

# ServiceFocus

## Air Conditioning System

### Condenser

The high-temperature, high-pressure refrigerant from the compressor passes through the condenser, where it is cooled and changes from a gas to a liquid.

### Compressor

It compresses the refrigerant, and sends it to the condenser under high pressure.

### Cabin Air Filter

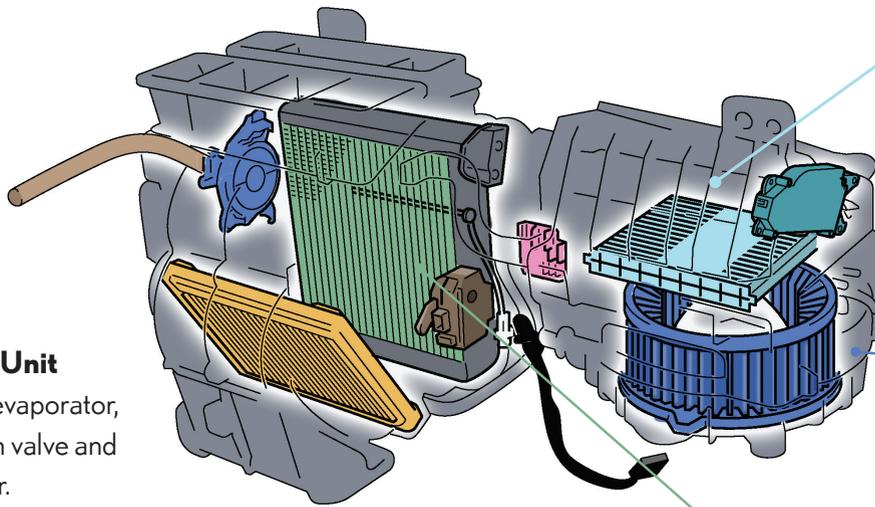
Captures unwanted particles such as pollen, dust and other pollutants before they enter your vehicle's passenger compartment.

### Cooling Unit

Includes evaporator, expansion valve and thermistor.

### Blower Unit

Blows air into the passenger compartment.



### Expansion Valve

Atomizes liquefied refrigerant and injects it into the evaporator.

### Receiver

The refrigerant liquefies in the condenser and is stored in this tank for supply to the evaporator. On newer Lexus models the receiver is integrated into the condenser.

### Evaporator

Vaporizes the refrigerant which cools the evaporator. Air passing through the evaporator is cooled before entering the passenger compartment.



Manufacturer's Genuine Cabin Air Filter



Remanufactured A/C Compressor

# Product Focus

## Manufacturer's Genuine Cabin Air Filters

### What do they do?

- Cabin Air Filters capture unwanted particles such as pollen, dust and other pollutants before they enter your vehicle's compartment.
- The benefit is cleaner, fresher air.

### Why are they important?

- A vehicle's cabin can contain high concentrations of dust, pollen and other unwelcome air particles which can potentially affect the comfort and health of vehicle occupants and aggravate allergies.

### When to replace?

- May vary by model, replace according to the manufacturer's required maintenance schedule.
- Over time filters become clogged which reduces air flow from your air conditioner and heater.
- Driving in heavy traffic, urban or dusty environments or on dirt roads may shorten the filter's life.

\* Cabin Air Filters are installed on all current Lexus models (2006 model year and newer).



#### Pollen Filter

Standard filter designed to capture particles including pollen, dust and other allergens.

#### Electrostatic Filter

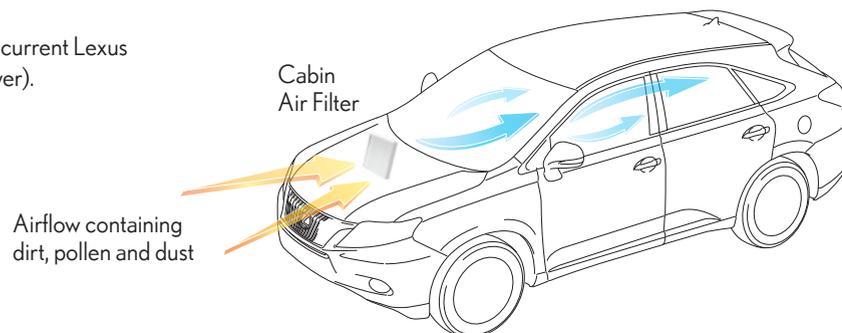
Functioning much like a Pollen Filter. It also holds a static charge that captures smaller particles like brake and tire dust.



#### Charcoal Filter

Made from the same high quality filter material as the Electrostatic Air Filter, the charcoal filter adds a layer of activated charcoal to absorb and remove odours.

### Results are cleaner, fresher air for your cabin.



# Product Focus

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## Manufacturer's Genuine Super Long Life Coolant

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### What does it do?

- Removes heat from your engine to maintain optimal operating temperature.
- Rated for temperatures as cold as -50°C.
- Protects internal components from corrosion and wear.

