

February 13, 2014

ATB 50862 (1402)

Driver's Seat Heater Shuts Off After Turning On

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2011-13	Odyssey	EX-L, Touring	ALL

SYMPTOM

The driver's seat heater turns off by itself within seconds of being turned on.

POSSIBLE CAUSES

An open circuit caused by a broken seat-back heater element causes the seat heater to shut off.

CORRECTIVE ACTION

Replace the seat-back heater element.

PARTS INFORMATION

Part Name	Part Number	Quantity
Trim Fastener C-Clip Set (30 pieces)	04810-SB3-000	1
Seat- Back Heater Kit	81524-TK8-305	1

WARRANTY CLAIM INFORMATION

The normal warranty applies

Operation Number	Description	Flat rate Time	Template ID	Failed Part Number
8590A2	Replace the seat-back heater element.	1.2 hours	14-009A	P/N 81524-TK8-A41

Defect Code: 03217

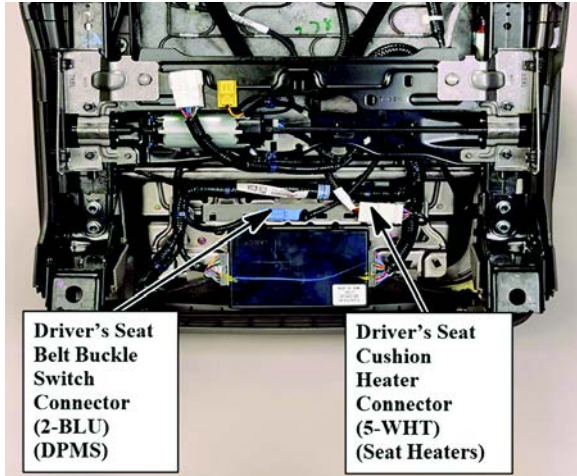
Symptom Code: 03220

Skill Level: Repair Technician

DIAGNOSIS

1. Disconnect the driver's seat cushion heater 5-pin connector under the driver's seat.
2. Check for continuity between terminal 1 (blue wire) on the female side of the connector and body ground.
 - If there is continuity, this bulletin does not apply. Continue with normal troubleshooting.
 - If there is no continuity, replace the driver's seat-back heater. Go to REPAIR PROCEDURE.

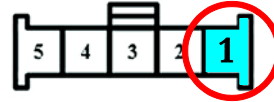
Beneath the Driver's Seat



Connector Terminal Views

Driver's Seat Cushion Heater (Seat Heaters)

- WHT
- Under Driver's Seat
- On Driver's Seat Wire Harness



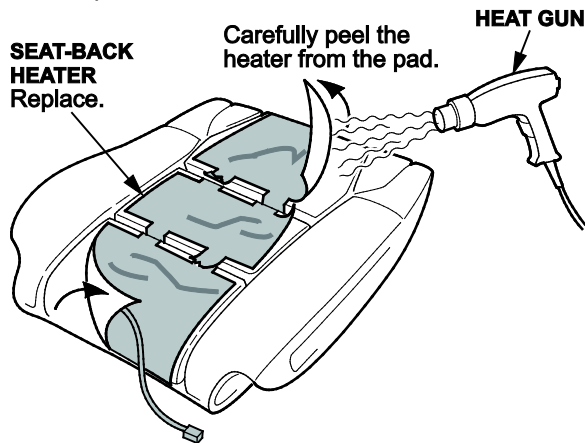
- | | |
|--------------------------|---------------------------|
| 1. Male - YEL | 4. Male - BLK/RED |
| Female - BLU (DR HEATER) | Female - PUR (DR TH-) |
| 2. RED (DR HEATER) | 5. Male - BLK |
| 3. Male - BLK/RED | Female - BRN (GND (G601)) |
| Female - WHT (DR TH+) | |

REPAIR PROCEDURE

NOTE:

