Article published on January 3rd 2012 | Auto

As any mechanic knows, the ability to offer a comprehensive service to customers, being able to offer repairs and care for all aspects of a motor vehicle maintenance program is key to being able to retain customers. Air Conditioning is more or less standard across all models these days, and while in the past, AC maintenance was a highly skilled and niche market, it is now an essential side of the business and key to any workshopâ€™s continued success.

In order to ensure that refrigerant is recovered properly from a carâ€™s air conditioning system during servicing, a workshop must use an automotive AC machine. These devices prevent the release through venting of CFC gases. EPA guidelines require that when a car is being serviced, the Freon, or CFC12 that is used as the coolant should be collected and recycled in order that it is not released into the environment where it can potentially damage the ozone layer.

The refrigerant used in most motor vehicle air conditioning systems is based on chlorofluorocarbons, which have been linked with causing damage to the ozone layer, and as such, the control of these substances is of particular concern to the environmental protection agency. Whenever a car air conditioning system undergoes maintenance, proper care must be taken to protect the environment from the release of CFCs, and this is best done by using automotive AC Machines.

By reusing Freon gas rather than allowing it to be vented into the atmosphere, the environment is protected. However, when the refrigerant is collected from a carâ€™s air conditioning it can be contaminated with water, oil and any of the other liquids that are used in cars. By using automotive AC machines, it is possible to process the refrigerant and remove any of the other fluids from it, allowing it to be reused, either in the same system as it has been drained from, or alternatively, in another car altogether.

There are a whole range of different refrigerant recovery machines on the market to suit all types of workshop, from small operations through to large commercial garages that deal with many different types of car, and need to be able to offer a complete service to clients.

Choosing the right automotive AC machines for your needs can be a daunting task, and too many people simply opt for the cheapest model available, rather than making an informed decision about the best product for their needs. EPA requirements aside, the most important factor when choosing the correct automotive AC machine for your business, is the capacity of the machine to deal with the range of vehicles that you currently work on. You need to choose a machine that can connect easily with all the different types of car that your workshop deals with, and which has enough capacity to recover and treat the refrigerant left in the system to remove any impurities.

Basic automotive AC machines such as the Pro Set Oiless Portable Recovery Recycle Unit are flexible enough to reprocess coolant from a fairly wide range of sources, remove any contaminating oils and other liquids, and release the Freon in perfect condition for reuse.

There are other machines in a similar price bracket that are reliable enough for every day use, and yet still compact enough not to require a vast amount of space in your workshop. Automotive AC Machines such as the Inficon Vortex refrigerant recovery machine are ideally suited to occasional use, and are very compact.

If offering AC repairs and servicing is key to your business, then having the right tools for the job is

essential. Getting it right at the beginning when you choose an AC coolant recovery machine often means choosing a model from the Cool Tech range. These robust and highly regarded specialist tools are at the centre of any serious AC shop, and thanks to their efficiency and great value for money, will pay for themselves over and over again.

Article Source:
http://www.articleside.com/auto-articles/automotive-ac-machines.htm - Article Side

Hiteshbhoi - About Author:
a
Used Car HoustonChevrolet dealers of New cars, SUVs, minivans and trucks, certified pre owned vehicles, second hand cars in Houston.a SEO Web Marketing Houston
We offer affordable website designing, Search Engine Optimization (SEO) services, ecommerce web design and development.

Article Keywords:
Acura parts, Acura MDX, Jeep Gran Cherokee, Lexus, BMW, Mercedes, Tahoe, Expedition, Honda Pilot

You can find more free articles on Article Side. Sign up today and share your knowledge to the community! It is completely FREE!