



Technical Bulletin

Air Conditioning Loop

Vehicle Type

Passenger Cars

How to Maintain and Take Care of Aircon Performance

BACKGROUND

Caring for the car air conditioner is very necessary in order to keep providing cool and cool air to the driver. Yes, one of the most important comfort components in a car is the air conditioner (AC).

It is inconceivable if you drive a car without air conditioning in the hot sun. You can sweat because of the heat.

In addition to providing cool air, another function of the car air conditioner is to prevent the windshield from fogging up which usually occurs when it rains.

A car air conditioner that is not cold enough can cause thin dew on the windshield. So that it will give a clear view, especially for the driver.

As a car driver, you also often encounter stubborn AC problems such as air conditioning that emits a musty smell and air conditioning that is not cold enough.

Here are some tips for caring for car air conditioners to keep them cool and durable :

1. Use quality car freshener

Caring for the car air conditioner so that it lasts can be done by not using low-quality car deodorizer, because it can contaminate the evaporator and is difficult to clean. You also have to clean the dirt and dust in the cabin.

Dirt and dust can stick to the evaporator and become the cause of the growth of mold that causes musty and unpleasant odors. Cigarette smoke containing nicotine can stick to the evaporator and

become slimy.

It's best not to put car freshener near the air conditioner because the use of fragrances contains chemicals that can enter the evaporator.

The chemicals in car air conditioners contain oil that will settle over time and can become a place for bacteria, germs or fungi to live. If the Alc content is very high, the AC will smell sour.

2. Service the car air conditioner on a regular basis

Perform regular AC service starting every 6 months by replacing the cabin filter. Then once a year doing minor repairs such as servicing the blower and condenser, and replacing the filter dryer.

For major services that include servicing the evaporator, blower, condenser, changing the dryer and cabin filter, vacuum + oil and freon filling, do it every 2 years.

By doing regular service and proper maintenance on the car air conditioner, it will make it last longer and work normally. So that it will always provide cool and refreshing air when we are in the car.

3. Check the extra fan rotation

If the car air conditioner already uses a condenser fan or extra fan, you should check the rotation regularly or periodically.

This needs to be done so that the air conditioner always releases cool air and of course works normally. This is quite important to care for the car air conditioner so that it lasts and stays cool.

4. Use cabin filters

Dirty cabin conditions will make the air conditioner dirty too and cannot function normally. One way to keep the car cabin clean is to install a cabin filter.

Its main function is to filter or filter dust and dirt so that it does not enter the evaporator. Don't forget to replace it regularly.

5. Don't open the window when the AC is on

The next step to take care of the car air conditioner so that it lasts is not to open the window when the air conditioner is on, because this action will make dirt or dust from outside enter and when the window is closed, it will continue to float in the air.

6. Regularly clean the chamber drainage holes

Leaks can cause the cooling effect of the car air conditioner to decrease or decrease and damage its components over time. To prevent leaks, you can check parts of the air conditioner such as drainage holes, hoses, and gasket seals.

To prevent leakage, you should clean the drainage holes that we can find in the condensing pan on a regular basis. Don't forget to also check the hose to see if it's worn or not. If there is damage to the hose, it is better to replace it with a new one.