



Charge Air Coolers

Why do thousands of Truck and Bus professionals trust Northern Radiator as their source for Charge Air Coolers? At Northern, you'll find the coverage you need combined with the quality and features you demand, all delivered quickly, and at a fair price.

- Over 300 models covering thousands of truck and bus applications
- Laser-scanned cast tanks for exact match of OEM fit on every charge air cooler we develop
- Core and tanks built to match OEM standards for reliable performance
- Built brand new: No recores, rebuilt units, or core charges
- 2-Year or 250,000 mile warranty on all charge air coolers (from the date of installation)

Not all Charge Air Coolers are created equal!

Superior quality isn't just something we say—it's built into every detail. In fact, our charge air coolers have an industry-low warranty return rate of just 0.4%!



Covering major truck models, such as...

Freightliner, Int'l, Kenworth, Navistar, Peterbilt, Mack, Volvo, Western Star and more!

Charge Air Cooler Isolator Kit

As an added benefit, Northern Radiator includes isolator kits with some of our most popular charge air coolers.

WHY IS THIS A BIG DEAL?

- Save \$60-\$125 over OEM kits
- Protect the newly installed CAC with new proper mounting rather than using the old, worn out rubber isolators
- NO ADDITIONAL COST to you — Savings right in the box!

In addition, these kits are sold individually to replace worn out isolators on Northern's or the OEM charge air cooler!

■ Visit our website or contact customer service to determine the correct isolator kit for your application.

Z72016 Isolator Kit

Z72019 Mounting Kit

Z72021 Isolator Kit

Z72018 Mounting Kit

Z72020 Isolator Kit

Z72022 Isolator Kit



Z72016

Charge Air Cooler Test Kit

Why test? A leaky charge air cooler can result in a loss of fuel mileage and horsepower. According to most OEM

specifications, charge air coolers that show a pressure drop greater than 5 PSI within 15 seconds when pressurized at 30 PSI should be replaced. Northern's CAC test kit provides you with the tools to safely and effectively diagnose a leak (often without even removing it from the truck). Get your test kit today!



CHARGE AIR COOLER LEAK TESTING OEM RATE SPECIFICATIONS:

Caterpillar	5 psi in 15 seconds @ 30 psi
Cummins (ISB, ISC, N14)	7 psi in 15 seconds @ 30 psi
Cummins (ISX, M11)	5 psi in 15 seconds @ 30 psi
Detroit Diesel	5 psi in 30 seconds @ 25 psi
Dodge	7 psi in 15 seconds @ 30 psi
Ford	1.5 psi in 60 seconds @ 28 psi
International	5 psi in 15 seconds @ 30 psi
GMC/Chevy	5 psi in 15 seconds @ 30 psi
Mack	5 psi in 15 seconds @ 30 psi
Mercedes	5 psi in 15 seconds @ 25 psi
PACCAR	5 psi in 15 seconds @ 25 psi
Volvo	7 psi in 15 seconds @ 30 psi

Note: charge air coolers are not designed to be 100% air tight or leak free.



RW0090-11 Charge Air Cooler Test Kit

(Showing a properly mounted V-clamp just below the hose bead.)



SCAN ME TO WATCH THE VIDEO!
Learn More about Northern's CAC Test Kit