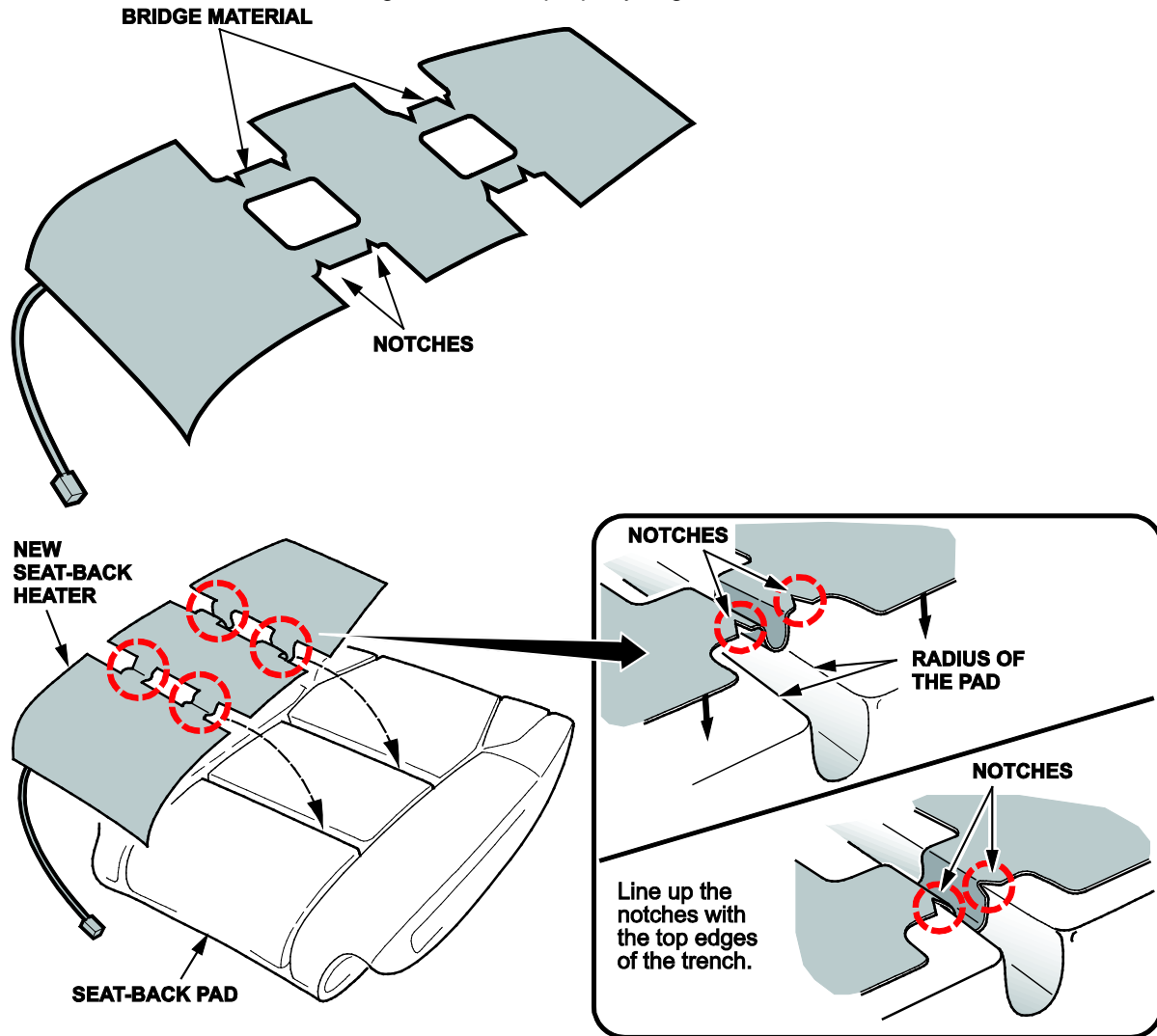
- Review the SRS component locations and the precautions and procedures.
 - Do the battery terminal disconnection procedure, then wait at least 3 minutes before removing the seat.
1. Remove the driver's seat.
 - Remove the covers.
 - Remove the bolts.
 - Disconnect the connectors.
 - Remove the head restraint.
 2. Remove the driver's seat-back cover.
 3. Carefully remove the seat-back heater from the seat-back pad.

NOTE: The seat-back heater is glued to the seat-back pad. When removing it, take care not to damage the seat-back pad.



4. Use a heat gun to gradually apply heat and carefully peel the heater from the pad.
NOTE: Excessive heat will damage the seat pad.

5. Use the notches cut into the bridge material to properly align each section of the new seat heater on the seat-back pad.

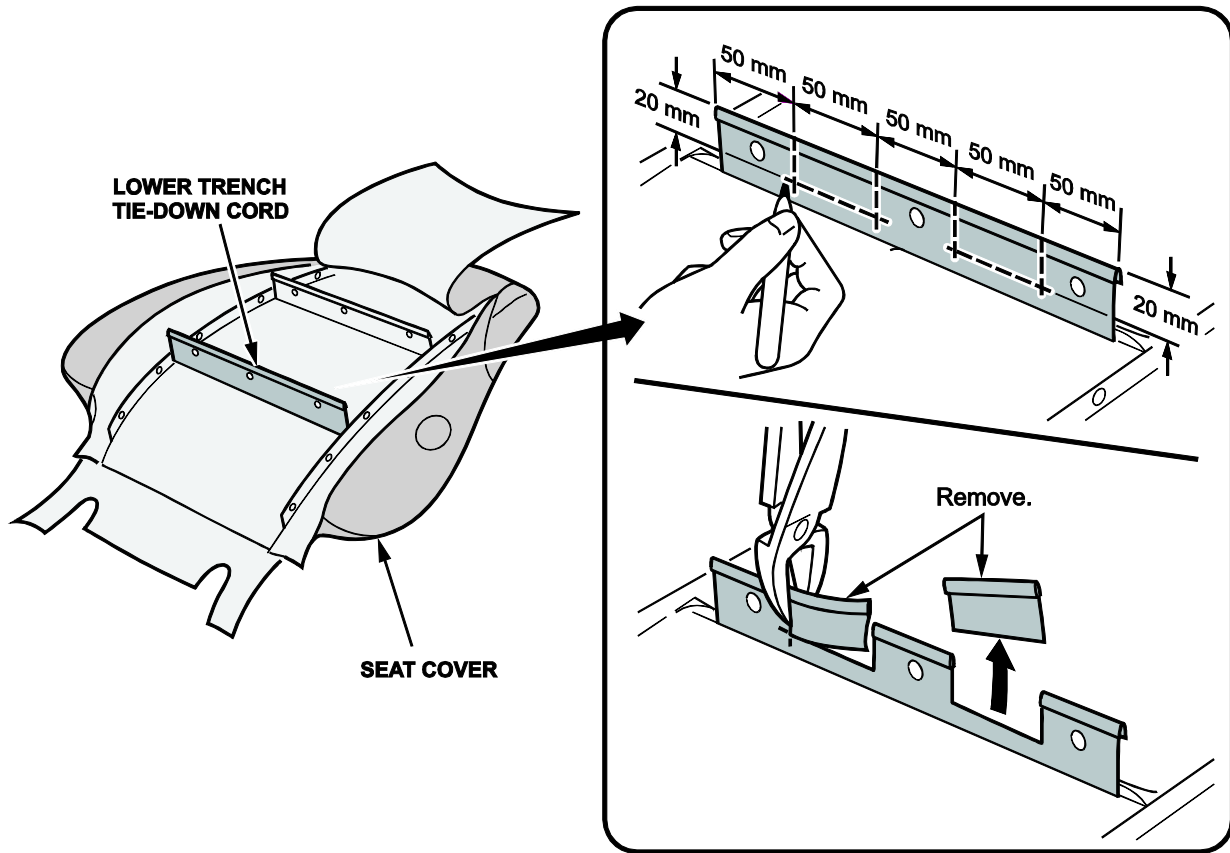


6. Position the notches on the radius of the pad as shown.

