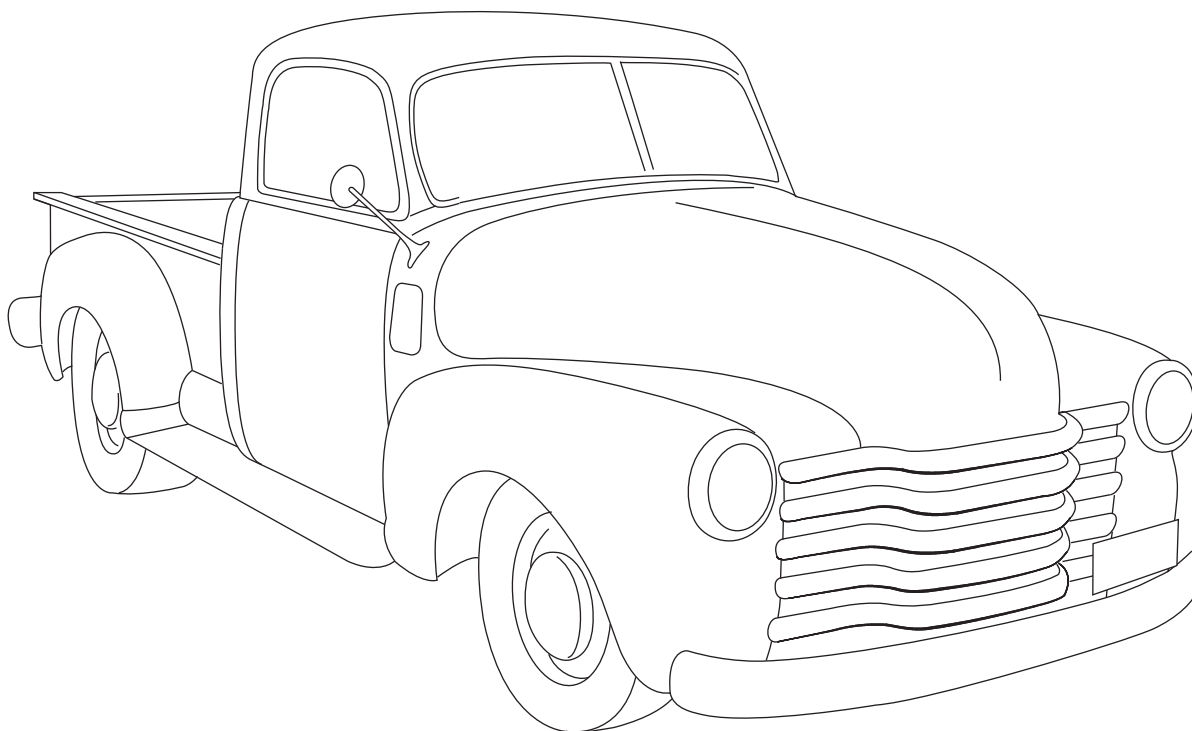




an ISO 9001:2008 Registered Company

1947-55 Chevrolet Pickup

Condenser Kit *without* Drier
(021551)



18865 Goll St. San Antonio, TX 78266
Phone: 210-654-7171
Fax: 210-654-3113
www.vintageair.com



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Table of Contents

Thank you for purchasing this condenser kit from Vintage Air. When installing these components as part of a complete SureFit™ system, Vintage Air recommends working from front to back on the vehicle, installing the condenser kit and compressor first, followed by the evaporator, wiring and hoses, and control panel.

