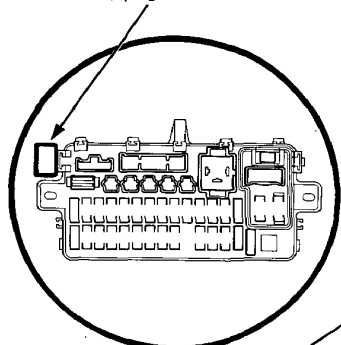




Seat Heaters

Component Location Index

SEAT HEATER MAIN RELAY
[Wire colors: BLK/YEL, BLK, WHT/BLK, and BLK/GRN]
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SEAT HEATER SWITCHES
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R. SEAT HEATER RELAY
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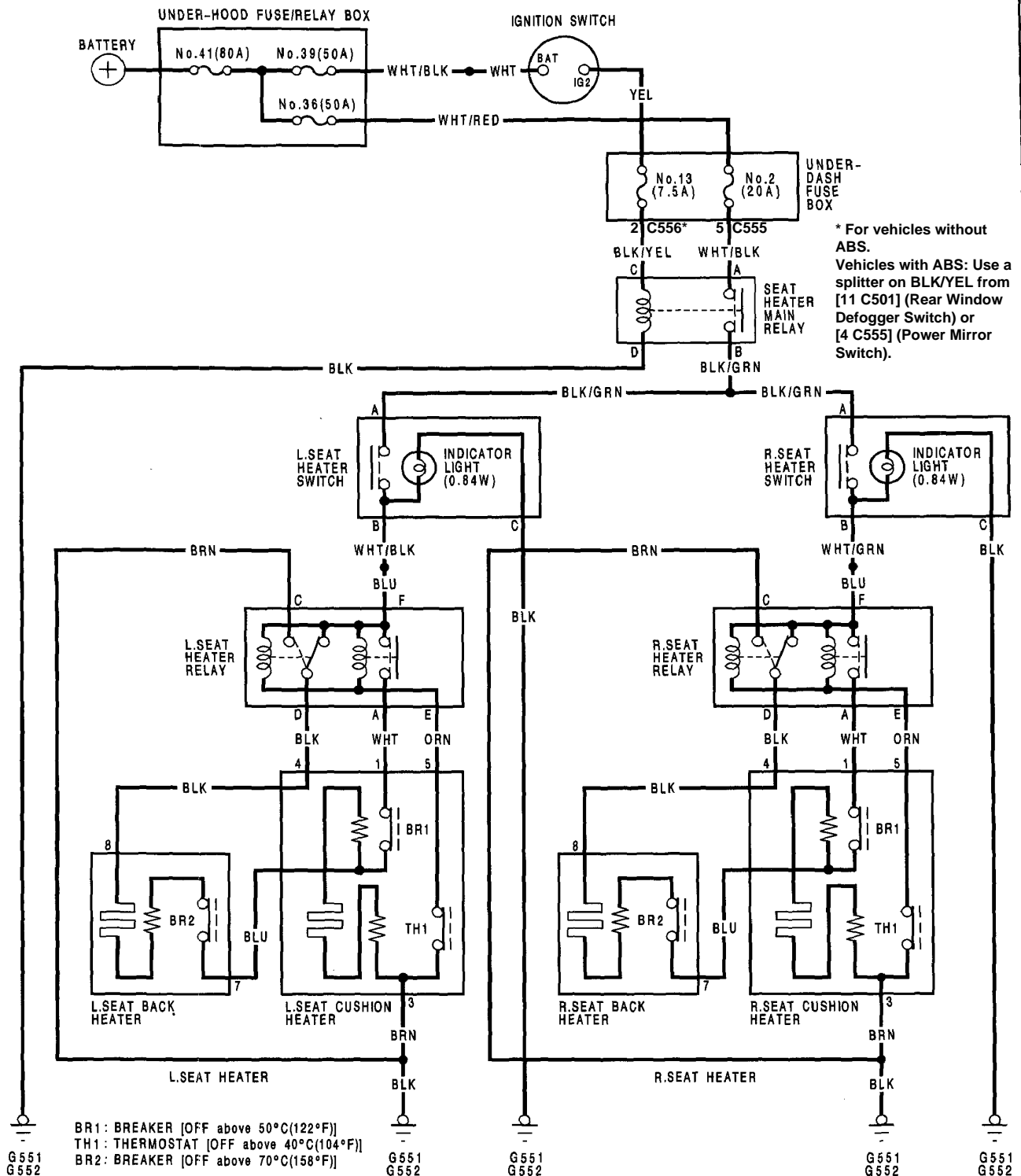
L. SEAT HEATER RELAY
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Description

Two heaters are provided in each front seat; one in the seat cushion and one in the seat back. In normal use, temperature is automatically controlled by the thermostat [OFF above 40°C (104°F)] built in each seat cushion heater. In case of an emergency, the breaker 1 [OFF above 50°C (122°F)] and the breaker 2 [OFF above 70°C (158°F)] cut off the circuit to prevent abnormal temperature rise.

