Delphi

Explore our technologies

EVAPORATIVE CANISTERS

to attend regulatory tank emissions requirements
to protect the atmosphere from hazardous gases formation

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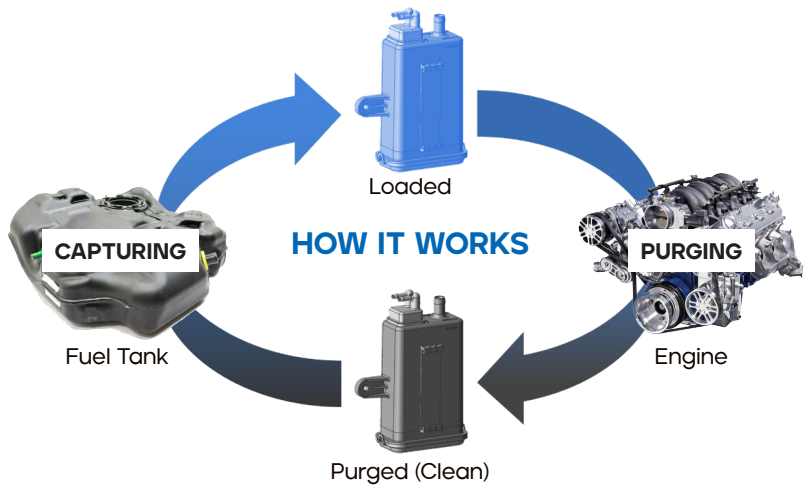
Delphi Carbon Canisters are designed to meet evaporative emissions standards for gasoline and alternative fuels by absorbing and purging vapors created within the fuel storage and delivery system.

Our extensive range of carbon canisters meet the packaging requirements for automotive and non-automotive manufacturers around the globe.



Activated carbon bed captures vapor from the fuel tank when engine is off.

Vehicle is parked (diurnal)

Vehicle refueling (ORVR)

Activated carbon bed releases vapor during vehicle engine operation (purge cycle).

Vapor is drawn into the engine to be consumed

Canister is clean for another adsorption cycle.

Features and Benefits

- Meets global emission requirements with low purge volumes
- Modular design - Integrates OBD devices, dust filter assemblies and carbon canisters to save packaging space
- Multi-chamber design to be easily adjusted for different tank volumes in a platform
- More than 30 years supplying evaporative canister globally.
  - Complete product portfolio.
  - Large range of tank size applications (1 to 100 gallons; 3.8 to 380 liters).
  - Compatible with common fuel blends of Gasoline, Ethanol and Methanol.
  - Content optimized for regional/ country emissions regulations.
  - Highly experienced engineering team.
  - Customized packaging for various vehicle mounting and on-board diagnostics components integration.
- Full validation and testing capability
- Production footprint and technical representation in Americas, Europe and Asia.
- World class quality performance.

For additional Delphi information: **phinia.com/technologies**