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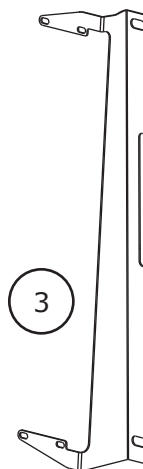
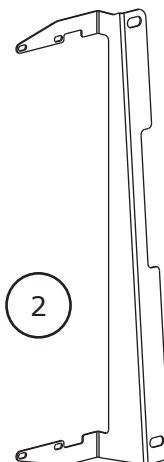
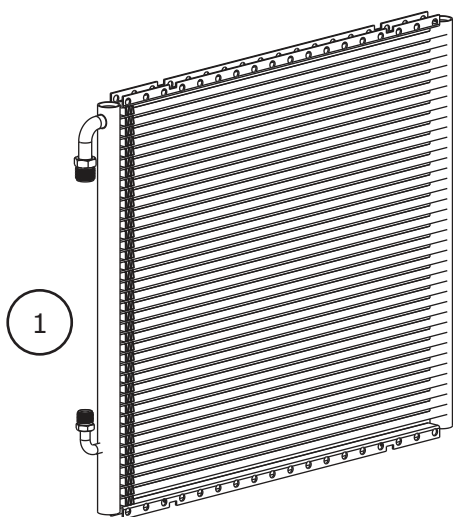


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Packing List: **Condenser Kit (021551)** **1947-55 Chevrolet Pickup**

No.	Qty.	Part No.	Description
1.	1	037036	Condenser, 17" x 19" Parallel Flow
2.	1	645706	Bracket, Passenger Side Condenser Mounting
3.	1	645704	Bracket, Driver Side Condenser Mounting
4.	8	18249-VUB	Screw, 10-24 x 3/8", Pan Head
5.	8	18260-VUB	Nut with Star Washer, 10-24

**** Before beginning installation, open 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.**



**NOTE: Images may not depict actual parts and quantities.
Refer to packing list for actual parts and quantities.**



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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. (1 lb., 12 oz.) 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 remained 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.

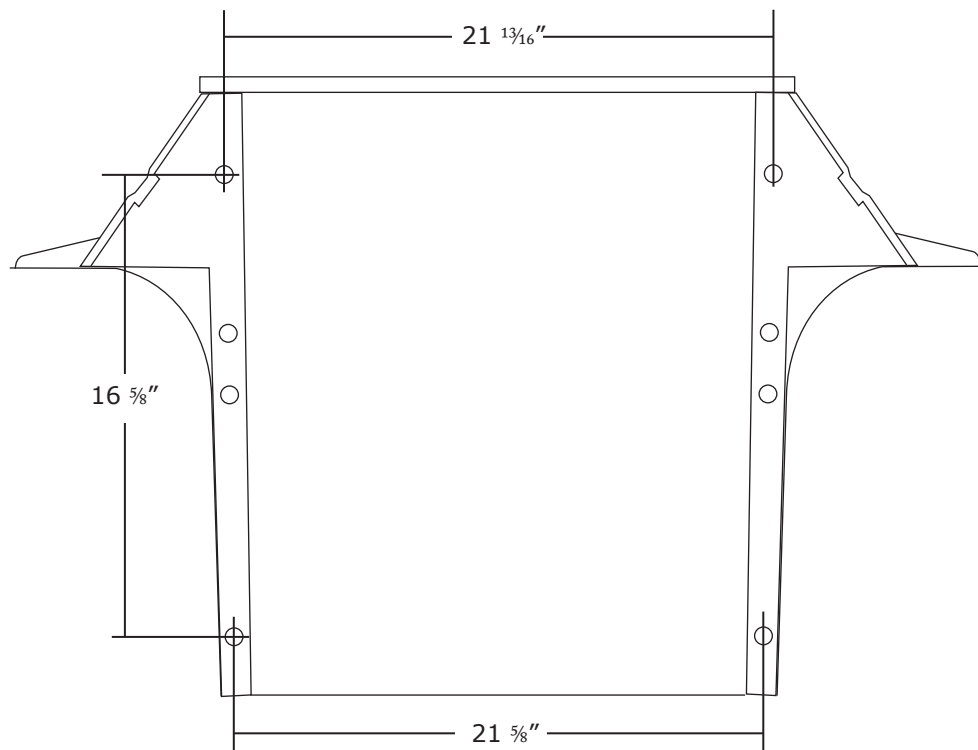
Heater Hose (Not Included With This Kit):

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.



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Core Support Measurements





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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.

