



INTRODUCING CRYO-TREATED CYLINDER HEAD STUD KIT FOR C15



Elevate Your Engine's Performance with Cryo-Treated Technology

Our [C15CHSKFR](#) Cat Cylinder Head Stud Kit is engineered to deliver unparalleled strength and reliability for Caterpillar C15 series engines. Featuring cryo-treated studs, nuts, and washers, this kit stands out in the industry for its exceptional performance.

Why Cryo-Treated?

Cryogenic heat treatment is a cutting-edge process that enhances the durability and effectiveness of engine components. Here's how it works:

- **Cryogenic Treatment:** Materials are cooled to approximately -310°F using liquid nitrogen, which removes residual stresses.
- **Controlled Reheating:** Temperature is then gradually increased back to room temperature, followed by a mild heat treatment process.

This method ensures that our cryo-treated studs provide:

- **Smoother Installation:**** Parts tighten down smoothly and retain their torque longer.
- **Enhanced Clamping Force:** Achieved without the twisting of the shaft, purely through the force of the nut against the washer.
- **Durability:** Studs, nuts, and washers are reusable and maintain their integrity over time.

KEY FEATURES OF C15 CRYO-TREATED STUD KIT:



- **Plastic Sleeves:** Each stud comes in a plastic sleeve, color-coded by length. Nuts and washers are bagged separately.
- **Torque Specifications:** No additional tightening needed. Use OE torque specifications and torque sequence.
- **Versatility:** Compatible with Caterpillar 3406E, C15, C16, C15ACERT, C18 engines in both on-highway and industrial applications.

Part Number: [C15CHSKFR](#)

Part Description:

C15 Cryo-Treated Stud Kit

Quantity per Kit:

C15STUDLFR = 10

C15STUDSFR = 16

C15NUTFR = 26

C15WASHERFR = 26



All existing IPD customers can order IPD products through IPDNet at store.ipdparts.com, or contact your IPD customer service representative at +1 310-530-1900 or email service@ipdparts.com. For IPD Europe customers, you can order using eustore.ipdparts.com. For IPD Australia you can email ipdaust@ipdparts.com. For new inquiries please reach out to your local distributor.



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