



# TRACKTECH

## RACE-PROVEN FASTENERS

### HEAD STUD INSTALLATION ON '98.5-'19 CUMMINS 24V 5.9L/6.7L - PART #TTC98520HS10

**NOTE: 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.
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.  
If you prefer permanent stud mounting, Loctite can be used. Be sure to torque the fasteners before the Loctite sets up.

**NOTES:**

**A.) The 6.625" long studs install along the exhaust manifold side of the cylinder head in the No. 3, 6, 11, 14, 19 and 22 positions of the torque sequence.**

**B.) 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. Using the included lubricant, follow TRACKTECH's recommended torque sequence and tighten the nuts in three equal steps (see diagram below).

### INSTALLATION SEQUENCE

**Step #1: Tighten bolts 1-26 to 40 ft. lbs.**

**Step #2: Tighten bolts 1-26 to 80 ft. lbs.**

**Step #3: Tighten bolts 1-26 to 125 ft. lbs.**

