

**November 12, 2016**

05091 Version 1

## High Pitched Buzzing/Alternator Feedback from the Speakers

### AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2017	Ridgeline	RTL Black Edition, RTL Elite	ALL

### SYMPTOM

There is a high pitched buzzing/alternator feedback from the speakers when the engine is running and the audio unit or the rear blower motor is on.

### POSSIBLE CAUSES

The dashboard wiring harness has insufficient shielding.

### CORRECTIVE ACTION

Replace the dashboard wiring harness.

### PARTS INFORMATION

Part Name	Part Number	Quantity
Dashboard Wiring Harness	32117-T6Z-A41	1
Bolt Washers	90178-TZ5-003	3
Nut Washers	90321-SP0-A80	3

### WARRANTY CLAIM INFORMATION

The normal warranty applies.

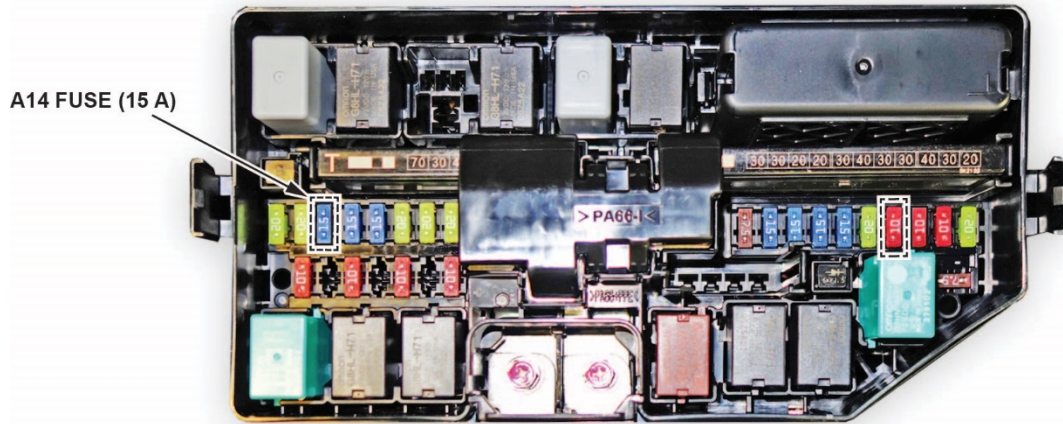
Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
7371C6	Replace the dashboard wiring harness.	4.6 hrs	06402	04201	16-095A	32117-T6Z-A41

Skill Level: Repair Technician

**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.

## DIAGNOSIS

1. With the engine running and the audio unit on, remove the A14 (15 A) fuse from the under-hood fuse relay box.
  - If the buzzing is gone, go to REPAIR PROCEDURE.
  - If the buzzing is still present, this bulletin does not apply. Continue with normal troubleshooting.



## REPAIR PROCEDURE

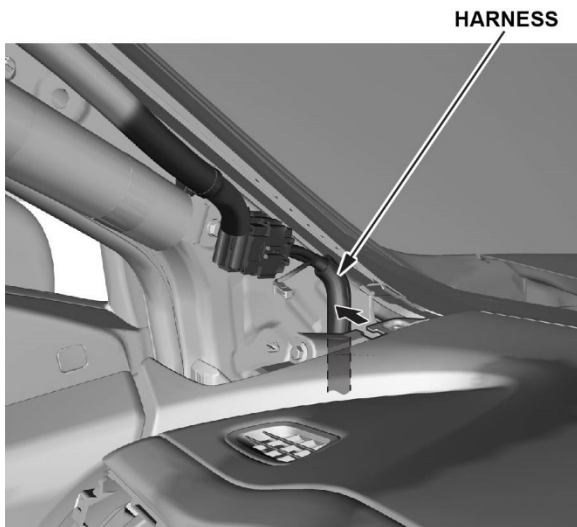
**NOTE: This procedure is in outline form. If you need more details on this procedure, refer to the service information.**

NOTE: SRS components are located in this area. Review the SRS component locations and the precautions and procedures before doing repairs or service.

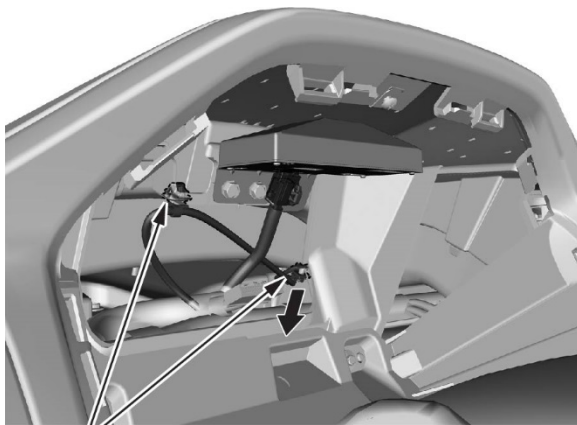
NOTE: Special Mag-Form® self-tapping bolts are used to attach the dashboard to the steering hanger beam. If a Mag-Form® bolt hole is stripped, oversize bolts are available.

- Do the battery terminal disconnection procedure, then wait at least 3 minutes before beginning work.
- Remove these items from the dashboard:
  - Both A-Pillar Trims
  - Both Dashboard Side Lids
  - Driver's Dashboard Lower Cover
  - Passenger's Dashboard Undercover
  - Passenger's Dashboard Trim Panel
  - Glove Box
  - Keyless Access/TPMS Control Unit
  - ANC/Active Sound Control Unit
  - Sunlight Sensor
  - Dashboard Center Speaker Trim (if applicable)
  - Dashboard Center Panel –
  - Dashboard Center Middle Trim
  - Dashboard Center Lower Panel /CD Player
  - Audio-Navigation Unit Assembly / Audio Unit Assembly
  - Dashboard Meter Visor
  - Gauge Control Module
  - Steering column cover

1. Release the harness clips from the A-pillar.

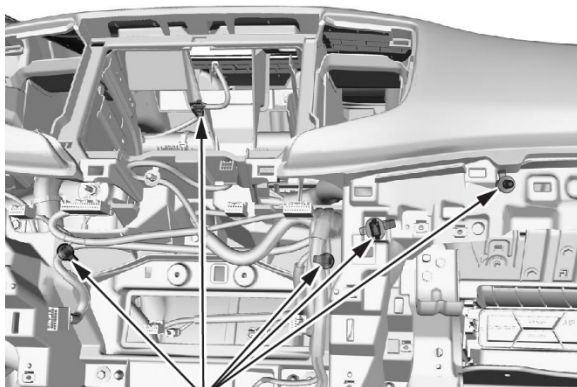


2. Remove the harness clips from the gauge control module.



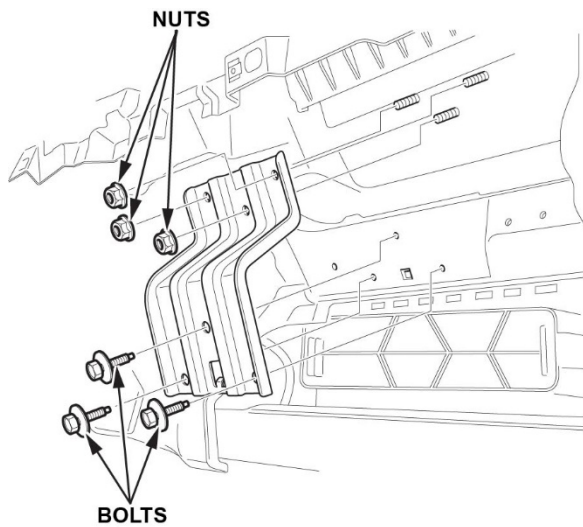
**HARNESS CLIPS**

3. Remove the harness clips from the center area.

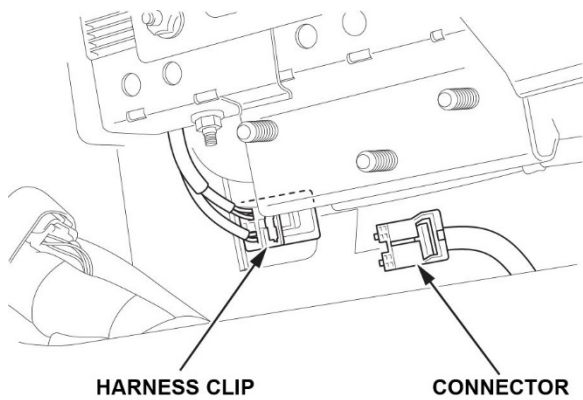


**HARNESS CLIPS**

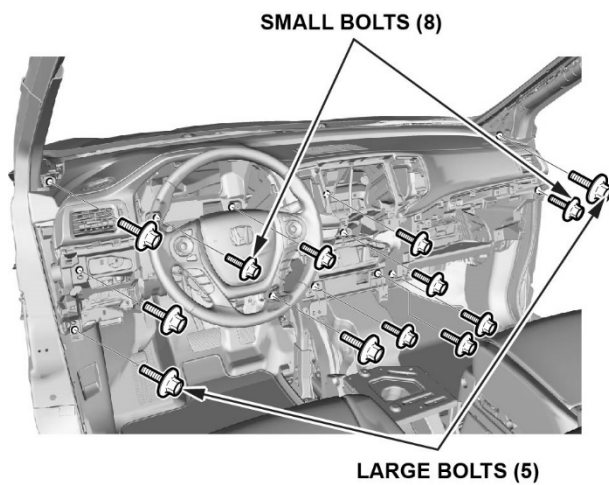
4. Remove the bolts and the nuts from the glove box area, then remove the front passenger's airbag bracket.



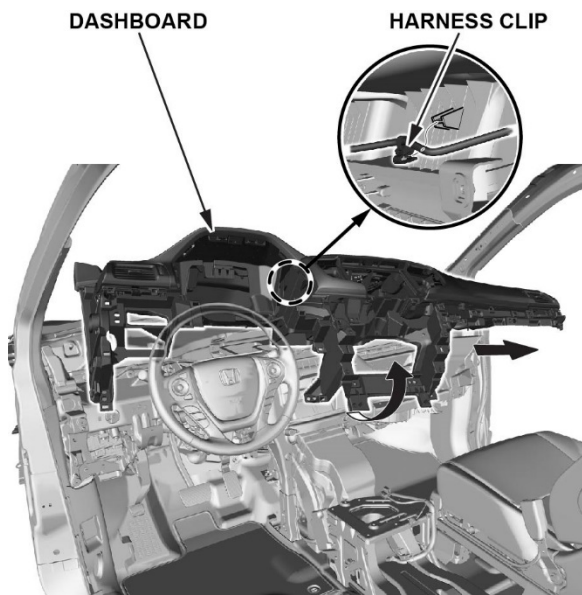
5. Remove the harness clip, then disconnect the connector from the glove box area.