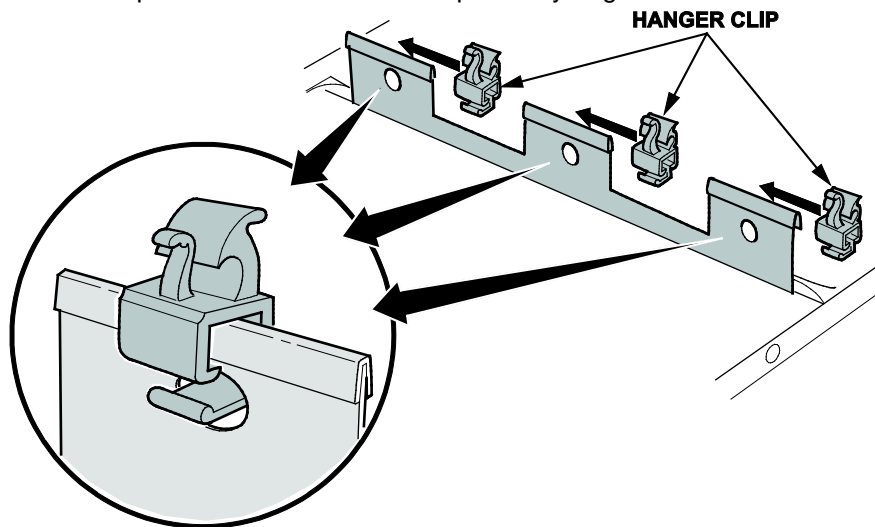
NOTE:

- The bridges between the center and lower sections of the new seat heater pad are shorter than the bridges on the original part.
- Make sure you modify the lower trench tie-down cord or you may damage the new seat heater.

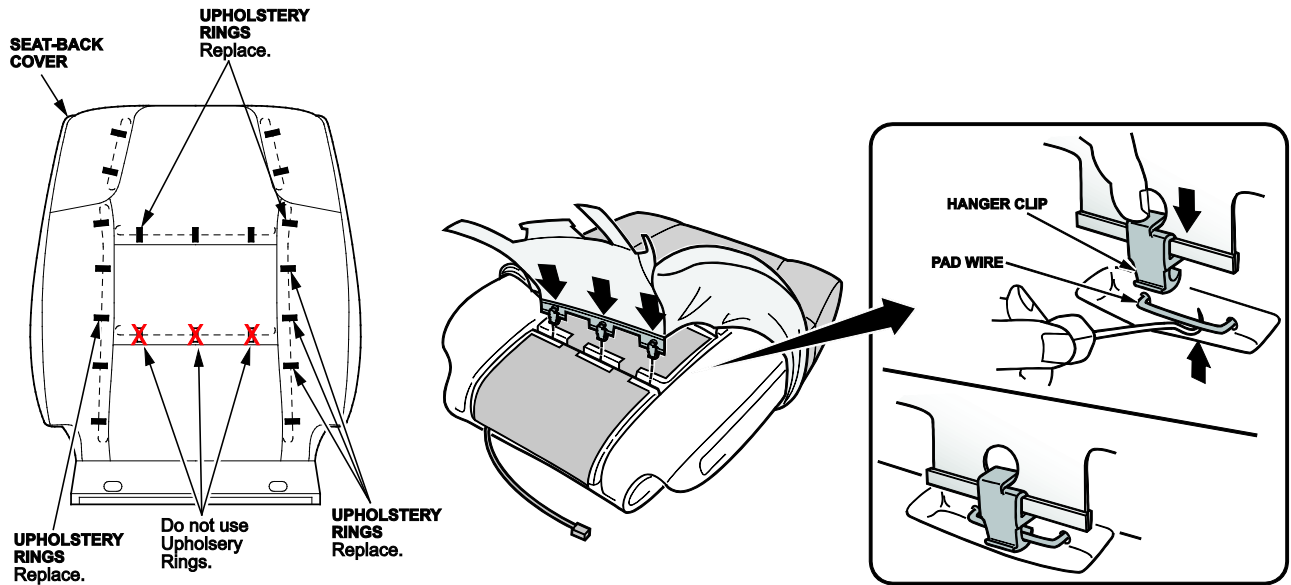
7. Mark the lower trench tie-down cord as shown. You will need to modify the lower trench tie-down cord before reinstalling the seat cover to accommodate the new seat heater pad.



