



<b>WHY FIT AN AIR INTAKE CABIN FILTER?</b>					TSB #:	<b>69</b>
					Date:	<b>07/12/2012</b>
Initial Once Read:						

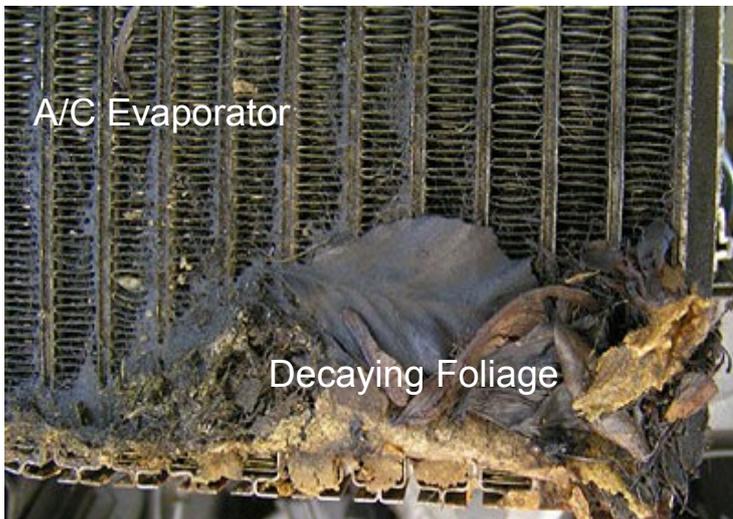
The National Asthma Council Australia has revealed that many popular current model vehicles in Australia do not provide maximum air filtration protection. This poses potential problems for millions of Australians with asthma and allergies, especially as the spring and summer pollen season peaks.

Pollens can cause sneezing, congested sinuses, runny or itchy noses and itchy eyes, as well as trigger dangerous asthma symptoms.

Many people with pollen allergies know they can reduce their exposure by staying indoors on days with a high pollen count, on windy days or after a thunderstorms. However, the council believes few would be aware that the family car can be an unexpected source of pollen exposure, even with the windows wound up.

A National Asthma Council Australia review of leading new car models in Australia has found that a selection of the models don't have any form of cabin filter fitted as standard but some do have it as an option. According to the National Asthma Council Australia spokesperson, a properly fitted cabin filter should trap dust, pollens, foliage and fungus spores entering A/C evaporator then passing into the cabin. You would be aware that the A/C evaporator produces a large amount of water (condensate) especially on a hot humid day. If foliage travels to the evaporator it can accumulate in the condensate surrounding the evaporator and eventually decay, causing bacteria and leaving an odour.

Cabin filters should be fitted to the cabin air inlet and be renewed at a regular basis of 15,000km or every 12 months or earlier depending on the vehicle environment. The cabin filter should become part of the annual "A/C system service" as you would an oil filter when carrying out an oil change on a vehicle.

