

Air Conditioning Kit Installation Instructions

This kit is designed to be used in cars that previously have never been fitted with air conditioning. Cars will need an additional pulley if a third one isn't already available. *not supplied in kit

Technical Information

Required (not included)

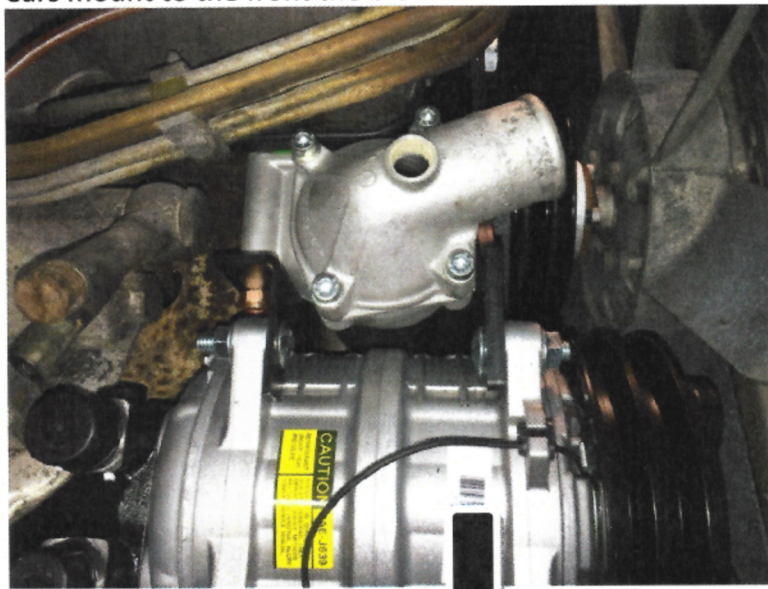
- belt size AVx 13x1275
- 1.4-1.7 pounds of R134a refrigerant
 - *note: use sight glass window on dryer bottle to determine fill level
 - *note: do not add additional refrigerant oil, system comes prefilled

Tools Needed

- combination wrenches
- drill & drill bits
- screwdrivers
- 6 mm allen wrench

Instructions:

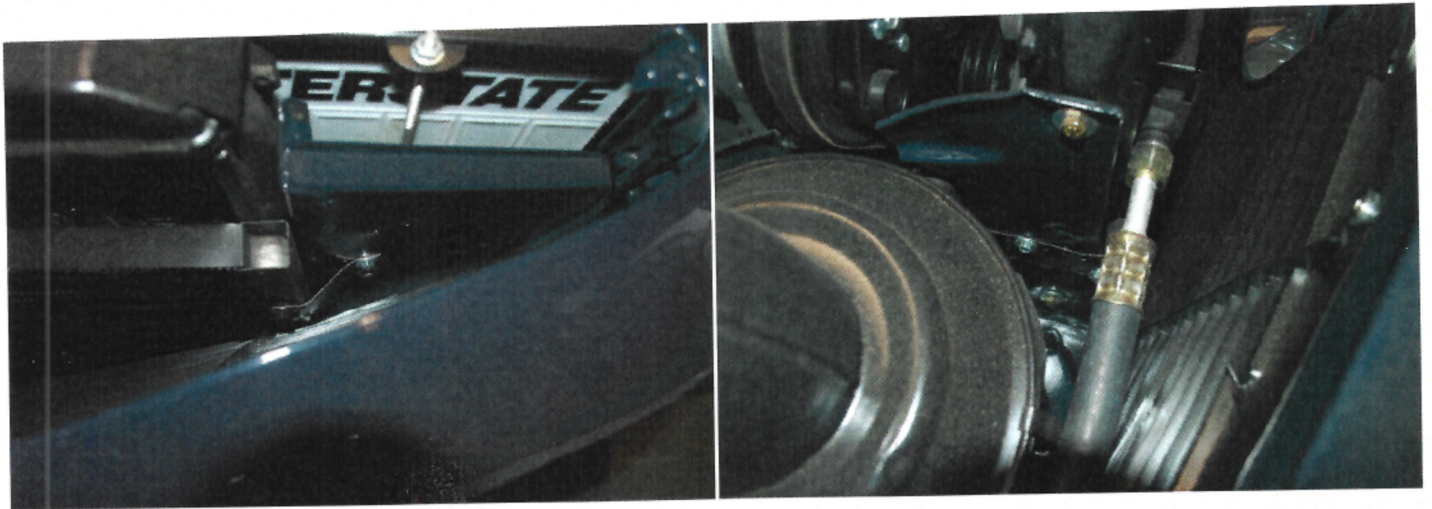
1. Unpackage kit and familiarize yourself with components, plumbing, & hardware
2. disconnect battery & remove hood
3. drain engine coolant
4. remove upper radiator hoses, fan, fan shroud *if applicable, & water pump pulley
5. mount bracket
 - a. hold bracket to front of engine to determine which fasteners will need to be removed
 - b. fasten bracket to the engine using the hardware (A, B, C, etc) supplied *use thread sealer on water pump bolts
 - *ensure you match the correct hardware bag with the correct hole
 - *note: compressor ears mount to the front the bracket ****as shown below****



