

DOC'S BLOCKS
AUTOMOTIVE AIR CONDITIONING REPAIR

Question:

How is excessive oil charge removed from the system?

Answer:

There are times that the system could have too much oil. Too much oil will hold up in the condenser, causing pressures to be higher than normal. Removing this excessive oil can be a problem to the technician.

The system must be nearly full of refrigerant for this procedure to work. Oil tends to leave the compressor at high RPM and return at low RPM. Follow this procedure and about fifty percent of the oil in the system can be removed without taking the system apart.

Clean out the oil recovery bottle on the recovery machine.

Connect the machine to the vehicles system.

Start the vehicle, turn on the AC, and hold the RPM at about 1500 for about one minute.

Drop the engine to idle and leave the engine on with the system operating.

Turn on the recovery machine and remove the refrigerant from the system through the high side only while the system operates.

When the system is nearly out of refrigerant, turn off the engine.

The system is ready for recharge. Do not add any more oil to the system.

Check the recovery bottle and see how much oil was removed.