



# Service Bulletin

## PRELIMINARY INFORMATION

**Subject:** AM Radio Reception Quality Poor

**Models:** 2013 Chevrolet Corvette Convertible

*This PI is being revised to update steps 7 and 14. Please discard PI0793.*

### Condition/Concern

Some customers may comment on poor AM radio reception.

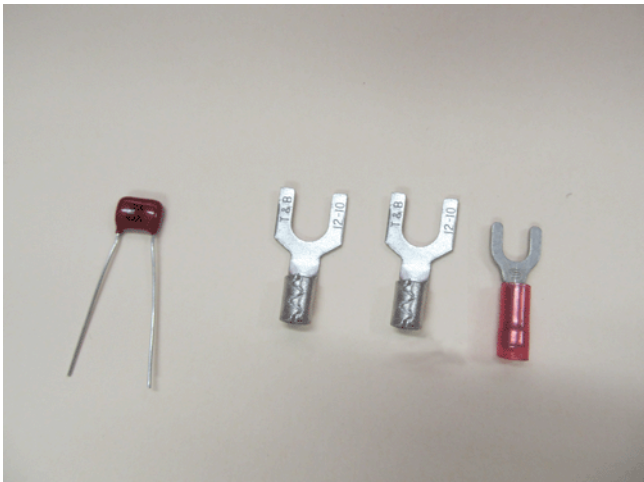
**Note:** Corvettes are produced with mostly SMC panels, which are not generally good conductors, so Corvettes will receive less AM radio stations than steel bodied vehicles and convertibles have less AM radio reception than coupes.

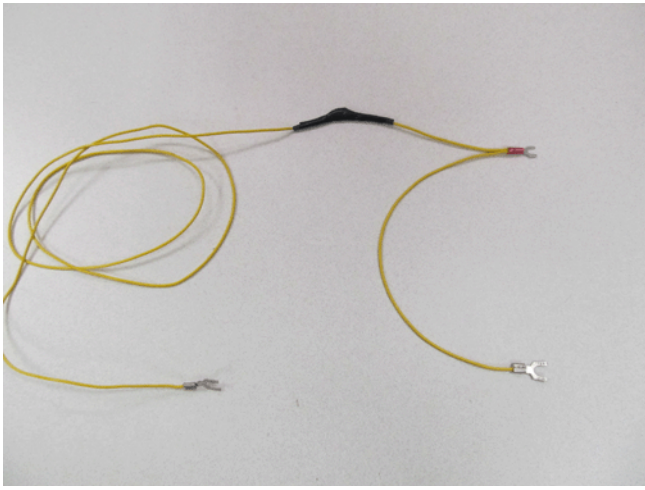
### Recommendation/Instructions

Reroute the AM antenna, install a ground harness and reroute the generator battery feed terminal harness.

Moving the AM antenna will increase AM reception and adding the ground harness will reduce some of the static the radio is picking up.

Rerouting the generator battery feed terminal harness will also contribute to improved AM reception.





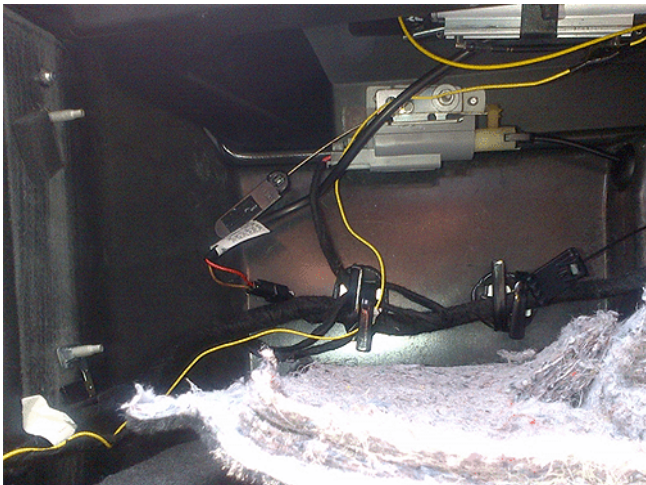
1. Assemble a 1460.50 mm (57.5 in) with a 254 mm (10 in) jumper ground harness with a .01 microfarad capacitor and spade terminals attached.

**Important:** The length of the ground harness wire must be 1460.50 mm (57.5 in).

- 1.1. Obtain bulk 18 gauge wire and cut to length of 1460.50 mm (57.5 in) and 254 mm (10 in)
  - 1.2. Obtain one .01 microfarad capacitor.
  - 1.3. Obtain three spade terminals – (2) 12-10AWG terminals and (1) 22-18AWG terminal.
  - 1.4. Cut the 1460.50 mm (57.5 in) wire at 127 mm (5 in). Solder the capacitor in between the wire leads and shrink wrap capacitor.
  - 1.5. On the closest end to the capacitor, crimp the 254 mm (10 in) wire to the 1460.50 mm (57.5 in) wire with the 22-18AWG terminal.
  - 1.6. Crimp the other two terminals on the ends of the wires.
2. Remove the rear center carpet panel.