### Why does it need replacing?

- The additives that offer lubrication and corrosion protection are depleted over time.

### Features

- Extended replacement interval lowers ownership cost.
- Concentrated blend of premium inhibitors for extended performance.
- Pre-mixed formula ensures correct proportion for optimum performance.
- Longer replacement interval reduces chemicals and material polluting our environment.
- When used according to the factory required maintenance schedule the life of the cooling system will be extended, protecting the engine from overheating and easing cold starting in extreme cold weather conditions.
- Can be used when changing the coolant on most 2004 and newer models.



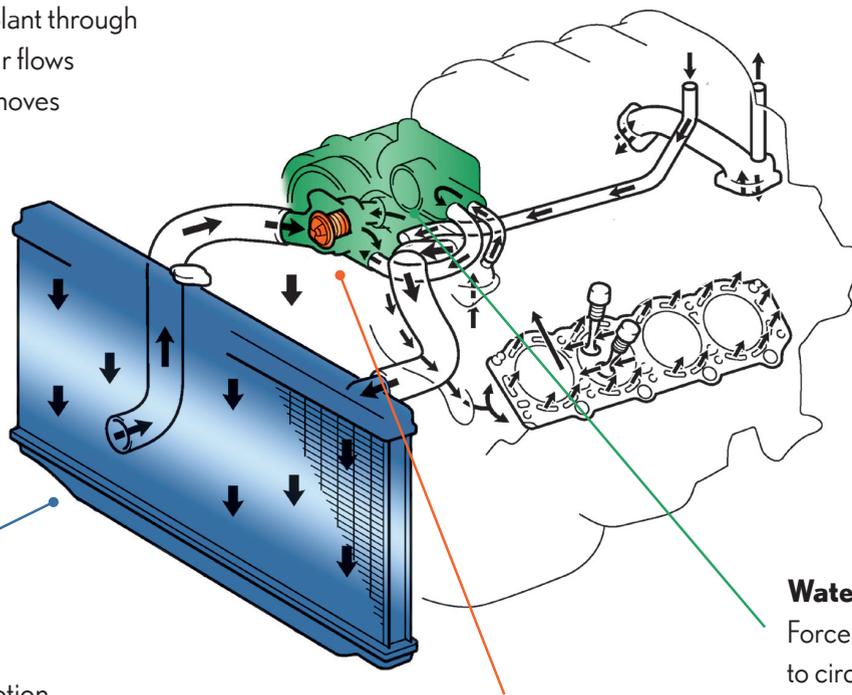
# ServiceFocus

## Cooling System

Maintains proper engine operating temperature. The cooling system removes excess heat by pumping coolant through the engine to the radiator. Air flows through the radiator and removes heat from the coolant.

**Reservoir Tank**  
Stores the overflow coolant which is returned to the cooling system when required.

**Radiator**  
Uses the airflow from the vehicle's forward motion and electric fans to reduce the temperature of the coolant circulating through the engine.



**Thermostat**  
Regulates the flow of coolant through the system to control the temperature of the engine.

**Water Pump**  
Forces the coolant to circulate through the cooling system.

# Product Focus

## Manufacturer's Genuine Remanufactured Parts

### What are they?

- A range of key parts that are “remanufactured” using Manufacturer's Genuine components.
- They are put through stringent performance tests to ensure “like new” performance and Manufacturer's Genuine Quality.
- They're virtually identical to the original part, giving you the perfect fit and uncompromised performance – guaranteed.

### Why use them?

- Using remanufactured parts in place of new parts offers significant cost savings, without a loss of performance.
- Using remanufactured parts helps reduce our impact on the environment.
- Eliminates potential problems that often result from using aftermarket “should work” or “consolidated” units.
- Covered by a 12 month warranty with no kilometre restriction.
- “Rebuilt” is not “remanufactured.” Aftermarket rebuilders typically repair or replace only the broken, worn or damaged components.
- Essential wear items are replaced with new Manufacturer's Genuine parts, regardless of their condition.
- Any other components that do not meet Lexus' specifications are also replaced with new parts.
- As part of the Lexus remanufacturing process, where appropriate, the latest design enhancements in Lexus technology and engineering are incorporated.



Brake Calipers



Starter



Alternator

# Product Focus

## Manufacturer's Genuine Remanufactured Parts

### Key Benefits

- Remanufacturing process is controlled and measured to exacting Lexus quality standards.
- Many components are cleaned and repainted for a like-new appearance and corrosion protection.
- All remanufactured products must pass stringent performance tests to ensure like-new performance and Manufacturer's Genuine Quality.
- A great economical alternative to new Manufacturer's Genuine Parts.



CV Axle Shaft



Steering Rack

### Lexus Remanufactured Parts

The following are currently available for most model applications:

- Brake calipers
- Alternators
- Starters
- Steering racks
- CV axle shafts
- Transaxles
- A/C compressors



A/C Compressor