the illustration by an arrow.

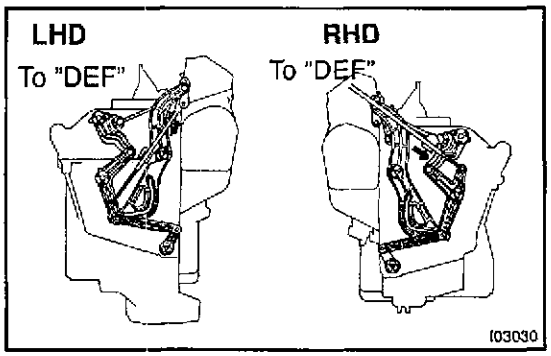


(c) Adjust air mix control cable.

Set the air mix door control lever to "COOL" position and connect the inner cable to lever pin and clamp the outer cable.

HINT:

- LHD Models:
  Lock the clamp during lightly pulling the outer cable to the direction shown in the illustration by an arrow.
- RHD Models:
  Lock the clamp during lightly pushing the outer cable to the direction shown in the illustration by an arrow.



(d) Adjust mode control cable.
Set the mode door control lever to "DEF" position and connect the inner cable to lever pin and clamp the outer cable.

HINT:

- LHD Models:
  Lock the clamp during lightly pulling the outer cable to the direction, as shown in the illustration by an arrow.
- RHD Models:
  Lock the clamp during lightly pushing the outer cable to the direction, as shown in the illustration by an arrow.