6. mount small "L" bracket to the rear thermostat housing nut & to the rear ear of the compressor
 - *note: you may have to rotate the idle air screw to mount hoses
7. loosen radiator mounting bolts, push the radiator as close to the engine as possible to allow room to install the condenser

8. mount condenser brackets

****as shown below****



*note: test fit condenser to mark holes where you'll put screws

- condenser will need to be mounted as low as possible for hood clearance
- it's best to attach & tighten the long number 6 hose before final installation

******DO NOT DRILL holes in condenser!*****

9. drill holes through fire wall for AC lines, use your own discretion on location of placement **example**



10. mount dryer bottle

*make hose connections using green "o" rings supplied

under-dash installation

- remove glove box and kick-panel chrome strip
- under-dash should be mounted high & far enough under the dash to not interfere with window crank

*if placed correctly you will not have to drill a hole through the leather interior panel

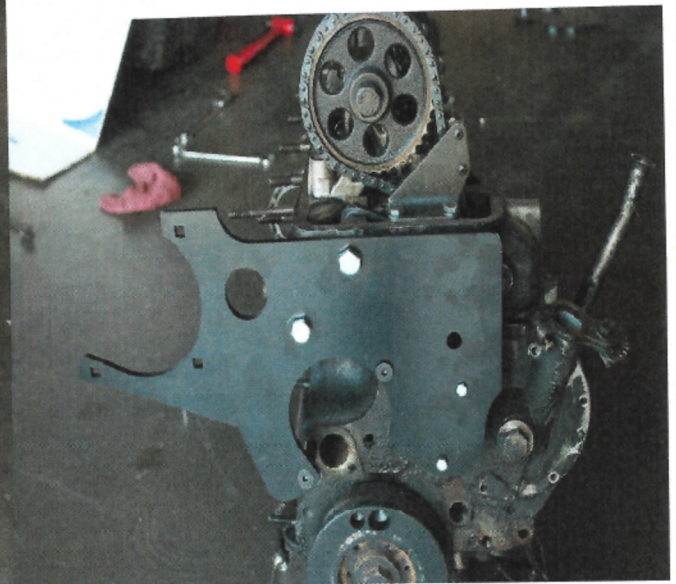
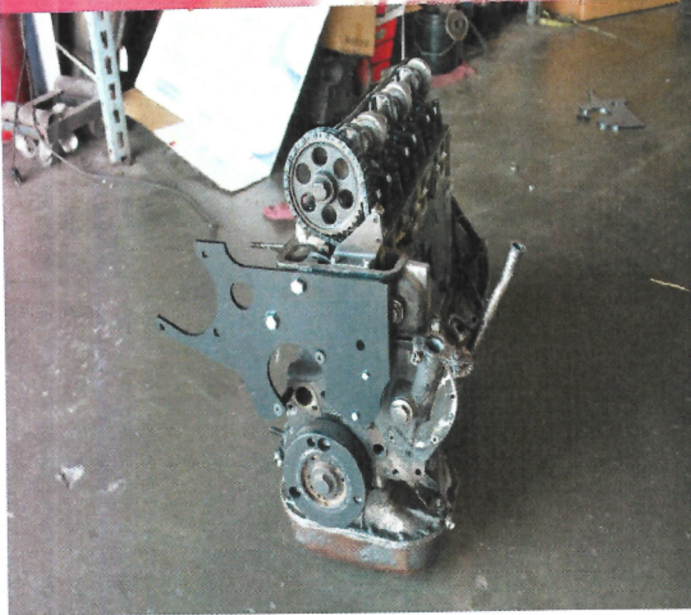
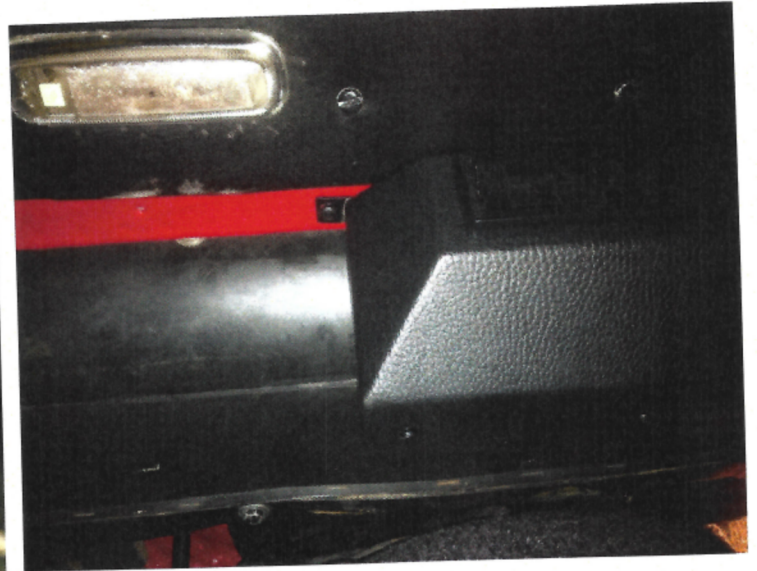
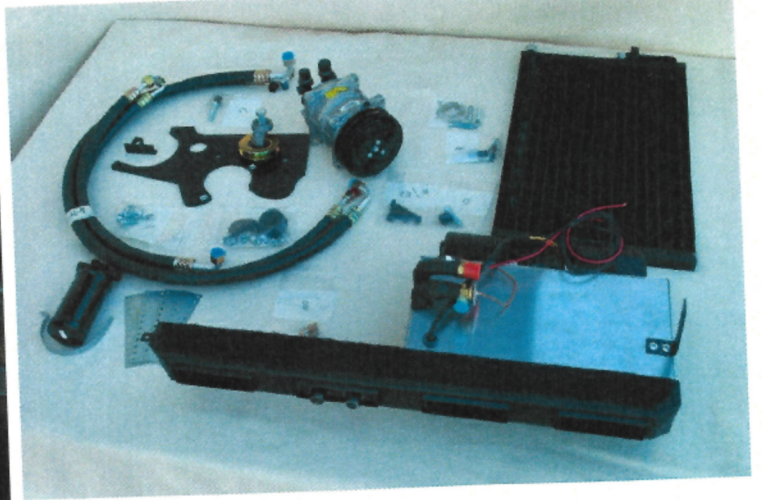
- drill holes & fasten
- long black wire should be routed to the compressor clutch
- short black wire (larger in diameter) should be hooked to a fused ignition source *16 amp minimum
- ring terminal should be grounded
- drill hole in floor for drain tube

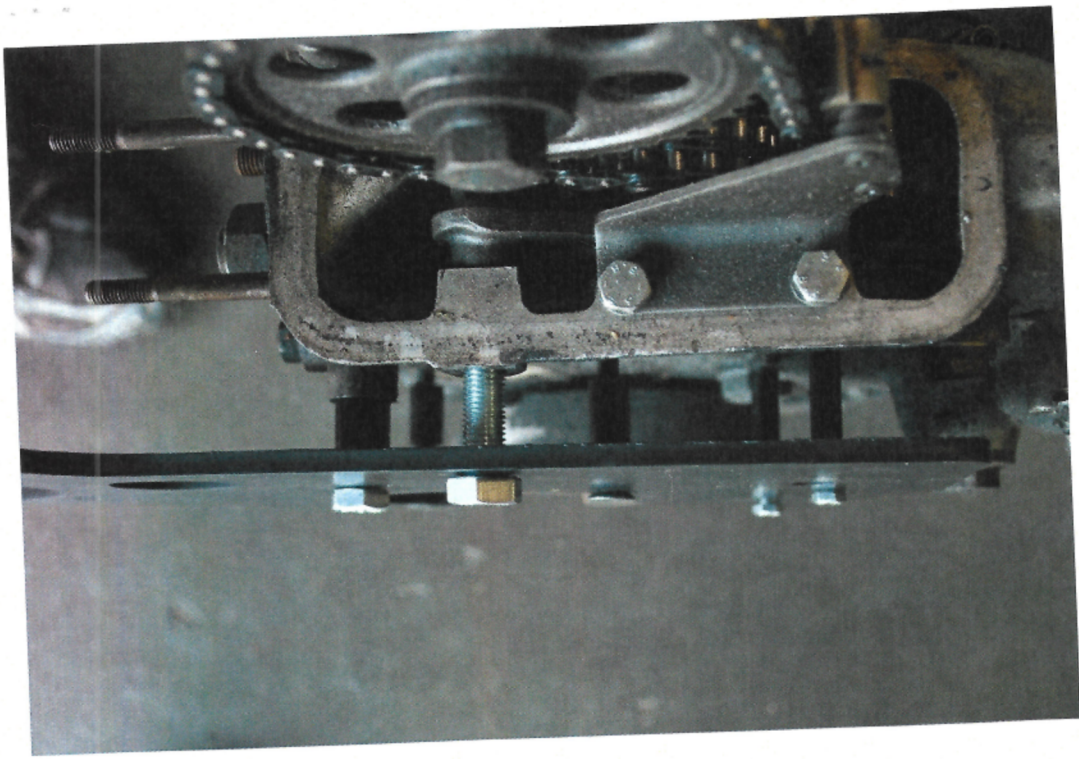
11. finish hose connections

12. pull a vacuum to check for leaks before charging the system

13. reinstall all components previously removed

14. fill with coolant





MAIN BRACKET

correspond to the letters on the fastener packages.