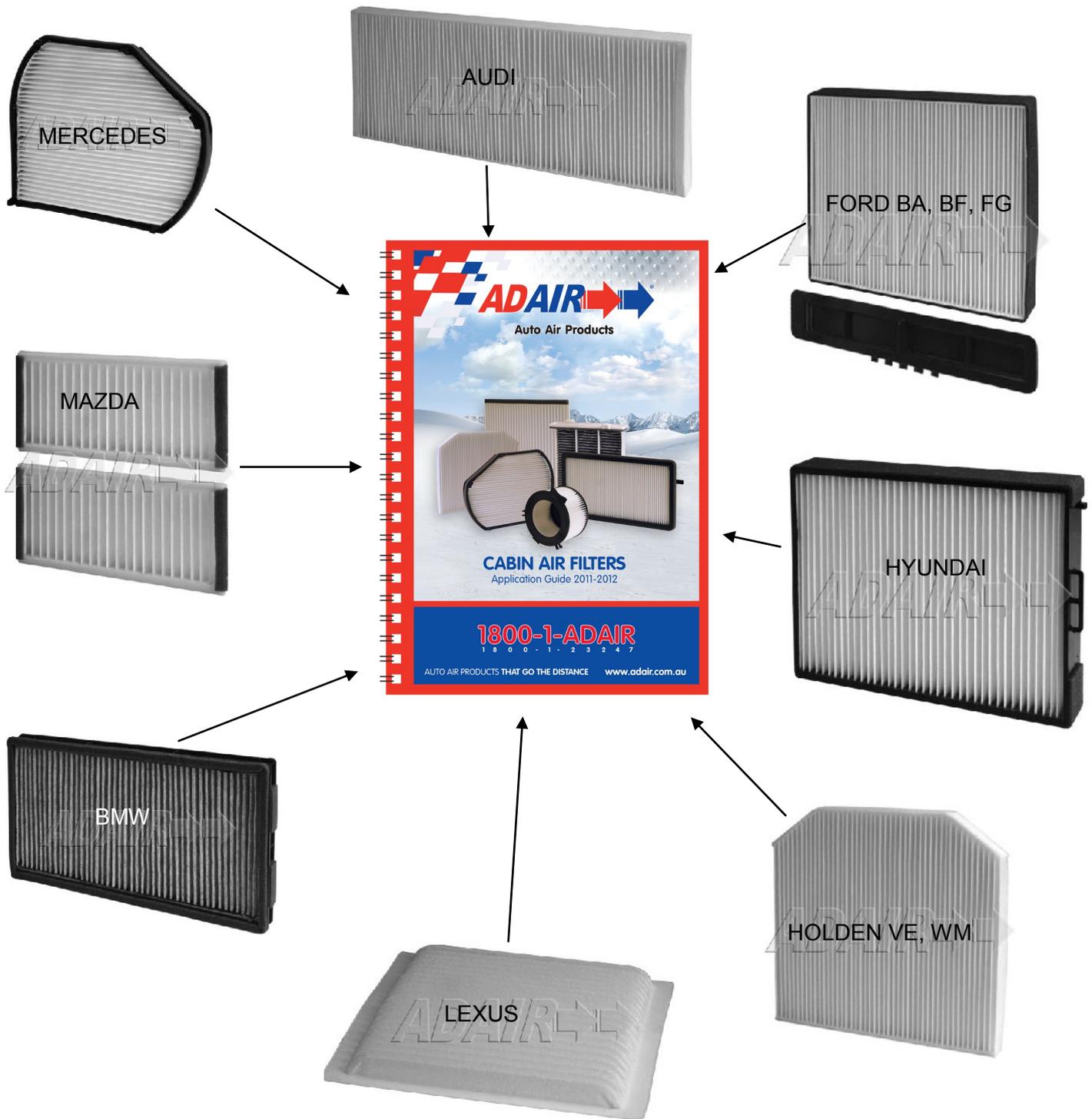


Without a Cabin Filter.  
Foliage, dust and dirt entering the cabin will accumulate on the "air on" side of the evaporator and eventually decay, causing bacteria. The moist environment of the A/C evaporator is a perfect breeding ground for bacteria and spores, resulting in odour issues and possible sickness for the vehicle occupants.

With a Cabin Filter.  
As you can see, foliage, dirt and dust will be trapped by the cabin filter before it enters the cabin (and eventually onto the A/C evaporator). As cabin filters are cost effective, it is simply discarded and a new cabin filter installed.



Adair have a large range of OEM quality particulate (paper) and charcoal activated cabin filters to replace the original OEM cabin filter. In some cases we can also offer advice on installation of the cabin filter to the vehicle. Adair cabin filters have been designed as a direct replacement for the OEM cabin filter in quality and also in installation. Please contact your local Adrad branch and representative for a cabin filter or for the cabin filter application guide containing the selection of Adair cabin filters available.



Special thanks to the National Asthma Council Australia for the use of their information contained in their October 2012 press release.