Perform the Following:

1. Remove battery cover under passenger side floorboard, and disconnect battery. **NOTE: Ensure battery remains disconnected during entire installation process.**
2. Drain radiator.
3. Remove OEM fan (retain).
4. Remove radiator (retain).
5. Remove the radiator petcock valve (See Photo 1, below) from the bottom of the radiator (retain).
NOTE: The petcock valve is removed so that it does not damage the condenser coil when the radiator is reinstalled.
6. Remove the upper radiator support panel with hood latch assembly as shown in Photo 2, below (retain).
7. Remove the "X" support rods from the core support (if equipped) (discard). **NOTE: If the vehicle is equipped with "X" support rods as illustrated in Figure 1, below, these must be removed from the core support in order to make room for the condenser.**



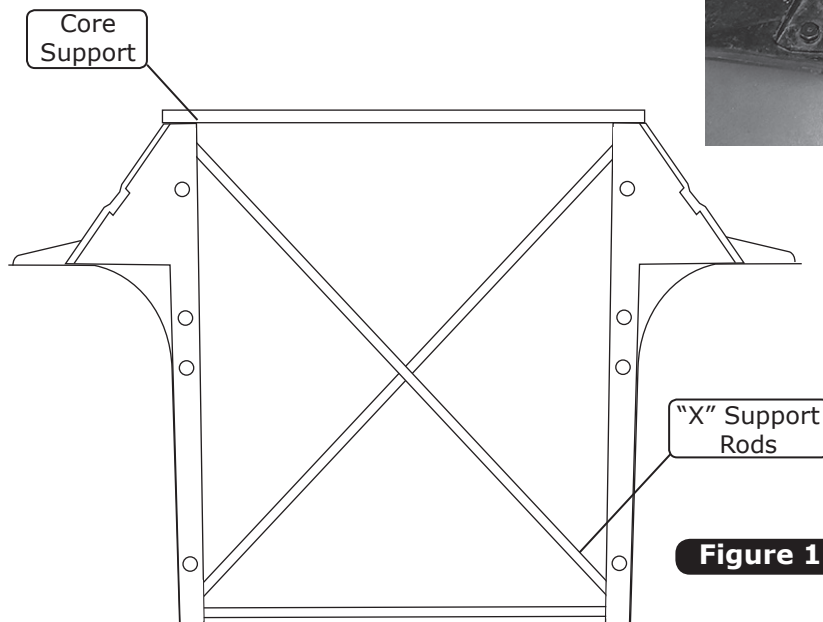
Radiator Petcock Valve

Photo 1



Photo 2

Upper Radiator Support Panel with Hood Latch Assembly



"X" Support Rods

Figure 1

For Reference Only



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Condenser Mounting Bracket Installation

1. Using (8) 10-24 x 3/8" pan head screws and (8) 10-24 nuts with star washers, secure the passenger and driver side condenser brackets to the condenser as shown in Figure 2, below. **NOTE: Slotted holes are used to connect the bracket to the condenser. To ensure proper spacing of the brackets, before tightening, place the condenser assembly on the radiator, and adjust as needed so that the core support/radiator mounting holes match the condenser mounting holes. Then, tighten the nuts with star washers.**

