

Elite Engineering's Aluminum Gas Pedal Installation on a **C6 Corvette**



Summary

Congratulations on your purchase. Below you will find detailed instructions on how to correctly install your **Aluminum Gas Pedal**. For pictures with larger detail, please visit our website. If you have any questions during the install, don't hesitate to give us a call.

Your aluminum will be installed *in place* of your existing plastic stock pedal. You will remove your stock gas pedal, and reinstall your newly purchased aluminum using a shoulder bolt (supplied) and the existing stock spring.

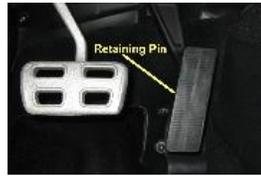
Recommended Tools:

- Elite Engineering Aluminum **Gas Pedal**
- Pair of Vise-Grips to remove stock gas pedal pin
- 3/32" Allen Wrench
- 3/16" Shoulder bolt (supplied w/ new pedal)
- Original Tension Spring Arm



On the left side of your stock gas pedal, locate the spring retaining pin. Shown in this second picture in **RED**. This is the pin that must be removed.

Again, a mirror comes in handy to get a better view.



With a pair of Vise-grips, reach around your stock gas pedal and remove the retaining pin. It's a press fit so you may need pull with some force to remove it. In some cases you may need to pry it out with a screwdriver or sharp wood chisel.



Some members have found this tool to be very useful when trying to remove the retaining pin >>>

Another idea: Use a small C-Clamp and a 13mm short socket on the head (left) side of the pin. A couple turns of the C-Clamp will force the pin out.



This is how the Gas Pedal Lever will look after the retaining pin has been removed. The second picture shows how the pin fits.



This is how the backside of your stock pedal looks compared to the new aluminum pedal.

The second picture shows the retaining spring orientation.



Next, insert the "supplied" 3/16" shoulder bolt into the Gas Pedal and begin to push it through the Gas Pedal Lever. Once the shoulder bolt has been started, install the Tension Spring Arm.

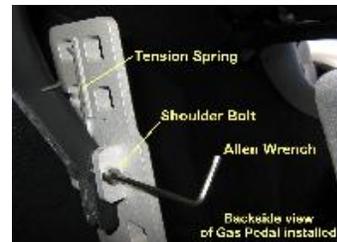
Note: It is easier to install the shoulder bolt without having any tension on the retaining spring. To accomplish this, do not wrap the Tension spring arm around the Gas Pedal Lever until the shoulder bolt is completely inserted. Pictures 2 and 3 show the "loose" tension spring.

This is the most challenging part of the install. The next couple pictures show the correct orientation of the Tension Spring Arm.

***** It is recommended to add a drop of "blue" Loctite to the threads on the shoulder bolt to prevent any chance of disassembly.**



Once the spring is in the correct orientation, using the 3/32" Allen wrench and tighten the shoulder bolt.



This is how your Gas Pedal will look after the installation >>>>>>>>>>

