

## Eliminate Seat Belt Rattle 2014 C7 & Grand Sport



Heard a rattle when riding over bumps. It was coming from the passenger area. Thought it might be the roll of cleaning wipes in the passenger door pocket. But that was a thin plastic container and this sounded metallic. Also, noticed that the seat was back very far and thought it might be rubbing, but that wouldn't have a metallic sound. Decided I should check the door pocket when I got home. Forgot!

The next day there was a forum question asking if anyone else had found a rattle caused by the passenger seat

belt hitting the side of the seat, when not in use. A light lit! That could be the rattle I heard, it could sound metallic?

### That Was The Rattle I Heard!

I went out and looked. Nothing that could make that sound in the passenger door pocket. Sure enough, the tongue that slips into the belt buckle was very close to the seat back and with a slight movement it hit! That was the metallic type sound I heard. Put some material around the metal and plastic parts so they could not hit the seat for a test. Took the car out for a drive, and no rattle sound!

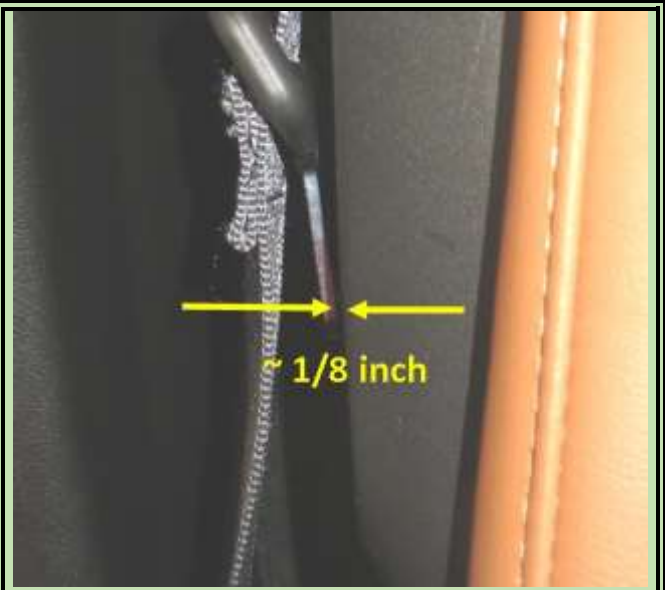
### The Solution, Use A Seat Belt Pad

By using a seat belt shoulder pad, it could be placed over the offending parts. Decided since the belt was black and the seat back near where the belt was located, was also black, that was the best color to use. As usual, it wasn't quite that simple and it also needed to be easy to adjust or move up the belt when a passenger was in the car.

The following picture overview shows what was done.

## Photo Overview

The tongue on the seat belt is very close to the seat back as shown in the picture right. I tried a number of seat positions but the metal tongue was always close to the seat back. The seat is set high for my wife, the main, although infrequent, passenger! It is also set at about the same angle as my seat when driving. Tried other seat positions but there were no practical positions where the seat would not be susceptible to having the metal belt parts hit on even a modestly bumpy road.



Purchased a Bell seat belt pad for \$6. It was made of foam and used Velcro strips to fit over the belt.

You can see from this photo that the plastic portion of the tongue that the belt slips through is much wider than the belt. The belt pad was designed to fit with a slip clearance over the belt but was not wide enough to cover the plastic and tongue. The Velcro closure was about an inch from the edge and the two Velcro parts would not close in that area.



The solution was to add an inch wide piece of Velcro to the outside edge of the existing Velcro strip on the pad. A piece 3 inches long would provide the attachment interface needed. The added Velcro had a very strong adhesive tape on to the back side, designed to attach to material such as the foam from which the pad was made.

In this picture, the extra piece of Velcro (white) was pressed in place. It allows the mating Velcro strip to attach another ~1 inch further apart so that section can cover the plastic part of the tongue.





The final belt pad covers the offending buckle parts from hitting the back. The padding makes any contact with the seat a non-issue!

After my wife used the pad, which she liked, she did not cover the buckle when she returned the shoulder belt. I noticed that even when the pad cover was not over the buckle, it still prevented the buckle from hitting the back of the seat! It spaced the buckle away from the seat back just by its bulk! Did not have to go through the trouble of making it wider to actually cover the buckle!

For the Grand Sport, found belt pads that were sufficiently wide and could cover the buckle without any modifications. A package of 2 was \$11.98 with shipping on eBay.

Will only use the passenger pad and since I seldom have passengers it will just stay in place over the buckle.



Pulled the belt out to show how it is mounted but it is usually not seen as it is behind the seat.

