

Automotive Engine Cooling Fan Clutch

This fan clutch regulates engine cooling fan speed based on temperature. It optimizes fuel efficiency and reduces noise when cooling demand is low.



Product Overview

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This viscous fan clutch is a critical component designed for automotive cooling systems, installed between the engine and the water tank. It is driven by the engine and automatically modulates fan speed based on the temperature of the water tank. By adjusting the fan speed dynamically, this unit ensures optimal cooling performance while improving overall fuel efficiency and reducing operational noise when cooling demand is low.

Technical Specifications

Operating Principle	Viscous coupling
Installation Location	Between engine and water tank

Key Features

Performance Benefits

- Temperature-dependent speed adjustment
- Improved fuel efficiency
- Reduced noise level
- Optimized cooling performance

Design Highlights	Robust Construction, Heat Dissipation Fins, Internal Viscous Coupling
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