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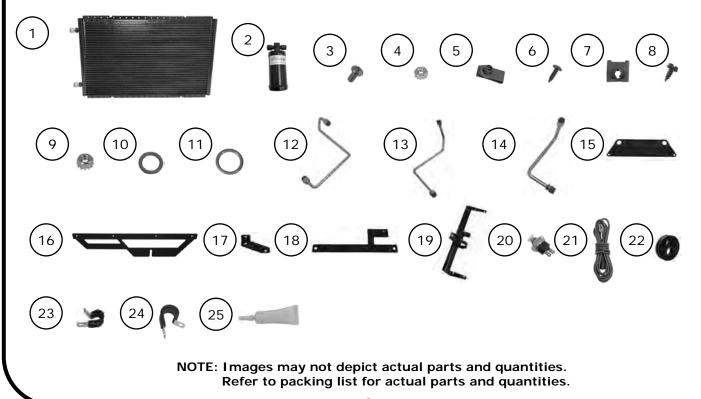


Packing List: Condenser Kit (021154)

| No. | Qty. | Part No. | Description | | | | |
|-----|------|-----------|---|--|--|--|--|
| 1. | 1 | 03766-VUC | Condenser, 14" x 22", Parallel Flow | | | | |
| 2. | 1 | 07321-VUC | Drier | | | | |
| 3. | 6 | 18249-VUB | Screw, 10-24 x 3/8", Pan Head | | | | |
| 4. | 6 | 18260-VUB | Nut with Star Washer, 10-24 | | | | |
| 5. | 2 | 18977-VUB | U-nut, 5/16" | | | | |
| 6. | 6 | 18235-VUB | Screw, #8 x 1/2", Pan Head | | | | |
| 7. | 6 | 18979-VUB | J-nut, #8 | | | | |
| 8. | 1 | 18247-VUB | Screw, #10 x 1/2", Sheet Metal | | | | |
| 9. | 1 | 18152-VUB | Nut with Star Washer, 1/4-20, Hex | | | | |
| 10. | 4 | 33857-VUF | O-ring, #6 | | | | |
| 11. | 2 | 33858-VUF | O-ring, #8 | | | | |
| 12. | 1 | 091675 | Hardline, #6 Drier/Condenser | | | | |
| 13. | 1 | 091665 | Hardline, #6 Drier/Evaporator | | | | |
| 14. | 1 | 091666 | Hardline, #8 Condenser/Compressor | | | | |
| 15. | 1 | 647137 | Bracket, Condenser, Upper Mounting | | | | |
| 16. | 1 | 647138 | Bracket, Condenser, Lower Mounting | | | | |
| 17. | 1 | 647139 | Bracket, Hardline Support | | | | |
| 18. | 1 | 647136 | Template, Hardline | | | | |
| 19. | 1 | 659981 | Bracket, Drier | | | | |
| 20. | 1 | 11079-VUS | Binary Switch, Male | | | | |
| 21. | 1 | 23135-VUW | Compressor Lead | | | | |
| 22. | 1 | 33134-VUI | Grommet, 3/8" and 1/2", 2-Hole | | | | |
| 23. | 1 | 31600-VUD | Adel Clamp, #2 | | | | |
| 24. | 1 | 31603-VUD | Adel Clamp, #4 | | | | |
| 25. | 1 | 41117-VUP | Refrigerant Oil | | | | |
| | - | | en all packages and check contents of shipment. | | | | |

Please report any shortages directly to Vintage Air within 15 days. After 15 days,

Vintage Air will not be responsible for missing or damaged items.





Important Notice—Please Read

For Maximum System Performance, Vintage Air Recommends the Following:

NOTE: Vintage Air systems are designed to operate with R134a refrigerant only. Use of any other refrigerant could damage your A/C system and/or vehicle, and possibly cause a fire, in addition to potentially voiding the warranties of the A/C system and its components.

