

C5 and C6 Corvette Stainless Steel 1/4" Front Subframe Spacer Kit



PN: L510050197

Parts List

C5 & C6 Stainless Steel 1/4" Front Subframe Spacer Kit

#	Description	Part number
2	1/4" spacer for subframe, rear (single slot)	XX04468-003
2	1/4" spacer for subframe, front (double slot)	XX04468-004

Tools & Materials Required

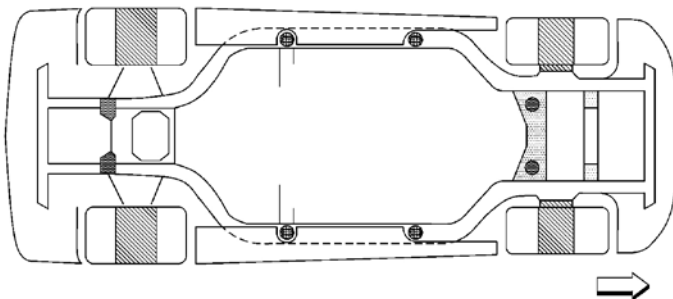
- (2) temporary spacers, 3"x1-1/2"x1/2" block, wood or plastic
- Jack Stands
- Torque wrench
- Metric deep socket set
- Pry bar or equivalent
- Ratchet

Thank you for purchasing the Lingenfelter Performance Engineering (LPE) C5/C6 Corvette front subframe spacer kit. This kit will raise the frame of the C5/C6 Corvette by roughly 1/4" in relation to the engine, which will in turn provide added clearance above the engine for a supercharger or other various engine components. The C5/C6 Corvette front subframe spacer kit offers an alternative to purchasing an aftermarket hood for applications where only a small amount (1/4" or less) of added hood clearance is required.

Read the entire instruction manual before beginning installation.



1. Open the hood. If you have been driving your vehicle, allow time for it to cool down before beginning this installation.



2. Raise the vehicle with a vehicle hoist or a jack and jackstands. Be careful to follow the GM lifting procedures on the Corvette due to the aerodynamic components being easily damaged and the low ride height of the vehicle.



3. You will be installing two spacers on each side of the vehicle. The locations in the front wheel wells are indicated by the arrows.

The wheels and brakes were removed for clarity.



4. Loosen, but do not remove the four (4) front subframe nuts. The nut must be loosened enough for the subframe to drop by 1/2".



5. You may have to pry down the subframe from the body using a pry bar as leverage. A temporary spacer may be used between the subframe and the body to hold the subframe down until you are prepared to install the subframe spacers.

WARNING: DO NOT PLACE YOUR FINGERS BETWEEN THE SUBFRAME AND THE BODY.



6. This illustration shows how the rear (single slot, XX04468-003) subframe spacers are installed.



7. This illustration shows how the front (double slot, XX04468-004) subframe spacers are installed.



8. Tighten the four (4) engine cradle nuts. Torque the engine cradle mounting bolts to 110 Nm (81 ft-lbs). You may need to pry down on the subframe to get it to lower.

GM service information specifies that vehicle alignment is not required if you are lowering or dropping the subframe. However, you are removing bolts that pertain to the alignment of your vehicle. It is advised that you check your vehicle's alignment.

Installation of the C5/C6 stainless steel 1/4" front subframe spacer kit is now complete.

For additional product installation information and technical support, contact LPE or your LPE products distributor. You can also find technical support and usage discussions regarding this product and many other LPE products in our Internet forums:

<http://www.lingenfelter.com/LPEforumfiles>

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