

DOC'S BLOCKS

AUTOMOTIVE AIR CONDITIONING REPAIR

AFTER FOLLOWING RECOMMENDED FLUSH PROCEDURES ESTABLISHING OIL LEVELS

In an operating system, the compressor will retain one (1) to six (6) ounces of oil, depending on the system.

The following oil levels are for when the system oil capacity is unknown or only replacing the component.

Condensers	one (1) oz. oil
Accumulators	three (3) oz. oil
Receivers	one (1) oz. oil
Evaporators	three (3) oz oil GM & Ford two (2) oz. oil Chrysler
Compressors	two (2) to eight (8) oz. oil Depending on the compressor

- On dual units or vehicles with long hose runs between the compressor and the evaporator, add one (1) ounce oil for each six (6) foot of suction hose.
- When replacing a compressor, read the instructions on the unit for oiling procedures.
- Compressors may be dry of oil, charged with oil for the compressor only, or charged for the system capacity.
- It is recommend to use PAG oil for both R-12 and R134a systems. If a compressor should happen to have Ester oil in it, drain and refill with PAG oil.
- Compressors, charged with oil, require hand turning ten (10) to twelve (12) turns to clear the cylinders of oil after the compressor is installed.
- Failure to perform the procedure could result in damage to the reed valves or pistons.