8. Use diagonal cutters to cut and remove two 50 mm x 20 mm sections of material.
9. Install the hanger clips at the locations as shown.
NOTE: The clips will be used instead of upholstery rings to reattach the seat-back cover in these locations.

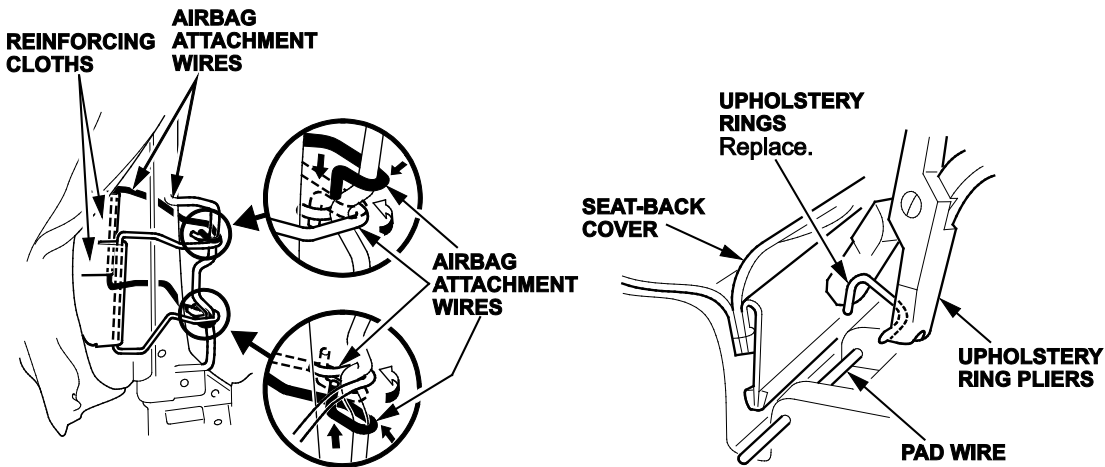


10. Install the cover in the reverse order of removal. Fasten the seat-back cover to the pad with new upholstery rings, with the exception of the three locations on the lower trench tie-down cord. At these locations, hook the hanger clips to the pad as shown.

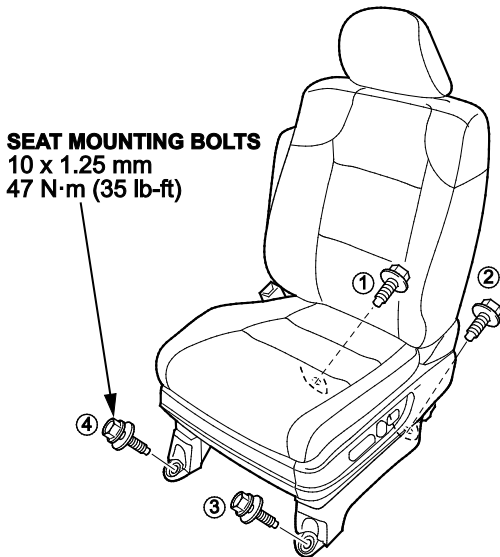


Note the following items:

- If the clips are damaged or stress-whitened, replace them with new ones.
- To prevent wrinkles when installing the seat-back cover, make sure the material is stretched evenly over the pad before securing the clips, the hooks, and the strips.
- Before installing the seat-back cover, make sure the airbag attachment wires are installed in the reinforcing cloths correctly.
- Install the head restraint.
- Reinstall airbag attachment wires securely to the seat-back frame as shown.
- Make sure the side airbag harness and the seat wire harnesses are routed properly.
- Push the clips and the hooks into place securely.



11. Reinstall the seat and tighten the bolts by hand. Slide the seat all the way back and torque seat mounting bolts 1 and 2 to **47 N·m (35 lb-ft)**, then slide the seat forward and torque bolts 3 and 4 to **47 N·m (35 lb-ft)**.
- If the clips are damaged or stress-whitened, replace them with new ones.
 - Make sure each connector is plugged in properly.
 - Push the clips and hooks into place securely.
 - Do the battery terminal reconnection procedure.



CUSTOMER INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.