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3D Skullz Billet Engine Wedge Installation Guide

READ THESE COMPLETELY BEFORE BEGINNING

- 1) Remove stock engine wedges (aka "cheese wedges") and rubber grommets from brackets.
- 2) RIGHT SIDE**: Place solid wedge on the bracket, positioning studs into the slotted holes in the bracket. Install/start the 5/16" S.S. washers and 1/4" S.S. lock nuts onto the studs where they come through the bracket. Patience may be required for those with larger hands. Using either a strubby 7/16" wrench, or preferably a 1/4" drive ratchet with a deep 7/16" socket, carefully tighten down the (3) nuts until snug, squaring and centering your wedge before gently snugging down the nuts. DO NOT OVER TIGHTEN.

** : '08 and up use the three supplied 1/2" nylon spacers for sensor clearance.

- 3) LEFT SIDE: (w/ ignition hole) Place the Skullz with the ignition switch centered in the relief on the backside with the studs through the bracket. Once proper positioning is achieved, install/start the S.S. washers and S.S. lock nuts on the studs. Using the same tool as you did on the right side wedge, lightly tightening down the nuts, make sure the wedge is straight up and down, then snug the bolts down gently. DO NOT OVER TIGHTEN.

Note on left side fitment: Due to deviations found in the factory tolerances between the different components on this side... brackets, the ignition switch, the coil mounts, and the coils, it may be necessary to use one to two 1/4" SS washers (included) on the studs before inserting the wedge into the bracket for proper clearances. The proper fit is when the ignition switch site snugly up into the recess for it and the standoff legs on the Skullz meet the bracket, and there is not excessive pressure on the plug wire rubber ends (slight resistance is OK as the rubber does compress. To add more wire boot clearance simply pull plug wires from coils, undo the clips holding the wires to the outside of the bracket, reroute them from behind and through the inside of the bracket, plug them back in, and rotate them as necessary for clearance.

- 4) Go ride and show them off!

TIPS:

- 1) I suggest starting with the bottom base bolt/washer/nut first, lightly snugging it, making working on the two top ones much easier.
- 2) When doing the left side, it's made easier by loosening, or disconnecting, the top two bolts holding the bracket where it attaches to the frame, giving you more room to access the nuts..
- 3) To prevent marring the finish during installation you can cover the outer surface of the Skullz with a layer or two of masking tape (I only recommend using the blue 'leave no residue' variety) on all surfaces. Then simply peel it off after installation.