

Quality You Can Count On

## THERMAL PRODUCTS

*It's important that DENSO Thermal Products can take the heat because extreme temperatures can really test your vehicle's HVAC system. When replacing thermal products, you don't want to take chances. That's why DENSO products are built to the same high standards as the parts that went into the vehicle when it was made. Plus, DENSO First Time Fit® thermal products are precision-built for exact replacement making them easy to install.*



### A/C Compressors

The compressor is the heart of the air conditioning system because it pumps the refrigerant throughout the system, which is necessary for turning hot air into cold air. When selecting a compressor, know that DENSO is one of the largest OE suppliers of A/C compressors, so our First Time Fit compressors deliver exceptional quality, technological superiority and performance that's second to none.

- All internal O-rings and seals are OE-specified and are appropriate for R12, R134a and R1237yf refrigerants to prevent leakage and ensure proper installation
- DENSO offers a full line of factory-new and remanufactured compressors

### Accumulators and Receiver-Driers

Accumulators and receiver-driers manage the flow of liquid and vapor refrigerant through the system, assuring maximum output and smooth, surge-free operation. Here's what makes DENSO's First Time Fit accumulators and receiver-driers the ideal choice:

- DENSO accumulators and receiver-driers contain powerful desiccant packages to isolate harmful moisture from the system, protecting the internal components from corrosion
- Our accumulators and receiver-driers are easy to install and are manufactured to the most stringent factory standards

### Condensers

Like all DENSO First Time Fit A/C components, our condensers are designed and manufactured to integrate seamlessly with the vehicle's original air conditioning system:

- DENSO condensers are designed to match up to OE condensers at every benchmark
- Premium aluminum construction improves reliability and resists corrosion to avoid expensive system leaks
- DENSO's superior fin wave design offers higher heat transfer and maximum refrigerant condensation for peak system efficiency with minimal maintenance

**first time fit**

The best part is peace of mind.

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### Evaporators

Evaporator performance is essential for proper air-conditioning functionality – that's why every DENSO First Time Fit evaporator passes strict durability and function tests, and all of our evaporator configurations, tanks, fin pitch, core dimensions and materials meet or exceed OE manufacturers' rigid specifications.

- DENSO offers four types of evaporators: Revolutionary Slim (RS), Multi-tank Super-slim (MS), Parallel flow single-tank, and Serpentine
- DENSO introduced the Multi-tank Super-slim evaporator in 2002, making it the thinnest evaporator of its kind

### Expansion Devices

DENSO expansion devices feature precision construction to ensure accurate refrigerant flow and improved evaporator control for excellent reliability.

- DENSO is the OE supplier for the world's top automakers and our First Time Fit expansion devices deliver exceptional fit and performance

### Radiators

When it comes to radiators, DENSO is one of the leading suppliers to OE automakers around the world. Manufacturers rely on our quality and innovation to remain on the leading edge of engine cooling technology. Our OE experience, know-how, unmatched performance and precise fitment make DENSO aftermarket radiators the best choice for proper engine cooling and functionality:

- Our First Time Fit radiators are dependable, lightweight, and made to last under the most demanding conditions
- DENSO wind tunnel tests the radiator under a variety of temperature, air flow and humidity conditions to make sure it can properly dissipate the heat – DENSO even tests the angle of the fins where the heat exchange occurs to ensure optimum cooling
- DENSO offers plastic tank with aluminum core, as well as cross-flow and down-flow radiator configurations

## The DENSO Difference

- All First Time Fit® parts are engineered to meet DENSO's high standards delivering exemplary quality and performance.
- DENSO products typically meet or exceed OE specifications.
- DENSO is always looking to improve our products, keeping us ahead of the competition.
- DENSO holds over 30,000 patents worldwide, so a lot of our technology is proprietary and cannot be copied.



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