



Gator Fasteners Competition Series Head Stud Kit

Fits: Chevy/GMC 2001-2016 6.6L Duramax Diesel • Part Number: HSK66-CS

Parts Included:

- (36) Head Studs
- (36) Head Stud Nuts
- (36) Head Stud Washers
- (8) Head Bolts
- (1) Assembly Lube

Tools Needed:

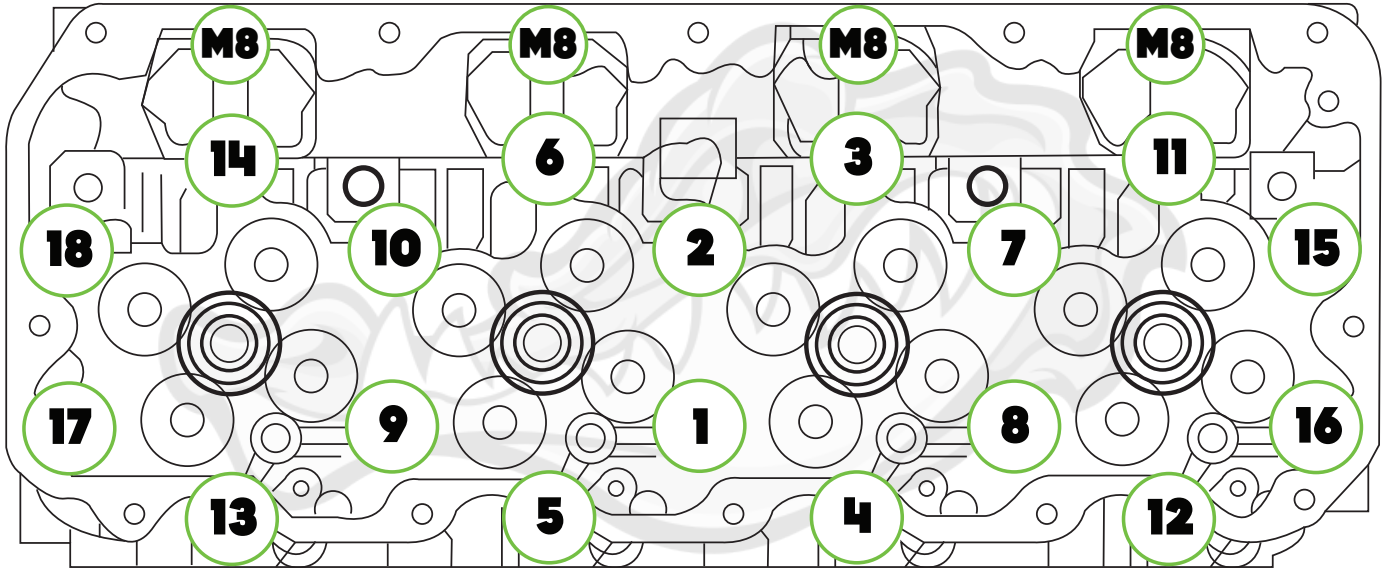
- 12pt Socket Set
- Torque Wrench
- Thread Chaser
 - M12 x 1.5 (item# TCCM12x1.5)
 - M8 x 1.25 (item# TCCM8x1.25)

Please Read Instructions before starting installation. If you don't feel confident that you can complete this task, do not start it and seek professional help!

- These instructions only cover the installation and torque sequence/technique of the Head Stud Kit.
- Clean and inspect the Studs, Washers, and Nuts to ensure they are free of shipping damage and obvious defects.
- Clean all threads in the block. It is recommended to use a Thread Chaser on the threads of the block to ensure they are completely clean.
- Lubricate the threads of the Head Studs and install them into the block. Be sure to only screw them in **HAND TIGHT**. Look across the tops of the head studs to see that they all appear to be the same length. If one is taller, remove the stud, clean the threads in the block and reinstall.
- Install the head gaskets and cylinder heads; check for any misalignment.
- Place head stud washers onto the head studs. Then lubricate top of head stud washers and head stud threads with assembly lube.
- Lubricate the mating face and threads of the Head Stud Nuts with Assembly Lube and install them onto the Head Studs tightening them **HAND TIGHT**.

- ❑ Snug all Head Stud Nuts on the Head Studs, then follow the torque sequence below in a 4-step process for the Head Stud Nuts.

1. The first round should be to 50 ft lbs. (positions 1-18)
2. Then repeat the sequence for 100 ft lbs. (positions 1-18)
3. Then repeat the sequence for 150 ft lbs. (positions 1-18)
4. M8 Bolts to 25 ft lbs.



- The amount of Head Stud threads showing above the Head Stud Nut should all be about the same. If one appears to have more thread, the stud is most likely not all the way in the head.

- ❑ Lubricate the mating face (bottom of head) and threads of the Upper Row 8mm Bolts with Assembly Lube and install them following the torque sequence below in a 2-step process going from inward-out.

1. The first round should be to 10 ft lbs.
2. Followed by 25 ft lbs.

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Seller disclaims any responsibility/ liability for improper, incorrect, or inexperienced installation of products by the purchaser or installer resulting in damage or loss. Buyer affirms by purchase of this product that it is fit for intended use and accepts all liability. Buyer affirms products are used at buyers own risk and accepts full responsibility.

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