

DOC'S BLOCKS
AUTOMOTIVE AIR CONDITIONING REPAIR

Question:

When is it necessary to attach a label as to what refrigerant and oil is in the system?

Answer:

When retrofitting, the law requires a sticker to be placed on the evaporator or nearby to show the kind and amount of refrigerant used, the kind and amount of oil installed in the system, and the installers name and address.

It is also a good idea to install a sticker stating that dye has been installed into the system. Note; too much dye in a system can cause a compressor to fail.

When repairs are made, if this information is not posted on the vehicle, then it is unknown which oil is in the system and no way to tell. The system should be flushed out and oil levels reestablished. If a retrofit were being done for any reason, if it already has pag or ester oil in it, flushing may not be necessary, which would reduce the cost of repairs.

If pag or ester oil was installed in part, a combination of synthetic oil and mineral oil would not mix and the synthetic oil used would not be enough to lubricate the compressor and it would seize. The mineral oil will jell up and hold up in the accumulator or the condenser.

When installing synthetic oil, always use the required amount for the systems full charge of oil.

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NOTICE: RETROFITTED TO R-134A
RETROFIT PROCEDURE PERFORMED TO SAE J1661
USE ONLY R-134a REFRIGERANT AND SYNTHETIC OIL
TYPE: _____ PN: _____ OR
EQUIVALENT, OR A/C SYSTEM WILL BE DAMAGED.

REFRIGERANT CHARGE / AMOUNT: _____
LUBRICANT AMOUNT: _____ PAG ESTER
RETROFITTER NAME: _____ DATE: _____
ADDRESS: _____
CITY: _____ STATE: _____ ZIP: _____

DO NOT REMOVE