



Camaro V8 Engine Mount Installation

Tools Needed:

3/8" drive ratchet
24" long 3/8" extension
torque wrench
15mm socket
18mm deep socket
3/8" drive universal
screw jack

This procedure is best performed on a vehicle lift, however it is possible to install these mounts using a floor jack and jack stands.

For questions please see the DOCS area on our website <http://www.pfadtracing.com> or call 888-972-2464



Removal

Open hood and using a long extension on a 3/8 ratchet with a swivel, remove the upper engine mount nuts on both sides of the engine (18mm hex)



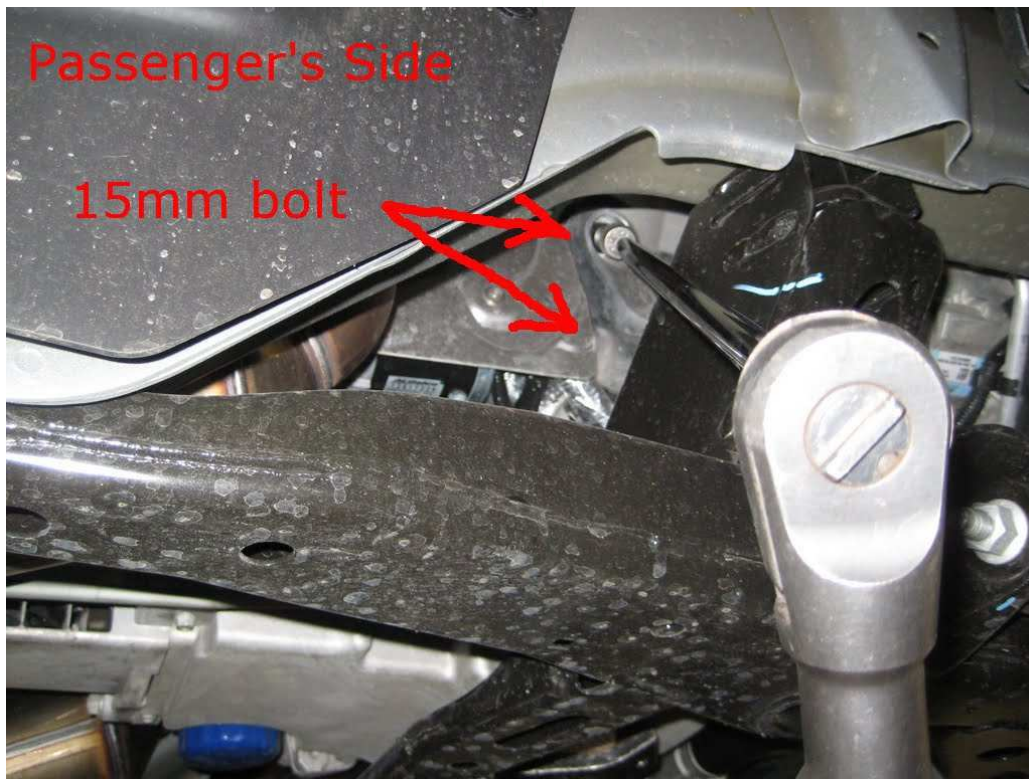
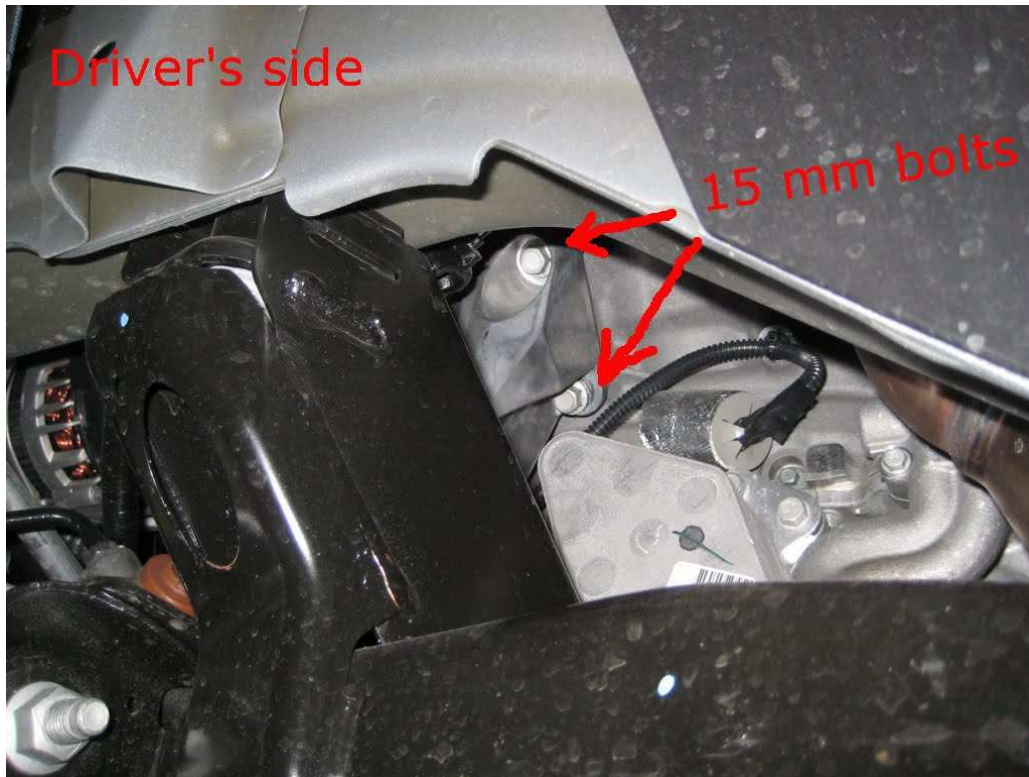
Raise the car on the lift (or lift the car and safely support on jack stands). If using jack stands, it will be necessary to remove the front tires.

