



HD Engine Coolant Reservoirs



Modern engines operate under high thermal loads, making efficient cooling systems essential for performance and longevity. The engine coolant reservoir—also known as an expansion tank—plays a critical role in maintaining system stability.

When coolant heats up during engine operation, it expands, increasing pressure within the cooling circuit. To prevent damage and maintain optimal performance, BEHR® expansion tanks, by MAHLE, release excess pressure through a regulated valve integrated into the cap. This process ensures that system pressure remains at a predefined level, reducing stress on the radiator and other cooling components.

Beyond pressure regulation, MAHLE expansion tanks provide:

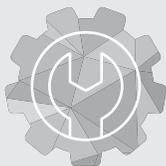
- Consistent Cooling Performance: By maintaining the correct pressure, they help prevent overheating and cavitation
- Durability and Reliability: Manufactured from high-quality materials to withstand extreme temperatures and pressure cycles
- Integrated Safety Features: Pressure relief and return mechanisms protect the entire cooling system from failure
- Optimized Design: Compact and lightweight for easy integration into modern engine compartment without sacrificing capacity

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Image No.	Part Number	Make	General Application	Incl. Cap	Incl. Sensor	OE Number
1	CRT 221 000S	Freightliner	08-18 Freightliner Cascadia, Century Class, Columbia, Coronado, M2 112	Yes	Yes	A0525263005, A0525263003
2	CRT 282 000S	Freightliner	18-24 Freightliner Cascadia	Yes	Yes	A0532836000
3	CRT 272 000S	Freightliner	05-18 Freightliner M2, THOMAS C2 05-10	Yes	Yes	05-21178-000, 05-23195-000, 0521178000, 0523195000, A0523195000
4	CRT 127 000P	Freightliner	90-11 Freightliner FLD120 1990-2011, FLD120SD 03-09 Sterling Acterra	No	No	A0523063000, A0512957000



Image No.	Part Number	Make	General Application	Incl. Cap	Incl. Sensor	OE Number
5	CRT 238 000S	International	03-18 International Prostar, 9900i, 9200i, 5900i	Yes	No	2591620C91, 3599401F91, 3599401F92, 4062312C1
6	CRT 274 000S	Kenworth	08-17 Kenworth T660, T800, W900; 18-08 Peterbilt 348, 365, 367, 382, 384, 386, 388, 389	Yes	Yes	N5346001
7	CRT 271 000S	Kenworth	17-21 Kenworth T680, T880 / Peterbilt 579	Yes	Yes	DR10400, DR104004
8	CRT 273 000S	Volvo Truck	98-03 Volvo VN , VNL , VNM	Yes	Yes	1674916, 1674922, 8149506
9	CRT 233 000S	Volvo Truck	08-17 MACK CHU, CXN, CXU & Volvo VNL, VNM, VHD	Yes	Yes	21846997, 21513975, 21314361, 21074555, 20968795, 21000194, 21038101, 21067134, 21074569, 22061290



TechTool
by MAHLE

MAHLE's TechTool delivers essential engine cooling and air conditioning knowledge online, including technical insights, troubleshooting tips, and fundamentals of the system.

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