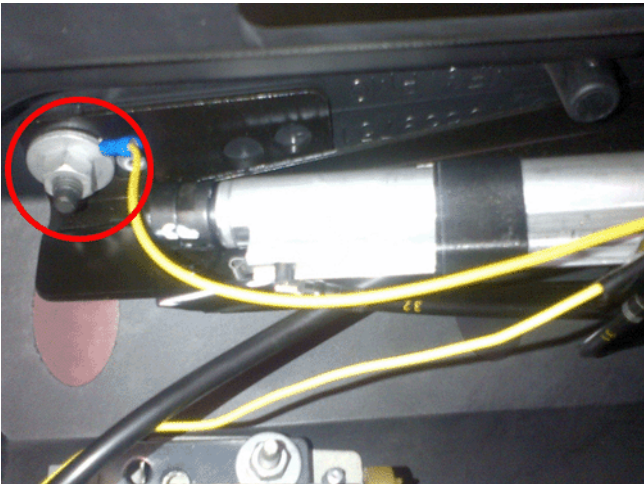
3. Attach the spade terminal connector to the lower mounting stud of the antenna module.



4. Route the wire along the rear of the trunk and up towards the driver side actuator.



5. Attach the spade terminal connector to the grounding screw (T-10 torx) near the front of the actuator.
6. Run the second wire towards the rear of the actuator.

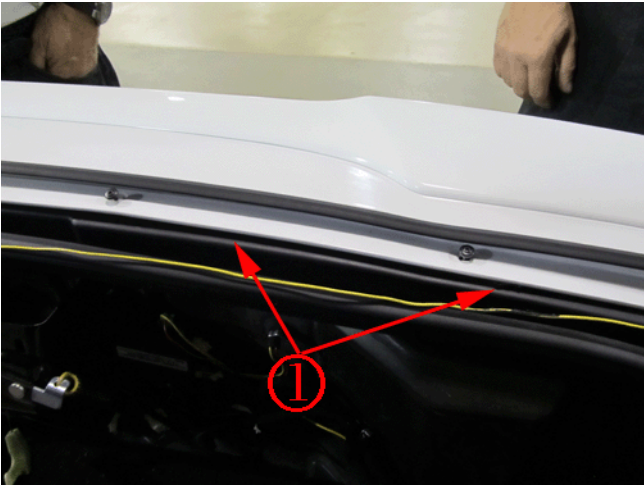


7. Attach the second spade terminal connector to the actuator mounting bracket stud. To avoid additional static issues, ensure the spade terminal connector is fully seated on the actuator.
8. Remove the driver side tail lamp.
9. Gently pull the yellow antenna lead from its original position along the rear driver's side quarter panel and pull through the tail lamp opening. The yellow antenna lead is held in place with tape patches and some resistance when pulling is normal.

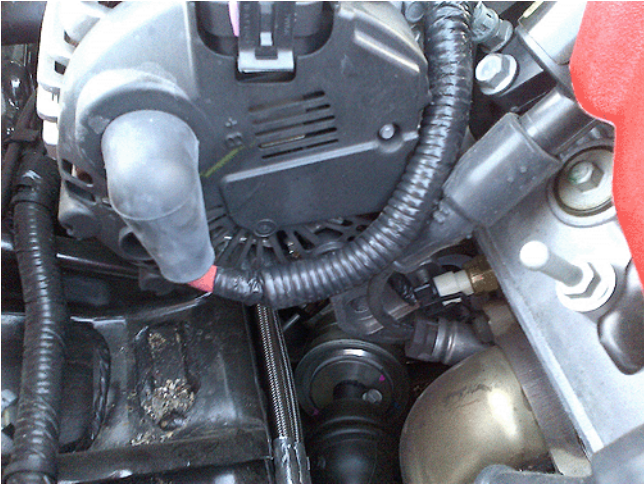
**Note:** If the antenna does not pull free, it may be necessary to loosen the fuel filler pipe housing to free the antenna. If this is the case, use OLH (Other Labor Hours).



10. Feed the antenna through the rear bumper fascia opening shown (1).



11. Loosen the rear bumper fascia screws and place the antenna underneath the fascia (1).
12. Tighten the rear bumper fascia screws.
13. Install the rear center carpet panel.
14. Observe the routing of the generator battery feed terminal harness. If it is routed under the generator, re-route the harness above the generator. Refer to the illustrations below.



## Parts Information

Part Number	Description	Material Allowance	Quantity
Obtain Locally	.01 Microfarad Capacitor (400VVDC Max)	\$1.50	1

Obtain Locally	Spade Terminal 22-18AWG	\$0.60	2
Obtain Locally	Spade Terminal 12-10AWG	\$0.10	1
Obtain Locally	18 gauge bulk wire	\$1.00	1714.50 mm (67.5 in)

## Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
N9693*	Install Ground Harness and Relocate Antenna	0.8 hr

\*This is a unique labor operation for bulletin use only. It will not be published in the Labor Time Guide.

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