



INSTALLATION ON '89-'98 CUMMINS 5.9L 12V - PART #TTC899812VHS08

**Confirm you have the correct part number
for your truck before installation.**

1. Clean and inspect hardware prior to installation. Examine for damage, defects, fit and dimensions (see illustration B on reverse side).
2. Clean all threads in the block to ensure proper thread alignment and torque readings.
3. Hand tighten the studs into the block. Do not tighten completely. For permanent stud mounting, Loctite can be used. Be sure to torque fasteners before the Loctite sets up.
****Loctite is not recommended as studs will be damaged if later removed.**
4. Install the cylinder head(s). Check for misalignment and/or binding.
5. Prior to installing the washers and nuts onto the studs, lubricate the block, head, stud, and nut threads with the included fastener lubricant. *Do not use motor oil.*
6. Install the washers and nuts onto the studs and hand tighten.
7. Install the pushrods.
8. Install the rocker arms and the rocker arm pedestals onto the cylinder head as an assembly according to OEM procedures. Make sure the dowel on the bottom of each pedestal is aligned properly with the alignment holes in the cylinder head and the pedestals are sitting down flush on the head with the valve lash adjusters completely backed off.
9. Lubricate the threads on the secondary 8mm rocker arm pedestal (hold down) bolts.
10. Install the washers and the 12pt nuts onto the cylinder head studs and tighten them hand tight.
11. Install the secondary 8mm rocker arm pedestal (hold down) bolts into the cylinder head. Tighten the bolts hand tight. Note: The secondary 8mm rocker arm pedestal (hold down) bolts must be installed in place before tightening the head studs to properly align the tips of the rocker arms with the valve stems.

See Pre-Load Torque Recommendations and Diagrams on Next Page.