Refrigerant Capacities:

Vintage Air System: 1.8 lbs. (28.8 oz.) or 816 grams of **R134a**, charged by weight with a quality charging station or scale. **NOTE: Use of the proper type and amount of refrigerant is critical to system operation and performance.**

Other Systems: Consult manufacturer's guidelines.

Lubricant Capacities:

New Vintage Air-Supplied Sanden Compressor: No additional oil needed (Compressor is shipped with proper oil charge).

All Other Compressors: Consult manufacturer (Some compressors are shipped dry and will need oil added).

Safety Switches

Your Vintage Air system is equipped with a binary pressure safety switch. A binary switch disengages the compressor clutch in cases of extreme low pressure conditions (refrigerant loss) or excessively high head pressure (406 PSI) to prevent compressor damage or hose rupture. A trinary switch combines Hi/Lo pressure protection with an electric fan operation signal at 254 PSI, and should be substituted for use with electric fans. Compressor safety switches are extremely important since an A/C system relies on refrigerant to circulate lubricant.

Service Info:

Protect Your Investment: Prior to assembly, it is critical that the compressor, evaporator, A/C hoses and fittings, hardlines, condenser and receiver/drier remain capped. Removing caps prior to assembly will allow moisture, insects and debris into the components, possibly leading to reduced performance and/or premature failure of your A/C system. This is especially important with the receiver/drier.

Additionally, when caps are removed for assembly, **BE CAREFUL!** Some components are shipped under pressure with dry nitrogen.

Evacuate the System for 35-45 Minutes: Ensure that system components (Drier, compressor, evaporator and condenser) are at a temperature of at least 85°F. On a cool day, the components can be heated with a heat gun *or* by running the engine with the heater on before evacuating. Leak check and charge to specifications.

Bolts Passing Through Cowl and/or Firewall:

To ensure a watertight seal between the passenger compartment and the vehicle exterior, for all bolts passing through the cowl and/or firewall, Vintage Air recommends coating the threads with silicone prior to installation.

Heater Hose (not included with this kit):

Heater hose may be purchased from Vintage Air (Part#31800-VUD) or your local parts retailer. Routing and required length will vary based on installer preference.

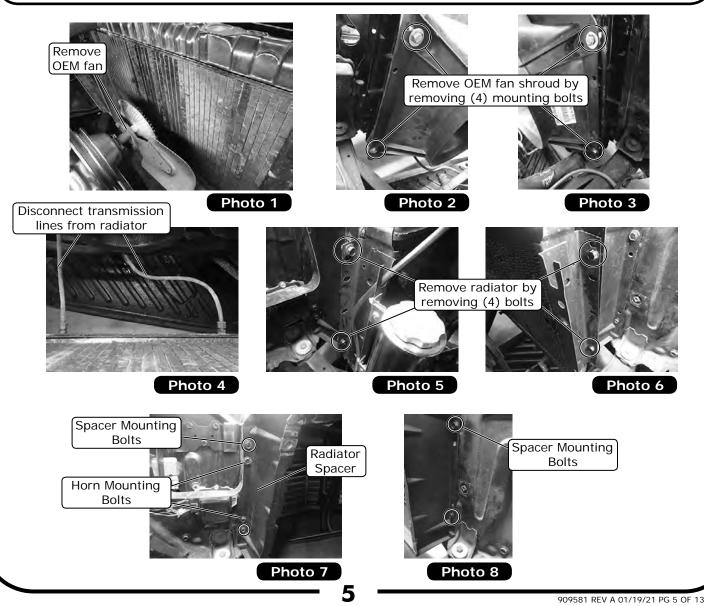


Engine Compartment Disassembly

NOTE: Before starting the installation, check the function of the vehicle (horn, lights, etc.) for proper operation, and study the instructions, illustrations, & diagrams. For factory A/C vehicles, remove refrigerant from the A/C system before starting the disassembly process (Steps 12 and 13 only apply to factory A/C vehicles).

Perform the Following:

- **1.** Disconnect the battery.
- 2. Remove the battery tray by removing (3) mounting bolts.
- 3. Drain the radiator.
- 4. Remove the OEM fan by removing (4) cooling fan bolts (retain) (See Photo 1, below).
- 5. Remove the OEM fan shroud (if equipped) by removing (4) mounting bolts ((2) bolts on each side) (See Photos 2 and 3, below). NOTE: Mounting bolt location may vary depending on the radiator and radiator spacer.
- **6.** If vehicle is equipped with automatic transmission, disconnect the transmission lines from the radiator (See Photo 4, below).
- 7. Remove the radiator by removing (4) bolts (retain) (See Photos 5 and 6, below).
- **8.** Remove the radiator spacer (if equipped) by removing the (4) mounting bolts and (2) horn mounting bolts (See Photos 7 and 8, below).

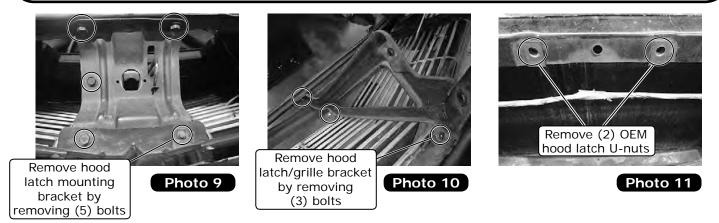




Engine Compartment Disassembly (Cont.)

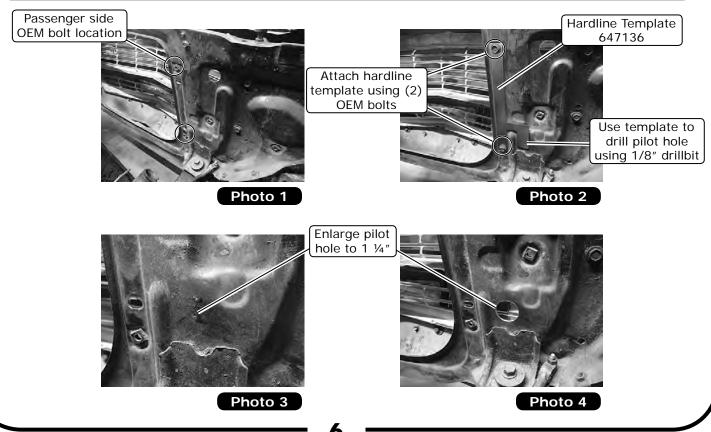
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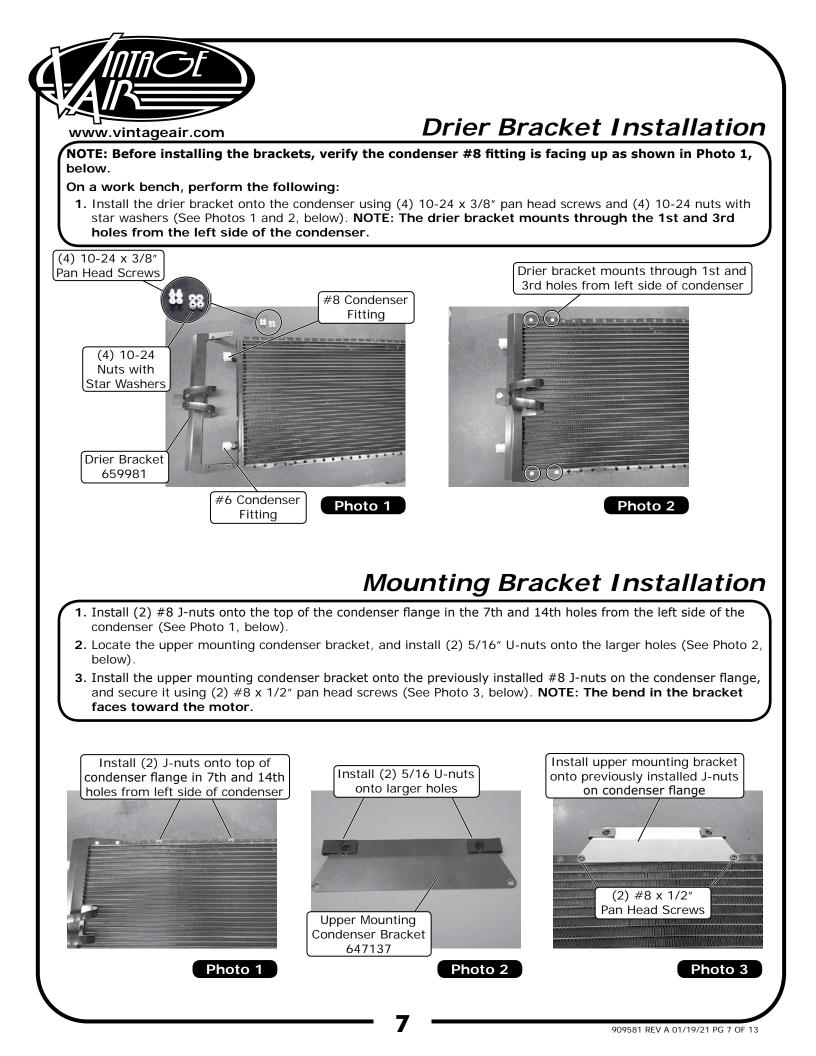
- 9. Remove the hood latch mounting bracket by removing (5) bolts (See Photo 9, below).
- **10.** Remove the hood latch/grille bracket by removing (3) bolts (See Photo 10, below).
- **11.** Remove the (2) OEM hood latch U-nuts from the core support (See Photo 11, below).
- **12.** Disconnect the drier hardlines and hoses from the condenser.
- **13.** Remove (4) OEM condenser mounting bolts and remove the condenser from the core support.

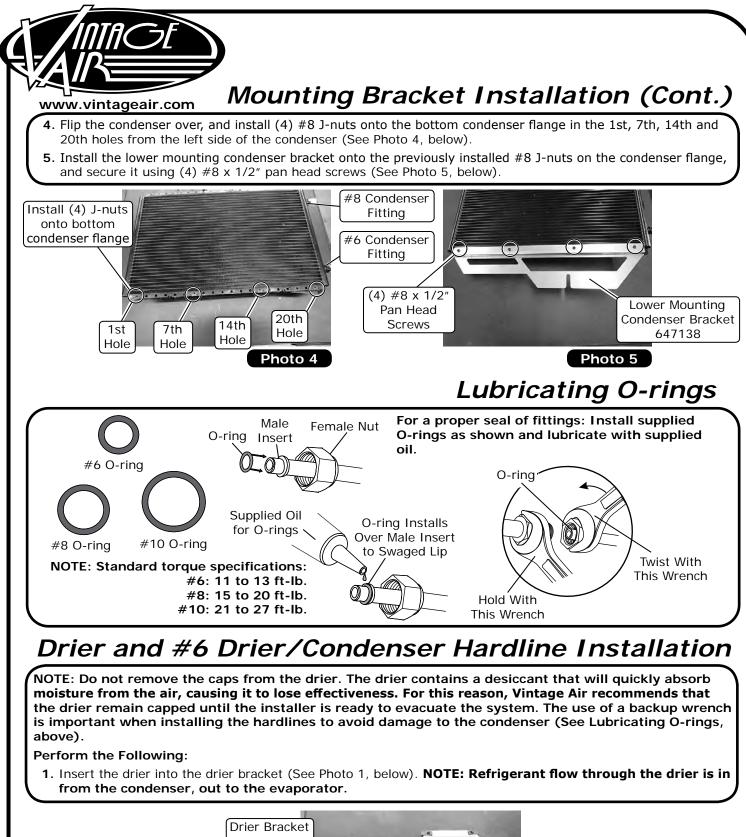


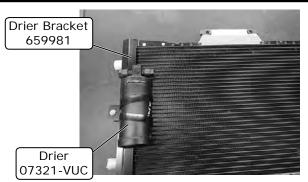
Core Support Modification

- 1. Attach the hardline template to the back of the core support on the passenger side using (2) OEM bolts (See Photos 1 and 2, below).
- 2. Use the template to drill a pilot hole using a 1/8" drillbit (See Photo 2, below), then remove the template.
- **3.** Enlarge the pilot hole to 1 ¼" (See Photos 3 and 4, below). Clean and deburr the hole for the hardline grommet.



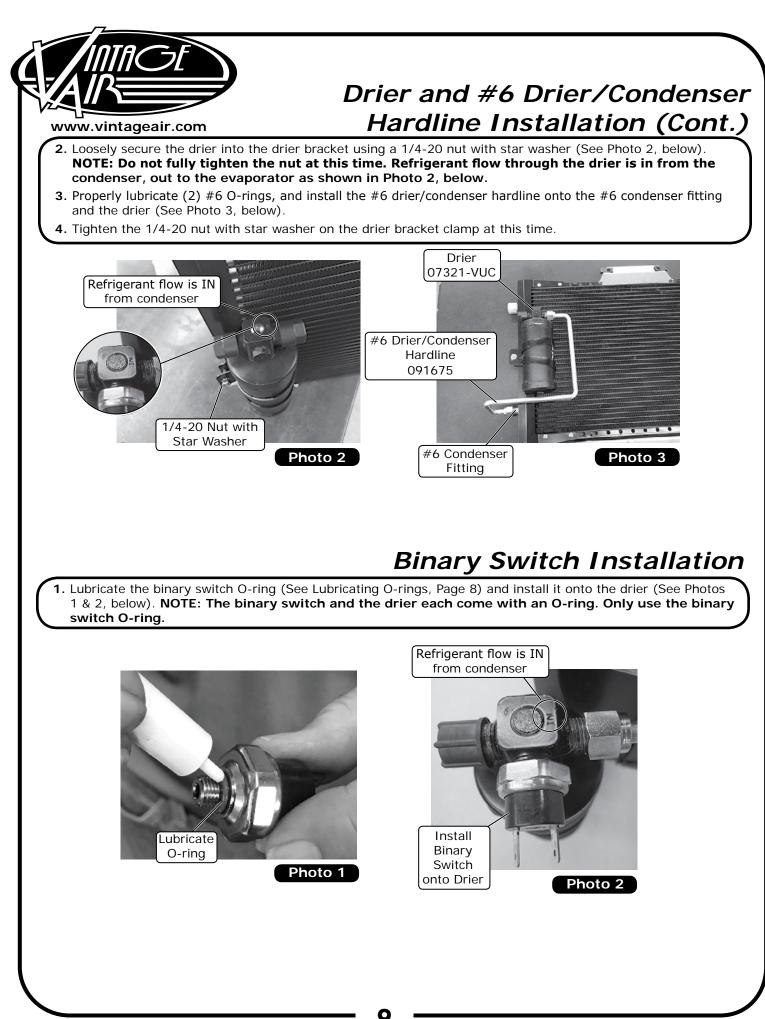




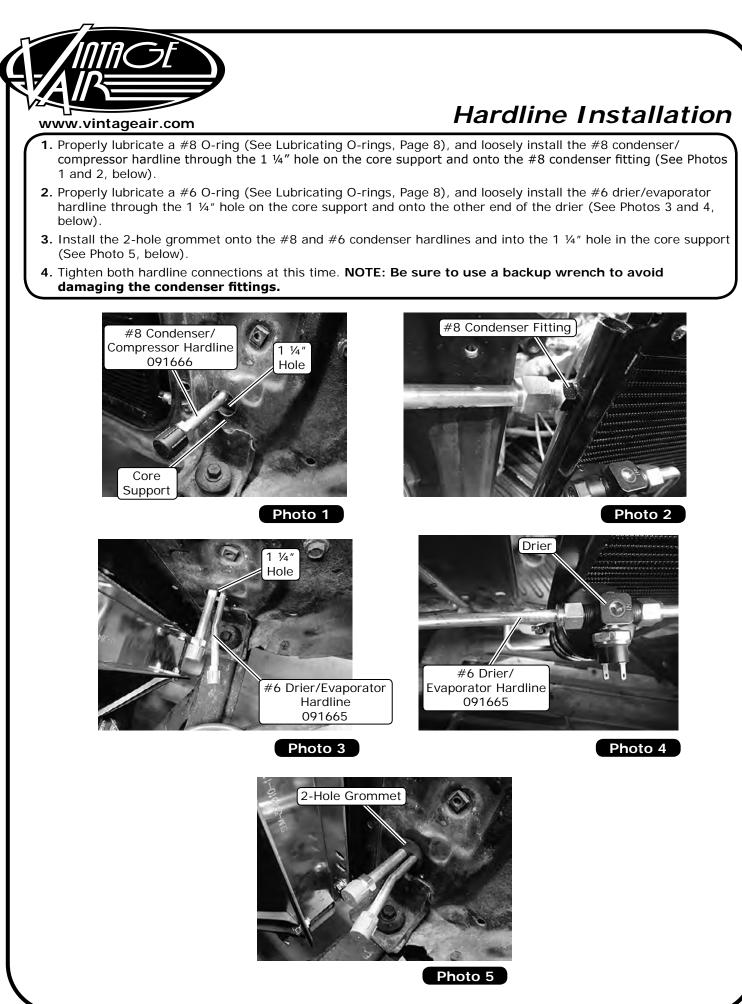


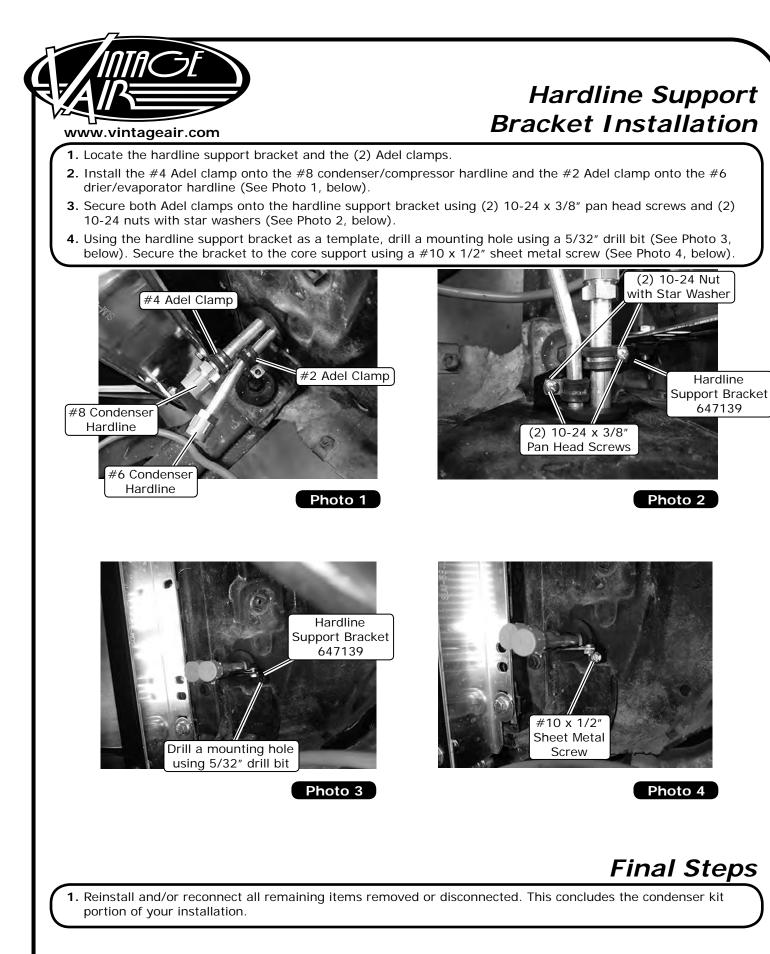
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Photo 1











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| 24. | 1 | 31603-VUD | Adel Clamp, #4 | | |
| 25. | 1 | 41117-VUP | Refrigerant Oil | | |
| | | | | Checked By: Packed By: Date: | |

