

WA Technology

C7/GS and C6 Wheel Locks



Needed wheel locks for the 2014 Z51 Red Vette and debated whether to get chrome or should all the lugs be replaced with black and use a black wheel lock?

Having had a failure some years ago with a Gorilla wheel lock for a truck, the raised key broke, McGard was the brand I needed to buy.

Which Color:

Thought about going with black lugs and wheel locks as I had with the '08

C6 that was sold when the order in for the C7 was placed! The car was yellow with competition gray wheels. In fact the black lugs looked perhaps to dark next to the gray wheels.

In support of staying with chrome, the C7 has a chrome strip in the front grill, a Stingray emblem on the side, chrome emblems and chrome corvette name on the rear. However the car had a carbon fiber, black roof.



Decided to use chrome, for the Red 2014 and no question just removed when those it was sold and put them on the Grand Sport Machined Face wheels.



Photo Sequence of Purchase and Installation Information



When the black McGard Locks (and Lugs) were purchased for the C6, almost make a big mistake! Worth mentioning here so you are warned. I had planned to purchase the McGard "Tunner" Locks and Lugs shown on the left. Size was right (I thought) and the look was neat.

Having purchased Gorilla locks some 10 years prior for a truck and had the key break, now I will only purchase McGard!

The "Tunner" Lug Nuts were even neater! They have a keyed shape which I felt would look even better. This part number 65357BK kit had some question about suitability. A comment on the McGard Internet page stating "limited to Corvettes through 2000" had me concerned. McGard Tech answered my email with a "Call Me!"

He said, yes the thread size and seat were correct but these lugs were designed for foreign cars and the thread depth on the lock is borderline! The locks might bottom! Can't have a lug nut bottom!!



Since C7 Locks were not listed on the McGard web site, called a McGard Tech, who indicated their part number 24137 lock would work fine! In fact it is what GM sells under their part number for a wheel lock. The McGard part can be purchased for a much lower price from several sources on the Net. I purchased mine from Jegs.



The key is their standard Puzzle type with a skirt so it doesn't slip off. When you receive your locks, fill out the card and buy a spare! A lost key can be a real problem. I keep one in the car with the lifting pads I made and one in my tool box. Don't know when you might need them if you're having a flat repaired etc.

Be sure to use a manual not an air powered torque wrench and keep the key in line with the wheel lock. When torqued to 100 ft-lbs it is not easy for a thief to defeat, or at least it will slow them down.



Another item purchased was valve stem caps. The C7 came with silver colored plastic caps. Even the C6 came with black metal caps. To match the CF top, thought I would try some inexpensive CF caps purchased on eBay. Although metal and well-made they were too long and would not seal. Tried a shorter metal cap but the shape didn't fit the C7. Finally purchased the expensive GM licensed caps with a C7 logo. They look fine but are plastic! Took those off the 2014 when sold and put on the GS!



One last note. Several months ago someone in a forum complained that the point on the C7 logo center cap did not line up with the valve stem! They said Porsche center caps line up! There were a number of funny comments left as this did sound "anal retentive!" Thought perhaps it was said in jest, until I checked and sure enough mine all line up!! Guess it is like the Virgin Airlines motto, stains on the food tray reflect on the engine maintenance! *"Frankly Scarlett, I don't give a dam!"*

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 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



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



C7 Carbon Fiber Side Skirts

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

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



C7 Removing GM Plastic Film

How To Remove The Rocker Panel Film

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



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



GS/C7 Radar Power

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

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



Aluminum C7 Chassis and Weld Repair

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

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



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



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



C7 Door Panel Protector

protector plate added to prevent scuffing of door when exiting

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



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



C7 Carbon Fiber Grille Bar

Install genuine carbon fiber grille bar overlay

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



Deer Whistle Installed on GS/C7

Do they work? Plus Install Info

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



GS/C7 Window Valet

Lower Windows with FOB

Window Valet Helps 2014/2015 Latch Hatch

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



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



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



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



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



GS/C7 Skip Shift Eliminator

Skip Shift Eliminator install with suggestions on jacking a C7.

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



GS/C7 Round Shift Knob

A round shift knob shortens throw.

http://netwelding.com/Shift_Knob.pdf



GS/C7 Stingray Sill Plate

Stingray sill plate replaces original.

http://netwelding.com/Sill_Plate.pdf



GS/C7 Nylon Bra

Nylon Bra Stops Bugs on Front and Grill.
http://netwelding.com/Nylon_Bra.pdf



GS/C7 Clutch Fluid Change

Clutch fluid after 3000 miles gets dirty
http://netwelding.com/Clutch_Fluid.pdf



C7 Carbon Fiber Hood Vent

Replaces Plastic Hood Vent
http://netwelding.com/Hood_Vent.pdf



GS/C7 Cold Air Intake

Low Restriction Air Filter & Duct
http://netwelding.com/Cold_Air_Intake.pdf



Garmin GPS for GS Cubby

Garmin Mounts in GS Cubby
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



GS 2LT to 2.5 LT

Red Upper Dash Pad Like 3LT
http://netwelding.com/Red_Dash_Pad.pdf



Jake Emblem/Decals for GS

Jake Symbols Support GS Racing Image
http://netwelding.com/Jake_Emblems.pdf



GS Splitter Protectors

Cone Washers Protect Splitter Bottom
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>