Seat Heaters

Circuit Diagram





Troubleshooting

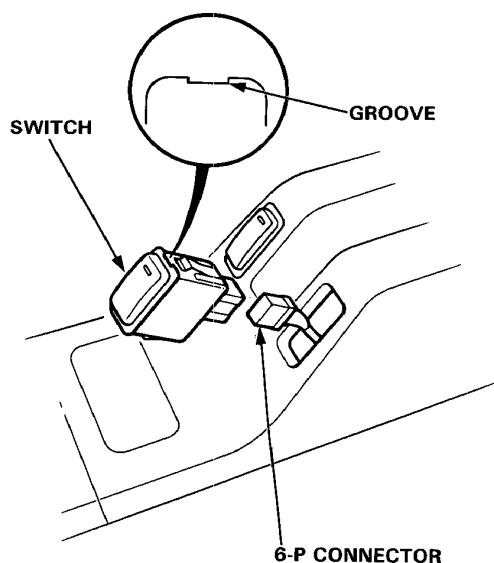
NOTE: The numbers in the table show the troubleshooting sequence.

Symptom		Item to be inspected	Blown No. 2 (20 A) fuse (in the under-dash fuse box)	Blown No. 13 (7.5 A) fuse (in the under-dash fuse box)	Blown indicator light bulb	Seat heater switch	Seat heater	Seat heater relay input	Poor ground	Open circuit, loose or disconnect terminals.
Seat heaters operate, but indicator light does not go on.					1				G551 G552	
Seat heaters do not operate and indicator light does not go on.			1			2			G551 G552	BLK/YEL, WHT/BLK
Seat heaters do not operate, but indicator light goes on.	Left and Right seat							1	G551 G552	WHT/BLK, WHT/GRN, BLU, BLK, WHT, ORN
Seat cushion heater or seat back heater does not operate, but indicator light goes on.						1				

Seat Heaters

Switch Removal

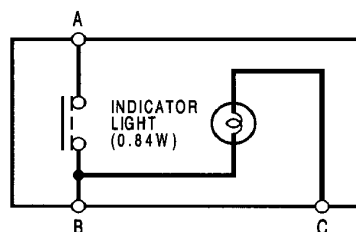
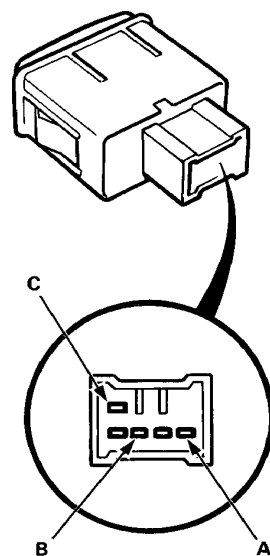
1. Pry the switch out of the console.
2. Disconnect the 6-P connector to remove the switch.



Switch Test

1. Pry the seat heater switch out of the console.
2. Check for continuity between the terminals according to the table.

Terminal	A		B		C
Position					
ON	○	—	○	—	○
OFF			○	—	○

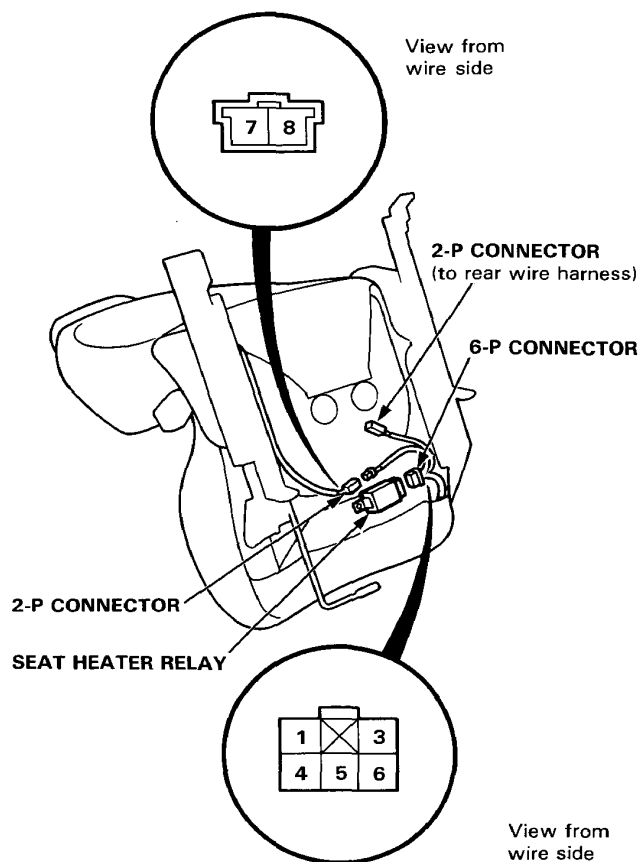




Heater Test

1. Disconnect the 6-P connector and 2-P connector as shown below.

NOTE: Right front seat is shown. Left front seat is similar.



2. Check for continuity between the No. 1 and No. 5 terminals, and between the No. 7 and No. 8 terminals ($R \times 10^3$ scale). There should be continuity.

Heater Relay Test

1. Remove the front seat, then remove the relay from the bottom of the seat.
2. There should be continuity between the F and A terminals, and between the C and D terminals when the battery is connected across the F and E terminals. There should be continuity between the F and D terminals when the battery is disconnected.