Using the 18mm socket, remove the nuts from the lower stud of the engine mounts.

Using the screw jack and a protective block of wood, raise the engine off of the engine mounts by lifting on a structural portion of the oil pan. Use care to not damage the cast aluminum oil pan. The upward travel of the engine will be limited by the exhaust contacting the underside of the body. Stop when contact occurs, you will get the extra room required by removing the engine mount pedestals from the engine block.



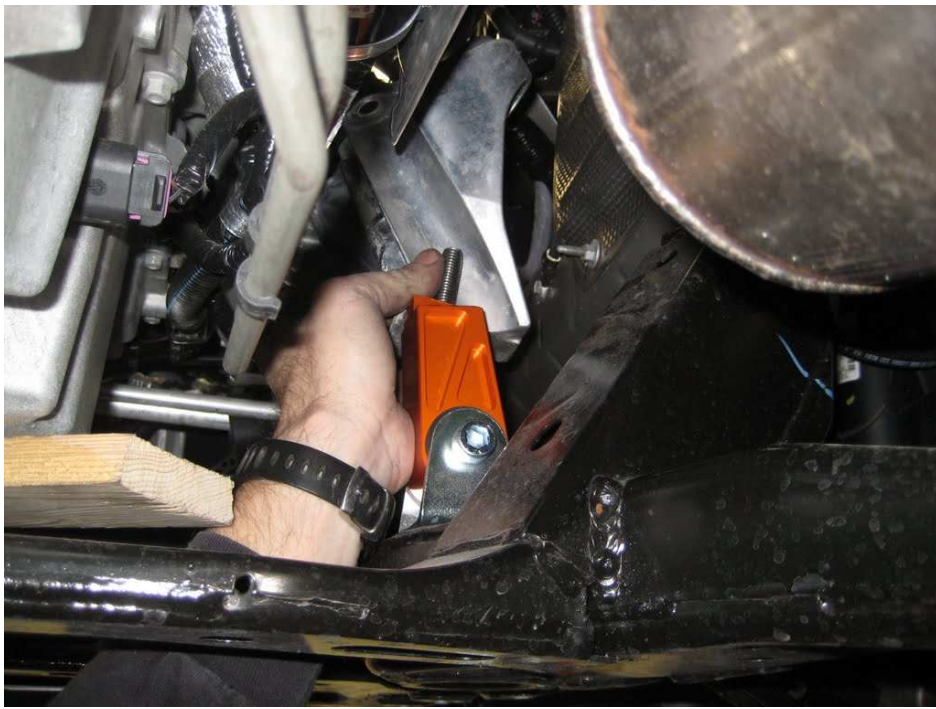
Using the 15mm socket and universal on a long extension, remove the four bolts holding the engine mount pedestals to the engine block on each side.



One at a time move the pedestals out of the way enough to remove the stock engine mounts.

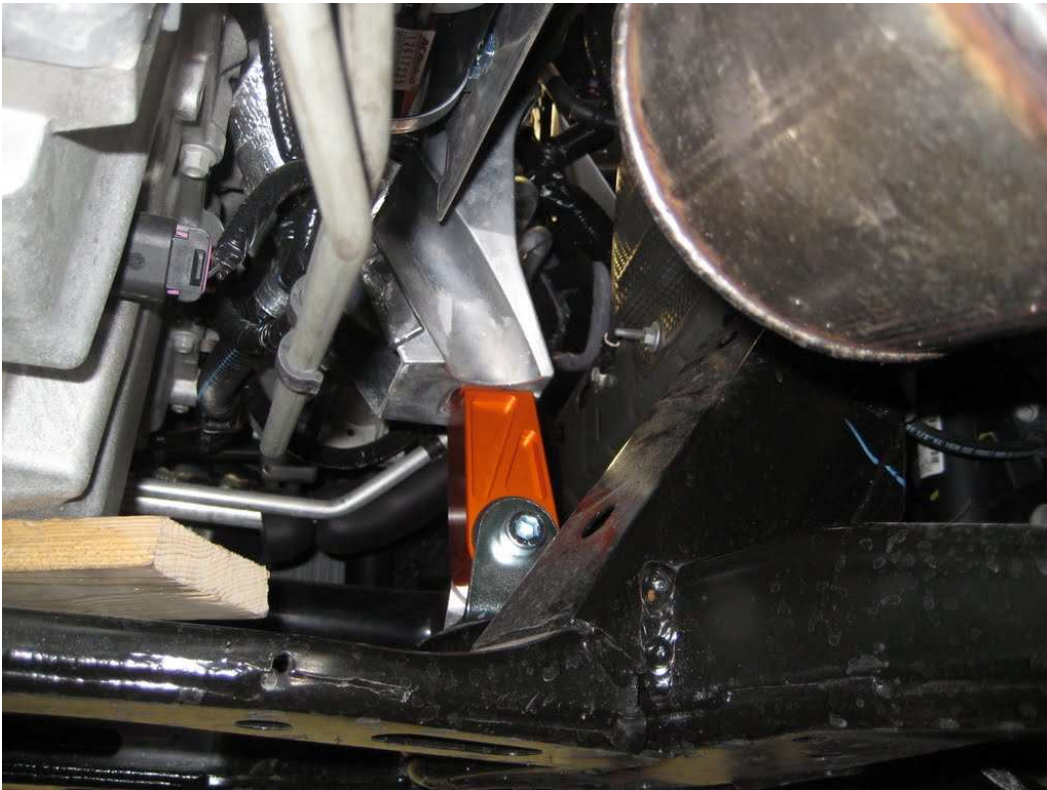
Installation

Install the Pfadt engine mounts in place of the stock mount being sure to orient the mounts correctly. The tab on the lower steel portion of the mount will engage a slot in the Camaro subframe.

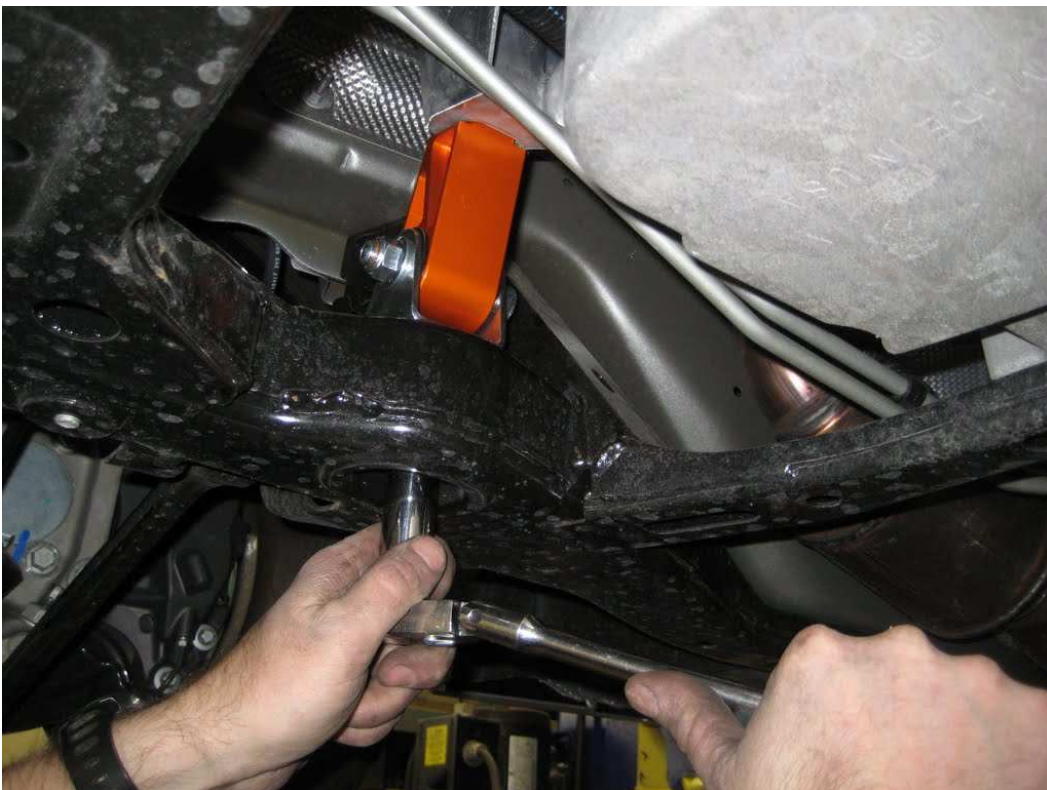


Re-install the pedestals to the engine block using the original bolts. Torque bolts to 37 lb-ft

Align the upper studs on the Pfadt engine mounts with the holes in the pedestals and carefully lower the engine down onto the mounts.



Using the crush nuts from the factory mounts, start the nuts on the studs of the Pfadt mounts (upper and lower). Torque the lower nuts to 37 lb-ft





Lower the car to the ground. Using the long extension again, torque the upper engine mount nuts to 37 lb-ft.