

Introduction

We hope that the installation of your new Novak engine top cover goes very smoothly on your Jeep® conversion. This guide covers the installation of our #G3TC (Gen III) and #G4TC (Gen IV) Vortec truck engine top cover kit for a variety of Jeep engine conversion applications.

The Vortec line of engines is renown for the torque they produce, much aided by their tall intake manifolds. This presents a hood clearance challenge when they're installed into many models of Jeeps, and instead of cheating the engine downward to clear the hood (thereby reducing the front axle clearance), this kit allows the installer to remove the cosmetic factory top cover which is excessively tall by as much as 1-1/2", and replace it with this sleek and low profile version. The Novak top cover is made of a laser-cut, anodized aluminum that has been laser engraved.

Despite whatever your experience with this type of work may be, we strongly advise you to read these instructions well and save them for future reference and parts numbers. Contained in these instructions are the requirements, tips, hints and tricks of performing these conversions, both in our own facility and information we've gained from discussing this upgrade with our customers. Put this information to good use. Failure to implement the practices and information in these pages may jeopardize



JEEP® POWERTRAIN SUPERIORITY



Factory engines such as this 2007 L76 6.0L are as much as 1-1/2" unnecessarily tall with their plastic covers installed.

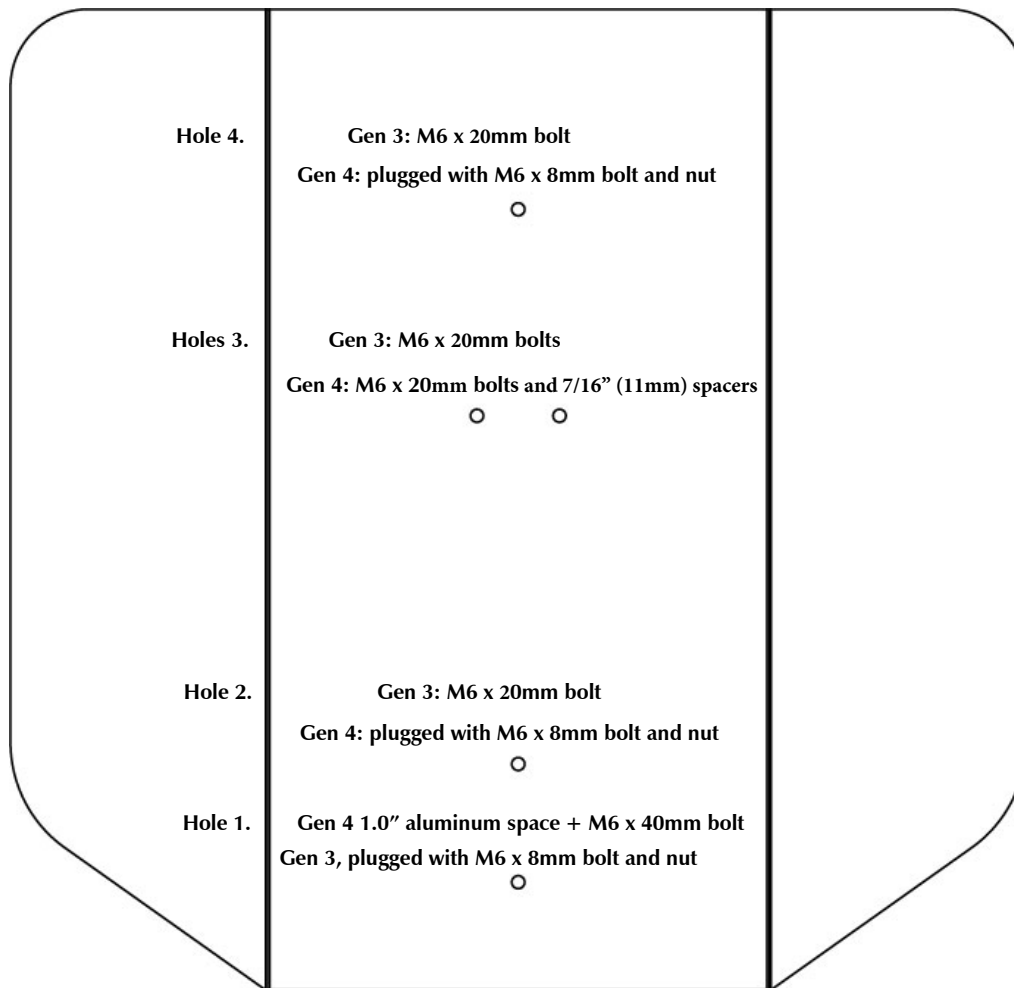
ardize the quality of your work, as well as the product warranty.



Installation

Installation is straightforward, and begins with removing the factory engine top cover by releasing its 8mm front bolt (for most covers) and / or its plastic clip retainers. Remove any retainer clip bases by removing their 8mm bolts. You should then see four bosses on the top of your manifold with molded-in brass threads.

Install the provided hardware and spacers as provided for your particular version using an Allen style wrench. Do not overtighten the bolts. A temporary (usu. blue) threadlocking compound may be used sparingly if desired.



Conclusion

We have had great results with this cover. We strongly suggest that you keep these instructions for future reference. For questions concerning your conversion, contact us and we'll be pleased to answer your questions. There is no final word to our instruction packages. We update them often and invite our customers to offer any suggestions, images or questions they may have that can make the process easier for any to follow. Note our contact information below.



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