

Installation Guide

Cylinder Head Stud Kit

1989-1998 Dodge Cummins (5.9L 12-Valve)

555-83433

Fastener Installation

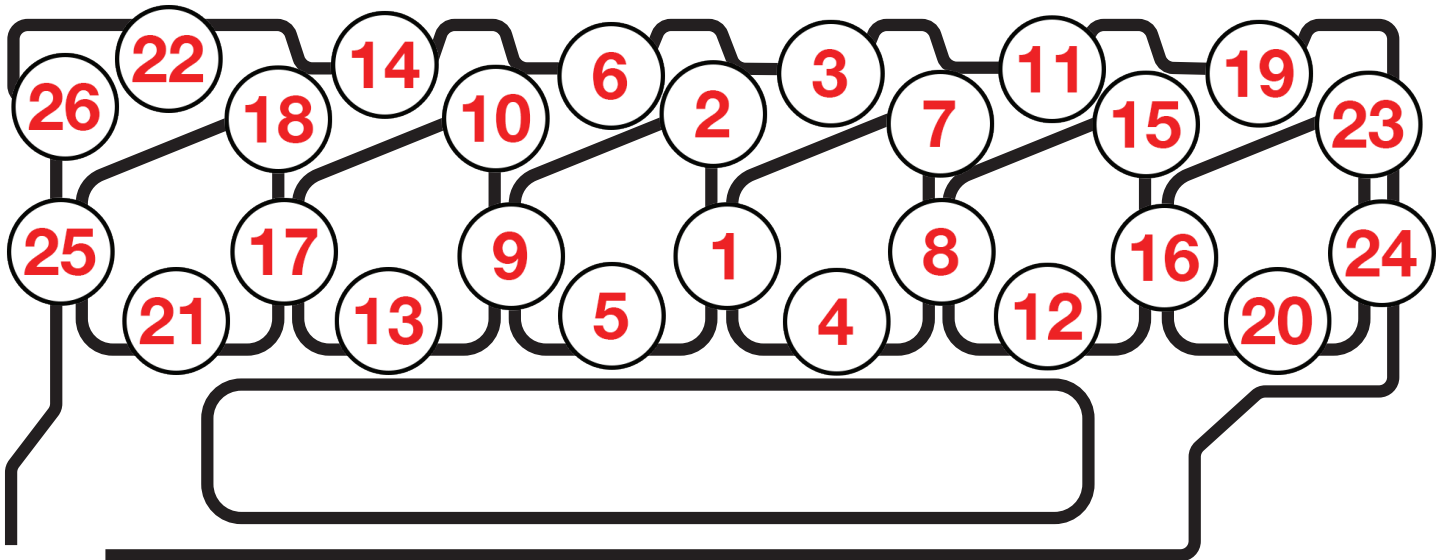
1. Inspect kit for damage and confirm correct quantities.
2. Please clean all dirt and debris from engine block holes and threads.
3. Make sure all mating surfaces are flat, clean, and dry of any cleaning related products. Install the head gasket and cylinder head.
4. Hand-tighten (no tools and no lube) studs. Remove fasteners and clean or repair threads if necessary.
5. Liberally add supplied assembly lube to the entire threaded length of the fastener. Thoroughly work lube into all of the threads. When applying lube to bolts, please lube under the bolt head and threaded area. Apply lube to nuts on the bearing surface.
6. Install studs into block by hand.

Torque Recommendations

- Follow torque sequence on the following page.
- Torque fasteners in 3 equal incremental steps until final torque specification is reached.
- The torque values provided are for the supplied lubricant only, other lubricants may need more or less torque and are not recommended.

CYLINDER HEAD STUD KIT COMPONENTS			
M12 Stud (Long)	6	12 Point Nut	13
M12 Stud (Medium)	14	Washer	26
M12 Stud (Short)	6	Assembly Lube	1
8mm Bolt	6		

Torque Sequence



M12 Studs

Torque Spec: 115 ft. lb.

8mm Bolts

Torque Spec: 30 ft. lb.