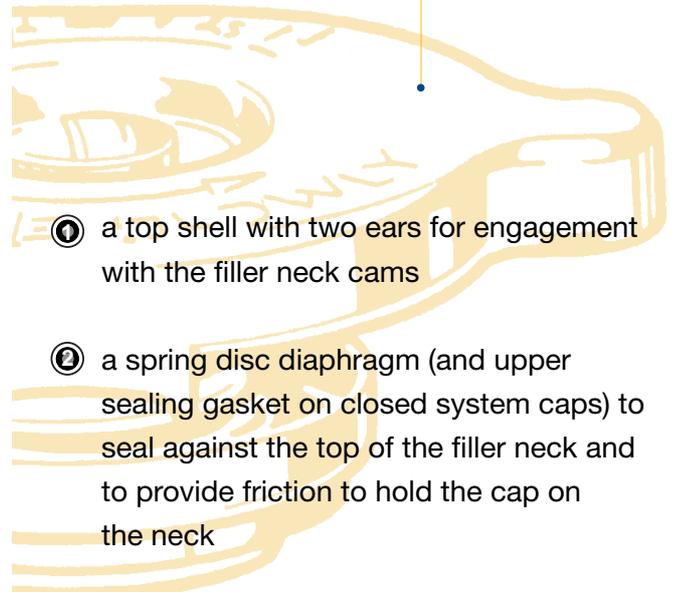


# Increase cooling system efficiency with Gates radiator caps

Gates offers an extensive range of cooling system products, including hoses, hose clamps and connectors, and thermostats supplied complete with gaskets and seals. Now Gates is introducing a new product line within the cooling system range, offering a complete range of high-quality radiator caps and header tank caps for passenger cars and light-duty commercial vehicles.

## 1. Sturdy caps

The radiator cap can be considered the safety valve of the cooling system. It is designed to add pressure to the cooling system and increase the boiling point of the coolant. Secondly, the cap seals the system to keep the air out and prevent corrosion. Gates radiator caps are comprised of:



- ① a top shell with two ears for engagement with the filler neck cams
- ② a spring disc diaphragm (and upper sealing gasket on closed system caps) to seal against the top of the filler neck and to provide friction to hold the cap on the neck
- ③ a stainless steel pressure valve spring and pressure valve to seal against the radiator filler neck
- ④ centred in the pressure valve, a vacuum relief valve – some normally closed (or spring pressed); others weighted in an open position



## 2. Extensive product range

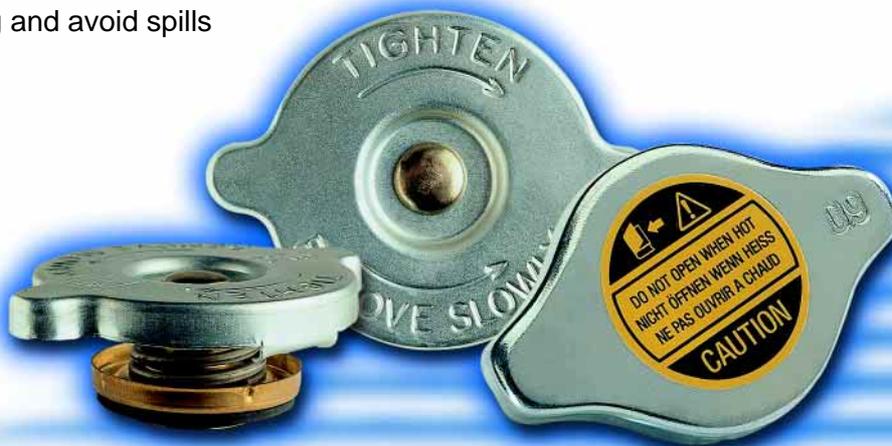
Gates offers a complete line of automotive radiator and header tank caps, for use on virtually every application on the road today. Gates' cooling system cap range includes:

- Metal radiator caps, from the very smallest to the large-diameter type
- Long reach (34 mm) and short reach (25 mm) radiator caps
- Plastic header tank caps for newer models with a closed cooling system



## 3. OE quality

All caps are designed and manufactured to OE standards and require no adjustment for installation. The radiator caps offer precise pressure control and high-quality materials for longer life. This design increases cooling efficiency, helps prevent coolant evaporation, and keeps air out of the cooling system. The plastic header tank caps are made of a durable and wear-resistant thermoplastic compound to ensure tight closing and avoid spills and leaks.



**!** Never remove a radiator cap when the cap or radiator is hot to the touch. You may be burned by escaping water or steam.

**Gates, your partner in the automotive business, can now supply you with premium quality radiator caps offering high efficiency and long service life.**

Your distributor:

