

# insider info.

## **Legacy A/C Compressor**

Due to laws concerning refrigerant release into the atmosphere, air conditioning manufacturers are recommending alternative system flushing procedures to comply with the Montreal protocol.

If you encounter a customer complaint of A/C blowing warm air and after basic diagnostics (gauge readings, etc.), the compressor is found to be seized or not pumping, examine the oil from the failed compressor for metal particles. If you find metal particles, make sure the entire system is flushed using a solvent such as "Brake Clean" and shop compressed air. Permatex, CRC, Snap and others offer a brake parts cleaner that dries with no residue. Just changing a receiver dryer may not be enough to stop the particles from clogging the expansion valve and possibly the bellows valve in the compressor. Compressed air may contain moisture, so evacuate the system longer than the 30 minutes allowed for a new system that has not been opened to the atmosphere.