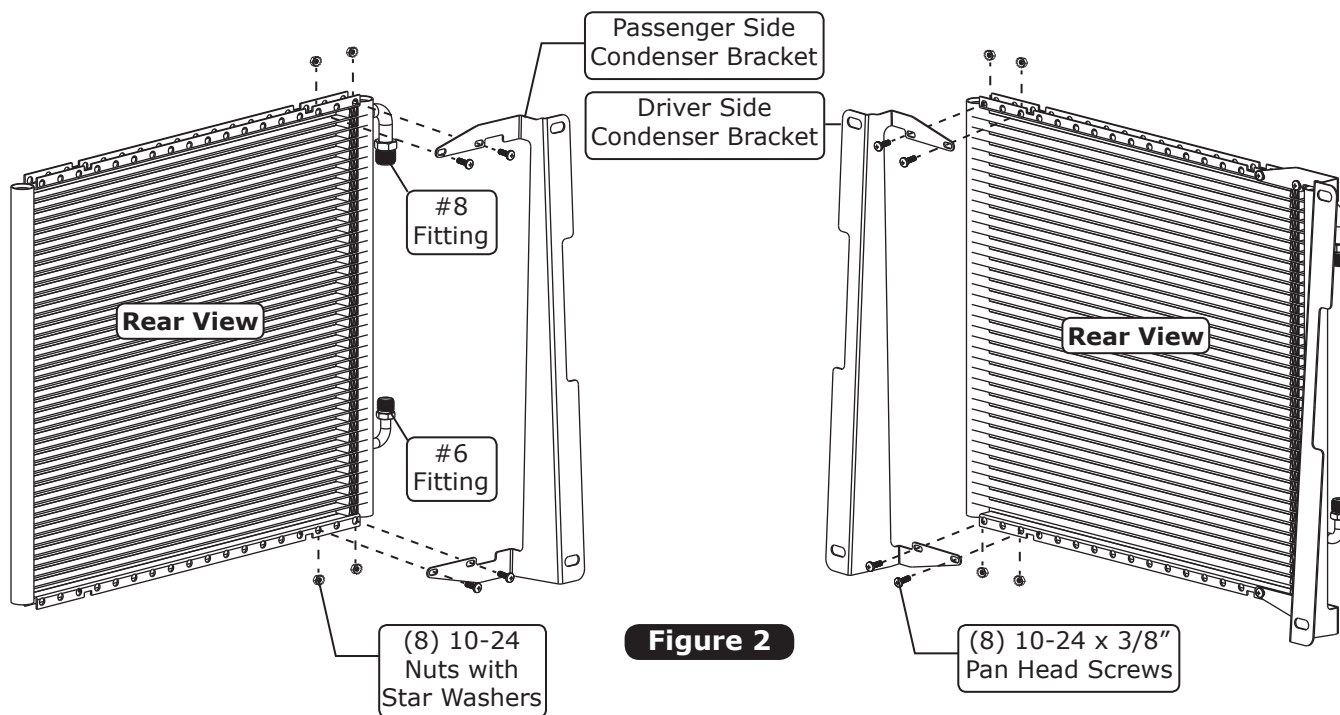
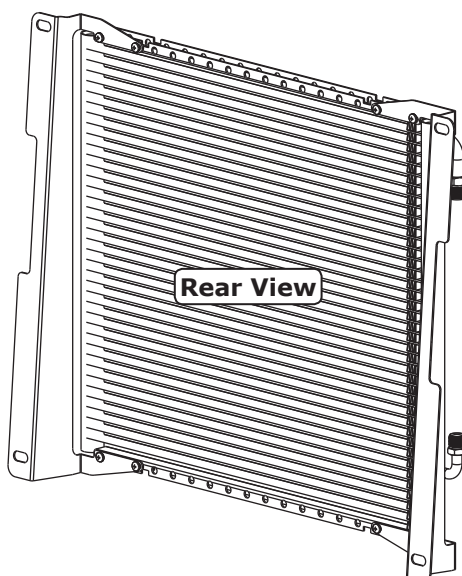


Figure 2





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Condenser Installation

1. Carefully install the condenser/bracket assembly into the engine side of the core support. **NOTE: The condenser/bracket assembly should rest against the engine side of the core support without needing to be held.**
2. Slowly and carefully install the radiator behind the condenser as shown in Figure 3, below.
3. Install the fan shroud behind the radiator (if applicable).
4. Using a line-up tool (for example, a #2 Phillips screwdriver), align the condenser, radiator and fan shroud with the top mounting hole of the core support. While temporarily leaving the line-up tool in the top hole, reinstall (4) OEM radiator mounting bolts (do not reinstall the center radiator mounting bolts).
5. Reinstall the petcock valve onto the radiator.