Other 2017 Grand Sport & 2014 Stingray PDF's Available:



*Some 40 items discuss improvements or information about a 2017 Grand Sport and 2014 Stingray function and/or esthetics. Some are minor and others, like the installing ceramic brake pads, include detailed install information.*

*Below are the PDF's available. Click on picture (may need Ctrl pressed.) Or just copy and paste the PDF info (Blue type) into your browser. Or email me at [GUtrachi@aol.com](mailto:GUtrachi@aol.com) and state the title desired, shown in Yellow:*

**Note:** GS indicates that info may only be in the process of being added to C7 PDFs.

### **Rusty GS/C7 Muffler**

*Why the C7 muffler is rusted and a simply way to make rust turn matte black.  
Bottom pic rusted, top pic treated*

[http://netwelding.com/Muffler\\_Rust.pdf](http://netwelding.com/Muffler_Rust.pdf)



### **Change GS/C7 Oil**

*WHY change your own oil and HOW to do it  
Revised, includes C7 Lifting Methods*

[http://netwelding.com/Changing\\_Oil.pdf](http://netwelding.com/Changing_Oil.pdf)



### **C7 Carbon Fiber Side Skirts**

*How to install side skirts with jacking information for  
DIY's without lifts*

[http://netwelding.com/Side\\_Skirts.pdf](http://netwelding.com/Side_Skirts.pdf)



### **C7 Carbon Fiber Splitter w/End Plates**

*How to install Splitter & Nylon bra fit*

[http://netwelding.com/CF\\_Splitter.pdf](http://netwelding.com/CF_Splitter.pdf)



### **C7 Removing GM Plastic Film**

*How To Remove The Rocker Panel Film*

[http://netwelding.com/Rocker\\_Panel\\_Film.pdf](http://netwelding.com/Rocker_Panel_Film.pdf)



### **GS/C7 Mirror Proximity Alarm**

*Limit switch alarm warns when passenger mirror is too close to door frame*

[http://netwelding.com/Mirror\\_Proximity\\_Alarm.pdf](http://netwelding.com/Mirror_Proximity_Alarm.pdf)



### **Jacking Pads for GS/C7**

*Jacking Pads must 2 1/2 inch max OD. Made four. Also Hockey Puck pad and 2 1/2 inch OD x 2 inch high pads bought after installing side skirts.*

[http://netwelding.com/Jacking\\_pads.pdf](http://netwelding.com/Jacking_pads.pdf)



### **GS/C7 Radar Power**

*The C7 cannot tap the mirror or sun visor for power !*

[http://netwelding.com/Radar\\_Detector\\_Power.pdf](http://netwelding.com/Radar_Detector_Power.pdf)



### **GS/C7 Belt Rattle**

*Passenger seat belt rattles against the seat back. The solution, add a shoulder belt pad.*

[http://netwelding.com/Eliminate\\_Rattle.pdf](http://netwelding.com/Eliminate_Rattle.pdf)



### **Aluminum C7 Chassis and Weld Repair**

*The C7 has an all aluminum chassis, made from 117 welded pieces*

[http://netwelding.com/Aluminum\\_Chassis.pdf](http://netwelding.com/Aluminum_Chassis.pdf)



### **GS/C7 Ceramic Brake Pads**

*The Z51 has very dusty brakes. These pads help!*

[http://netwelding.com/Ceramic\\_Pads.pdf](http://netwelding.com/Ceramic_Pads.pdf)



### **GS/C7 License Plate Frame;**

*Must Meet South Carolina Law*

[http://netwelding.com/License Plate\\_Frame.pdf](http://netwelding.com/License_Plate_Frame.pdf)



### **Manage GS/C7 Spilled Gas**

*Protect the side of the C7 when filling up with gas*

[http://netwelding.com/Manage\\_Spilled\\_Gas.pdf](http://netwelding.com/Manage_Spilled_Gas.pdf)



### **GS/C7 License Plate & Cargo Lights**

*LED license plate light & cargo area bulbs are brighter and whiter*

[http://netwelding.com/License Plate\\_Light.pdf](http://netwelding.com/License_Plate_Light.pdf)



### **GS/C7 Rear Cargo Area**

*Rear cargo area needs storage device and rear protector*

[http://netwelding.com/Rear\\_Cargo\\_Area.pdf](http://netwelding.com/Rear_Cargo_Area.pdf)



### **C7 Door Panel Protector**

*protector plate added to prevent scuffing of door when exiting*

[http://netwelding.com/Door\\_Panel\\_Protector.pdf](http://netwelding.com/Door_Panel_Protector.pdf)



### **GS/C7 Improved Cup Holder**

*A solution to the cup holder spilling under hard braking or shape turns.*

[http://netwelding.com/Improved\\_cup\\_Holder.pdf](http://netwelding.com/Improved_cup_Holder.pdf)



### **GS/C7 Wheel Chatter/Hop**

*Why sharp, low speed turns with cold tires causes the front tires to chatter/hop.*

[http://netwelding.com/Wheel\\_Chatter.pdf](http://netwelding.com/Wheel_Chatter.pdf)



### **C7 Carbon Fiber Grille Bar**

*Install genuine carbon fiber grille bar overlay*

[http://netwelding.com/CF\\_Grille\\_Bar.pdf](http://netwelding.com/CF_Grille_Bar.pdf)



### **Jacking a GS/C7 Vette**

*Safely jacking either front only or back and front*

[http://netwelding.com/Jacking\\_A\\_C7.pdf](http://netwelding.com/Jacking_A_C7.pdf)



### **Deer Whistle Installed on GS/C7**

*Do they work? Plus Install Info*

[http://netwelding.com/Deer\\_Whistle.pdf](http://netwelding.com/Deer_Whistle.pdf)



