

COOLING SOLUTIONS

Cat 797F Charge Air Cooler

REDEFINING OEM PERFORMANCE

The OEM cooler is a mechanically expanded tube-and-fin core with brass tubes, copper fins, and a steel frame to manage internal pressure. This mixed metal design lowers thermal efficiency, requiring a larger surface area. Common servicing issues include:

- Leaking tubes requiring “plugging”
- Fin separation
- Gasket and O-ring failures

HEPI COOLING INNOVATION

We engineered a solution using our **proven Bar & Plate technology**, delivering tangible benefits in reliability, serviceability, and efficiency. This re-engineered unit sets a new standard in performance.

FEATURES & BENEFITS

- Built with **CM5 material** and full anodised components for superior corrosion resistance
- **Lower charge air discharge temperature**, reducing EGT under full load
- **Extruded tanks with external reinforcement** for improved airflow and structural strength
- **One-piece core design** eliminates traditional gasket leak points
- **Reduced overall weight** lowers front axle load and radiator stress
- **Straight-through fin design** minimizes contamination and simplifies cleaning
- **Direct OEM fitment**, no modifications required
- **Fully sealed core and tank assembly** for easier servicing
- **Significantly reduced total cost of ownership (TCO)**

AVAILABLE VERSIONS

Part Number	Description	OEM Replacement
HE0177574-N	CORE; 797F CHARGE AIR COOLER (with tanks pre-fitted to reduce assembly time and eliminate gasket leaks)	323-1735
HE0177275-N	COMPLETE CHARGE AIR COOLER including mounting sidebands	484-7590 & 513-9307

Interested in learning more? Reach out to us Online:

