

AUTHORIZED DISTRIBUTOR IN UAE



ABOUT DENSO

Differentiating
Authentic DENSO
(Cool Gear) Products
from Counterfeits

DENSO differentiates
genuine products by
attaching or printing
part numbers to prevent
damage to a car's A/C
system caused by
imitation products.



- **COMPRESSOR**
- **EVAPORATOR**
- **CONDENSER**
- **RADIATOR & RADIATOR CAP**
- **EXPANSION VALVE**
- **FAN MOTOR**
- **DRYER**
- **CABIN FILTER**
- **IGNITION COIL**
- **SPARK PLUG**
- **R134a GAS**
- **ND8 OIL**
- **WIPER BLADE**

DENSO offers
COOL GEAR Car A/C
Components made to
aftermarket specifications.

As the original A/C system supplier
for the top automobile
manufacturers worldwide, we have
extensive knowledge of your A/C
system.

PSM PARTSWORLD

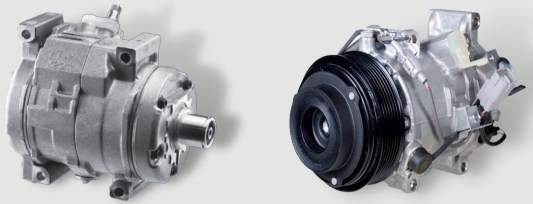


COMPRESSOR

DENSO units are specified by most major vehicle manufacturers, As one of the world's largest OE suppliers of A/C compressors.

DENSO First Time Fit® A/C compressors are manufactured and tested to the strictest OE standards for unparalleled performance.

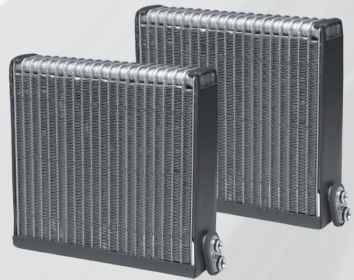
At DENSO, we bring together everything we know as an air-conditioning systems manufacturer to bring you the highest quality line of factory-new and remanufactured compressors available.



EVAPORATOR

DENSO is a leading provider of high-grade aftermarket products for various applications, with a focus on evaporator technology. Their expertise in OE ensures that their aftermarket products deliver superior performance, reliability, and ease of installation.

DENSO's evaporators meet OE manufacturers' specifications for proper air-conditioning performance, with configurations, tanks, fin pitch, core dimensions, and materials designed for optimal performance. DENSO First Time Fit® evaporators pass durability and function tests.



Evaporator Types Available

- Multitank Superslim (MS)
- Parallel flow single-tank
- Serpentine

CONDENSER

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 offers a range of condensers, including Multiflow, subcooling, and serpentine styles, that are engineered to match OE condensers and provide the best configuration for each application.

This product boasts premium aluminum construction that resists corrosion, preventing leaks, and a superior fin wave design that allows for higher heat transfer and refrigerant condensation. The heat exchanger cores are designed to minimize airborne material buildup, ensuring the A/C system operates efficiently with minimal maintenance for extended periods.



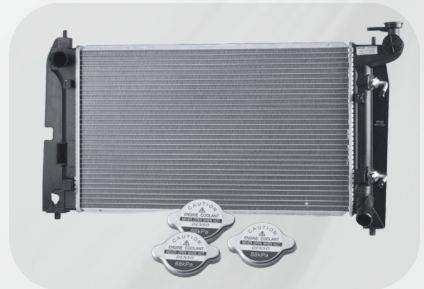
RADIATOR & RADIATOR CAP

DENSO is a leading supplier of radiators to OE car makers around the world. Manufacturers rely on our quality and innovation to remain on the leading edge of engine cooling technology. Our OE experience and know-how ensure our products provide unmatched performance, reliability and fitment.

DENSO's radiators meet OE manufacturer's standards for radiator performance, including configuration, tanks, fin pitch, core dimensions, and materials. They pass durability and function tests, ensuring reliable performance even under the toughest conditions.

Radiator types:

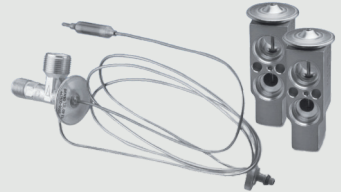
- Plastic tank with aluminum core
- Plastic tank with copper core
- Cross-flow and down-flow configurations



EXPANSION VALVE

Expansion devices regulate refrigerant flow through the evaporator unit in an automobile's air conditioning system. DENSO's expansion devices and orifice tubes are critical components that can cause damage if not calibrated correctly, leading to the evaporator not exchanging heat properly or freezing up.

DENSO has extensive experience in engineering A/C components and systems for the world's automakers, ensuring they can provide the appropriate expansion device for your vehicle.



FAN MOTOR

In the Car Aircon system, the Condenser Fan Motor transfers cooling air to the condenser to cool the refrigerant.



DRYER

The receiver dryer will store the refrigerant until the evaporator requires it, ensuring that only liquefied refrigerant flows to the evaporator.

Secondly the refrigerant is filtered and dried. After separation of gas and liquid, liquid refrigerant flows to the expansion valve.



CABIN FILTER

The cabin air filter processes air entering a vehicle's passenger compartment through the heating and air conditioning system, making it as important to passengers as the engine air filter is to the vehicle.

Replacing the cabin air filter at recommended intervals or sooner in areas with high pollen or soot levels can improve air quality in the car, making journeys more comfortable for those with allergies or sensitivities to airborne agents.

DENSO First Time Fit® cabin air filters offer optimal airflow and filtration, meeting all OE requirements with up to five layers of filter media. Cheaper alternatives may cut corners on quality, resulting in no real savings.



FUEL PUMP

Fuel pump draws fuel from fuel tank to the gasoline injector at the engine by delivering high pressure fuel.

Components of Fuel Pump and Their Characteristics

- **Connector**

Connects the cable to provide the electricity required by the pump.

- **Armature**

Converts electric power to kinetic energy to rotate the impeller.

- **Brushes**

Provide the electricity to the rotating armature.

- **Impeller**

Rotates to draw the fuel from the tank and provides the necessary pressure for the fuel to be supplied to the engine



IGNITION COIL

DENSO is a direct ignition technology provider that created the first compact stick-type ignition coil, without the need for high-tension ignition cables, adopted by many automakers. It also introduced micro-sized driver circuits and diagonal inductive windings, and collaborates with automakers to develop advanced ignition systems.

DENSO uses their expertise to optimize each ignition coil for maximum performance, delivering consistent, high-energy ignition output for effective combustion in low-emission, high-efficiency engines, regardless of configuration.



SPARK PLUG

DENSO's Platinum TT® spark plug is a new design featuring the latest original equipment technology, the Super Ignition Plug (SIP). This iridium Twin-Tip design was previously only found in advanced cars but is now available in a platinum/titanium design for cost-conscious car enthusiasts.

DENSO is a pioneer in platinum technology.

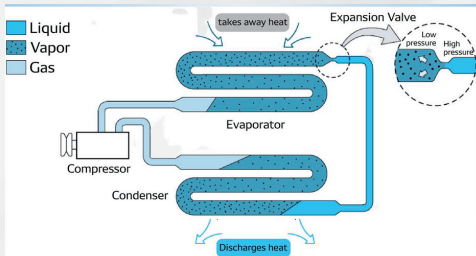
DENSO is a company that introduced the use of platinum in spark plug manufacturing, enhancing durability and longevity. By applying platinum to both the center and ground electrodes, DENSO created a spark plug capable of consistent performance due to platinum's superior resistance to erosion and corrosion.



R134A GAS

R134a Refrigerant Gas is a non-flammable substance used in car air conditioning systems. It undergoes phase transitions from liquid to gas and back again for cooling purposes.

Quality product (AHRI standard certified)



ND8 OIL

DENSO ND-oil 8, crafted with purpose to imbue life into the mighty engines of piston and rotary (scroll) compressors.

Its enchantments are tailored to harmonize with the essence of R134a refrigerant, and thus its magic is amplified when paired with such potent forces.



WIPER BLADE

FEEL THE POWER OF THE BLADE

DESIGN BLADE SERIES

CONVENTIONAL BLADE SERIES

DESIGN BLADE
Premium [DDP Series]
Graphite Coating

DESIGN BLADE
Standard [DDS Series]
Graphite Coating

WIPER BLADE
Premium [DCP Series]
Graphite Coating
(Launch in Autumn, 2013)

WIPER BLADE
Standard [DCS Series]

Features:

- Fully covered, Aero Dynamic & Digital-matt black body
- Aero dynamic construction
- Low profile & Unobstructive shape
- Graphite Coating for smooth wiping
- "Super-Coat" Rubber Edge for effective wiping performance
- Unique OEM design
- Convenient use for RHD & LHD



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EXPORT OFFICE

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PSM PARTSWORLD