### **Replacing C7 Battery**

*After using a GM type charger and showing fully charged, voltage low, replaced battery with AGM!*

[http://netwelding.com/Battery\\_Issues.pdf](http://netwelding.com/Battery_Issues.pdf)



### **GS/C7 Window Valet**

*Lower Windows with FOB*

*Window Valet Helps 2014/2015 Latch Hatch*

[http://netwelding.com/Hatch\\_Latch.pdf](http://netwelding.com/Hatch_Latch.pdf)



### **GS/C7 Splash Guards**

*GM offers splash guards for the C7 Corvette. An easy DIY installation.*

[http://netwelding.com/Splash\\_Guard.pdf](http://netwelding.com/Splash_Guard.pdf)



### **GS/C7 Blind Spot Mirror**

*Smaller rear and side windows cause C7 blind spots. Small "blind spot mirrors" help*

[http://netwelding.com/Blind\\_Spot.pdf](http://netwelding.com/Blind_Spot.pdf)



### **GS/C7 Skid Pad Protector**

*After the air dam, the aluminum "skid pad" hits driveway ramps etc. Plastic protector helps.*

[http://netwelding.com/Skid\\_Pad\\_Protector.pdf](http://netwelding.com/Skid_Pad_Protector.pdf)



### **GS/C7 Wheel Locks**

*Wheel locks, torqued to required 100 ft-lbs, help protect your expensive wheels from theft.*

[http://netwelding.com/Wheel\\_Locks.pdf](http://netwelding.com/Wheel_Locks.pdf)



### **GS/C7 OnStar Lights**

*The OnStar LED's in the rear view mirror, at a quick glance, look like a police car flashing light! This is a fix.*

[http://netwelding.com/OnStar\\_Lights.pdf](http://netwelding.com/OnStar_Lights.pdf)



### **GS/C7 Skip Shift Eliminator**

*Skip Shift Eliminator install with suggestions on jacking a C7.*

[http://netwelding.com/Skip\\_shift\\_Eliminator.pdf](http://netwelding.com/Skip_shift_Eliminator.pdf)



### **C7 Catch Can & Clean Oil Separator**

*Direct inject engines like the LT1, are particularly subject to "coking." What is Coking and how to reduce the potential?*

[http://netwelding.com/Catch\\_Can.pdf](http://netwelding.com/Catch_Can.pdf)



### **GS/C7 Round Shift Knob**

*A round shift knob shortens throw.*

[http://netwelding.com/Shift\\_Knob.pdf](http://netwelding.com/Shift_Knob.pdf)



### **GS/C7 Stingray Sill Plate**

*Stingray sill plate replaces original.*

[http://netwelding.com/Sill\\_Plate.pdf](http://netwelding.com/Sill_Plate.pdf)



### **GS/C7 Nylon Bra**

*Nylon Bra Stops Bugs on Front and Grill.*

[http://netwelding.com/Nylon\\_Bra.pdf](http://netwelding.com/Nylon_Bra.pdf)



### **GS/C7 Clutch Fluid Change**

*Clutch fluid after 3000 miles gets dirty*

[http://netwelding.com/Clutch\\_Fluid.pdf](http://netwelding.com/Clutch_Fluid.pdf)



### **C7 Carbon Fiber Hood Vent**

*Replaces Plastic Hood Vent*

[http://netwelding.com/Hood\\_Vent.pdf](http://netwelding.com/Hood_Vent.pdf)



### **GS/C7 Cold Air Intake**

*Low Restriction Air Filter & Duct*

[http://netwelding.com/Cold\\_Air\\_Intake.pdf](http://netwelding.com/Cold_Air_Intake.pdf)



### **Garmin GPS for GS Cubby**

*Garmin Mounts in GS Cubby*

[http://netwelding.com/GPS\\_In\\_Cubby.pdf](http://netwelding.com/GPS_In_Cubby.pdf)



### **GS Splitter Stage 3 Winglet**

*Stage 3 Winglets Intergrate with Spats*

[http://netwelding.com/Stage\\_3\\_Winglets.pdf](http://netwelding.com/Stage_3_Winglets.pdf)



### **GS 2LT to 2.5 LT**

*Red Upper Dash Pad Like 3LT*

[http://netwelding.com/Red\\_Dash\\_Pad.pdf](http://netwelding.com/Red_Dash_Pad.pdf)



### **Jake Emblem/Decals for GS**

*Jake Symbols Support GS Racing Image*

[http://netwelding.com/Jake\\_Emblems.pdf](http://netwelding.com/Jake_Emblems.pdf)



### **GS Splitter Protectors**

*Cone Washers Protect Splitter Bottom*

[http://netwelding.com/Splitter\\_Protectors.pdf](http://netwelding.com/Splitter_Protectors.pdf)



*May Be Of Interest:*

### **Engineering a ProStreet Rod**

*How Our '34 ProStreet Rod Was Designed and Built  
8.2 Liter Engine, 4 Wheel Disk Brakes & Coilover*

<http://netwelding.com/Engineering%20Street%20Rod%203-08.pdf>