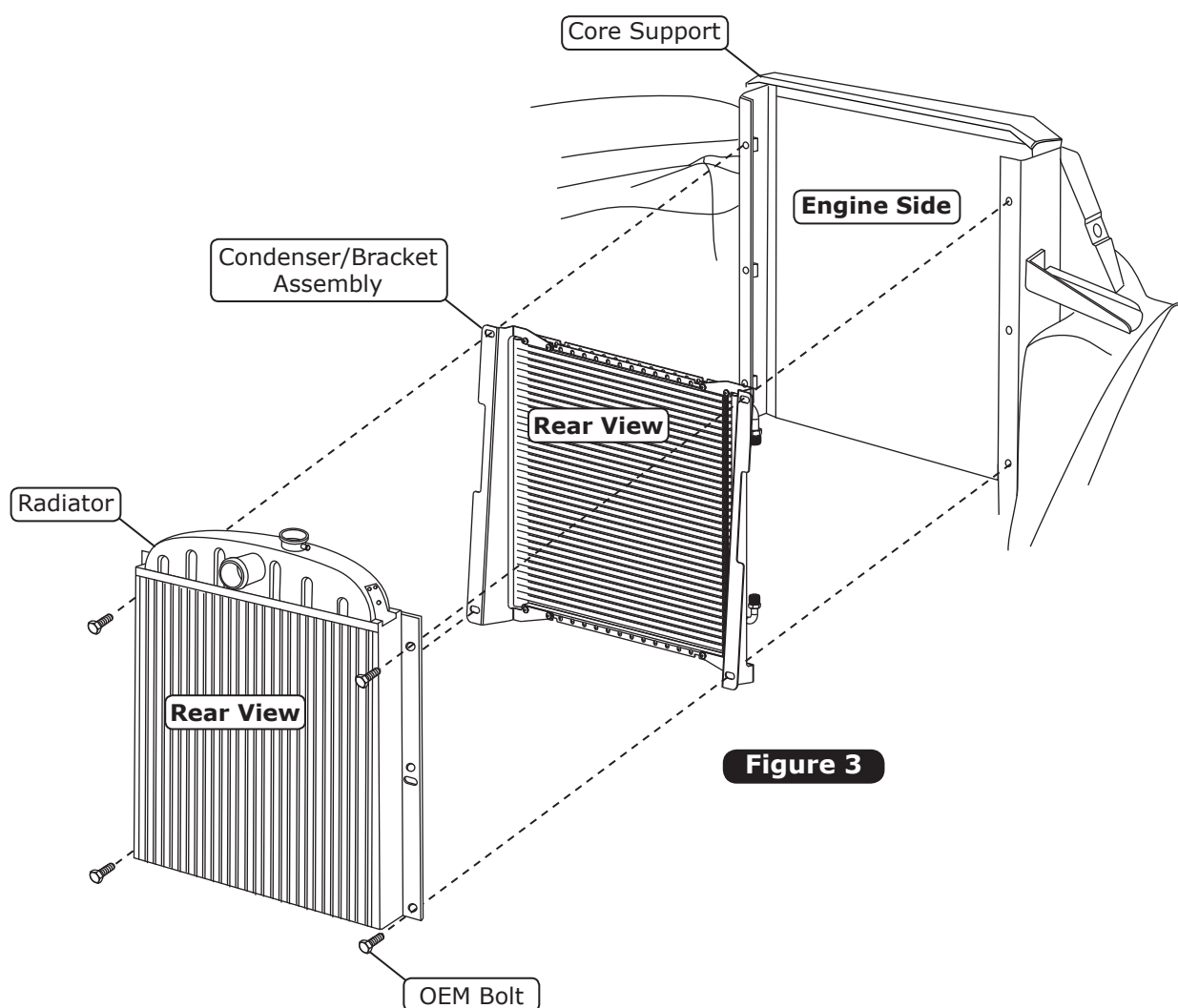


Figure 3



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Packing List: Condenser Kit (021551) 1947-55 Chevrolet Pickup

No.	Qty.	Part No.	Description	
1.	1	037036	Condenser, 17" x 19" Parallel Flow	_____
2.	1	645706	Bracket, Passenger Side Condenser Mounting	_____
3.	1	645704	Bracket, Driver Side Condenser Mounting	_____
4.	8	18249-VUB	Screw, 10-24 x 3/8", Pan Head	_____
5.	8	18260-VUB	Nut with Star Washer, 10-24	_____

Checked By: _____

Packed By: _____

Date: _____