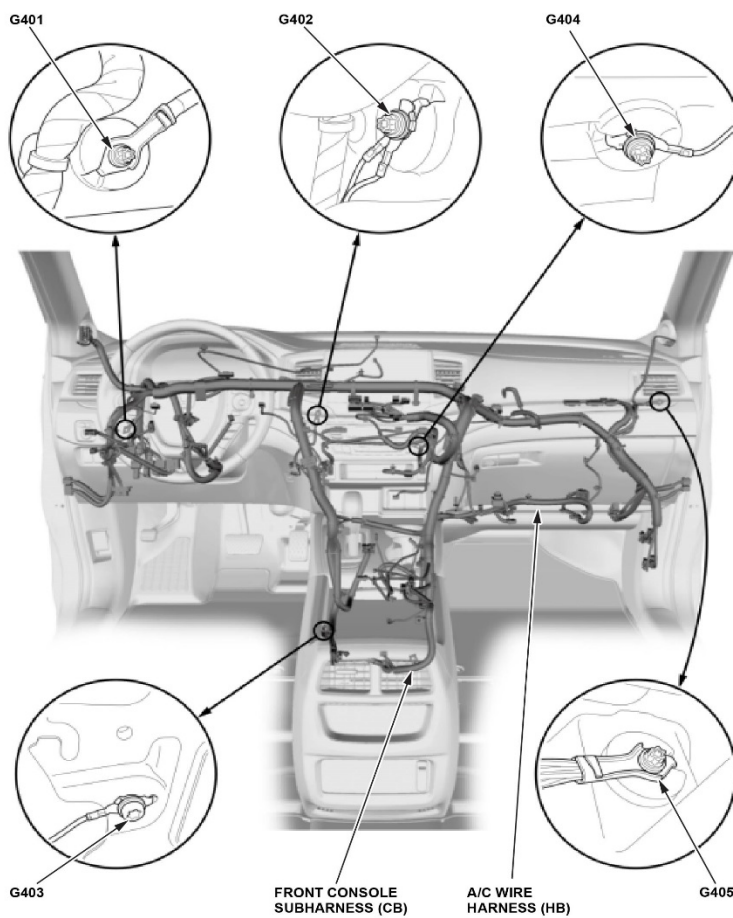
6. Remove the bolts.



7. Remove the dashboard, then remove the harness clip.

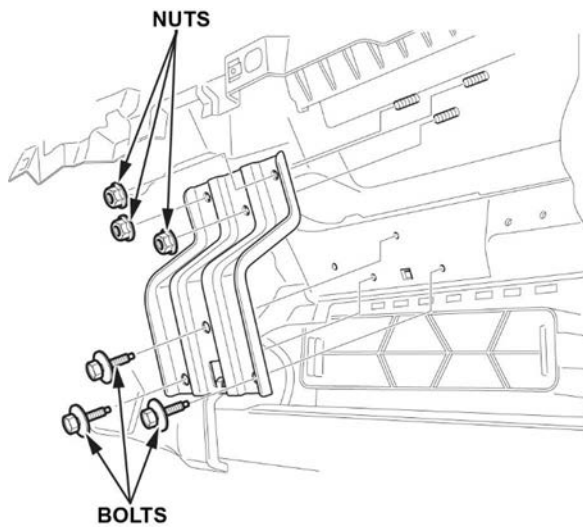


8. Remove the dashboard wiring harness.

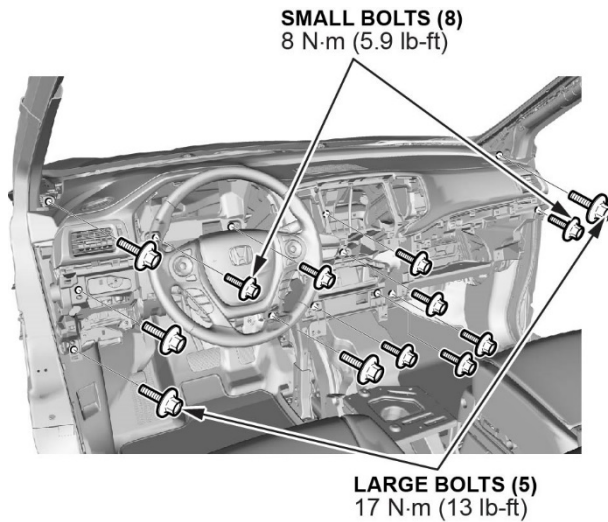


9. Install the new dashboard wiring harness.

10. Install the front passenger's airbag bracket, and torque the new nuts and bolts to **9.4 N·m (6.9 lb-ft)**.



11. Install the dashboard, and torque the large bolts to **17 N·m (13 lb-ft)** and the small bolts to **8 N·m (5.9 lb-ft)**. Then install all other parts in the reverse order of removal.



**NOTE:**

- If the threaded hole for a Mag-Form® bolt is stripped, replace the bolt with an oversized Mag-Form® bolt that is provided as a service part.
- Do the 12-volt battery terminal reconnection procedure.

**END**