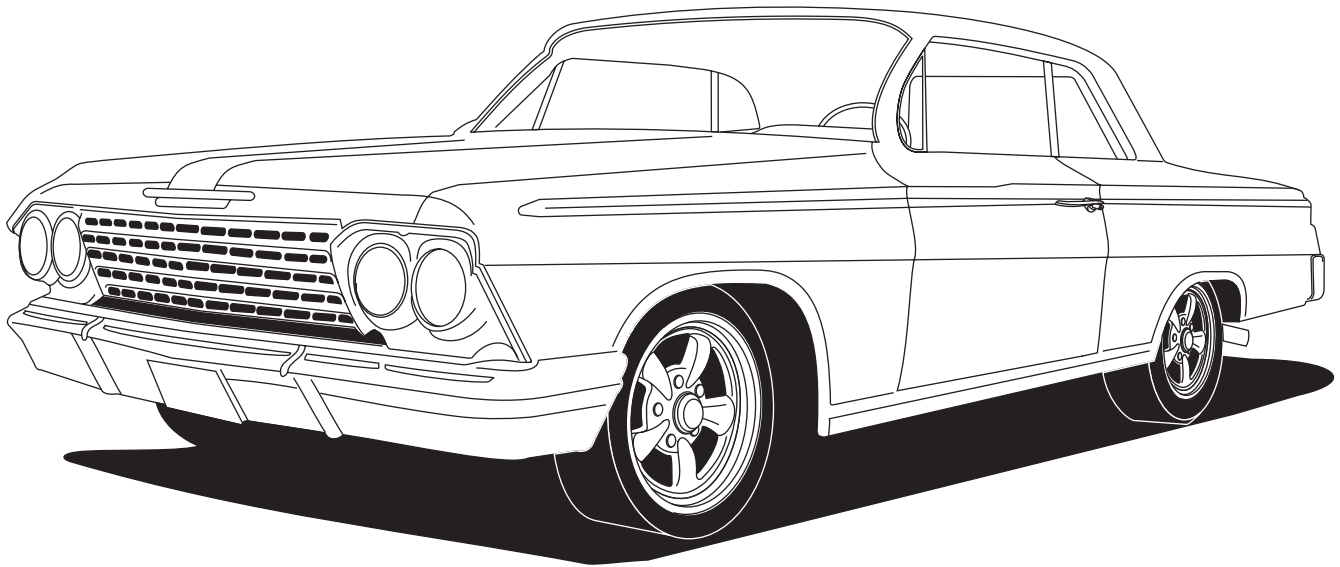




an ISO 9001:2008 Registered Company

# 1961-63 Chevrolet Impala

Condenser Kit *with* Drier  
**021062**



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# Table of Contents

Cover.....	1
Table of Contents.....	2
Packing List/Parts Disclaimer.....	3
Core Support Measurements.....	4
Condenser Bracket Installation.....	5
Drier Mounting Bracket, Mounting Bracket Installation.....	6
Drier Installation, Lubricating O-rings, Hardline Installation.....	7
Radiator Removal, Core Support Modifications.....	8
Condenser Assembly Installation.....	9
Hardline Installation (Cont.), Binary Switch Installation.....	10
Core Support Template.....	11
Packing List.....	12

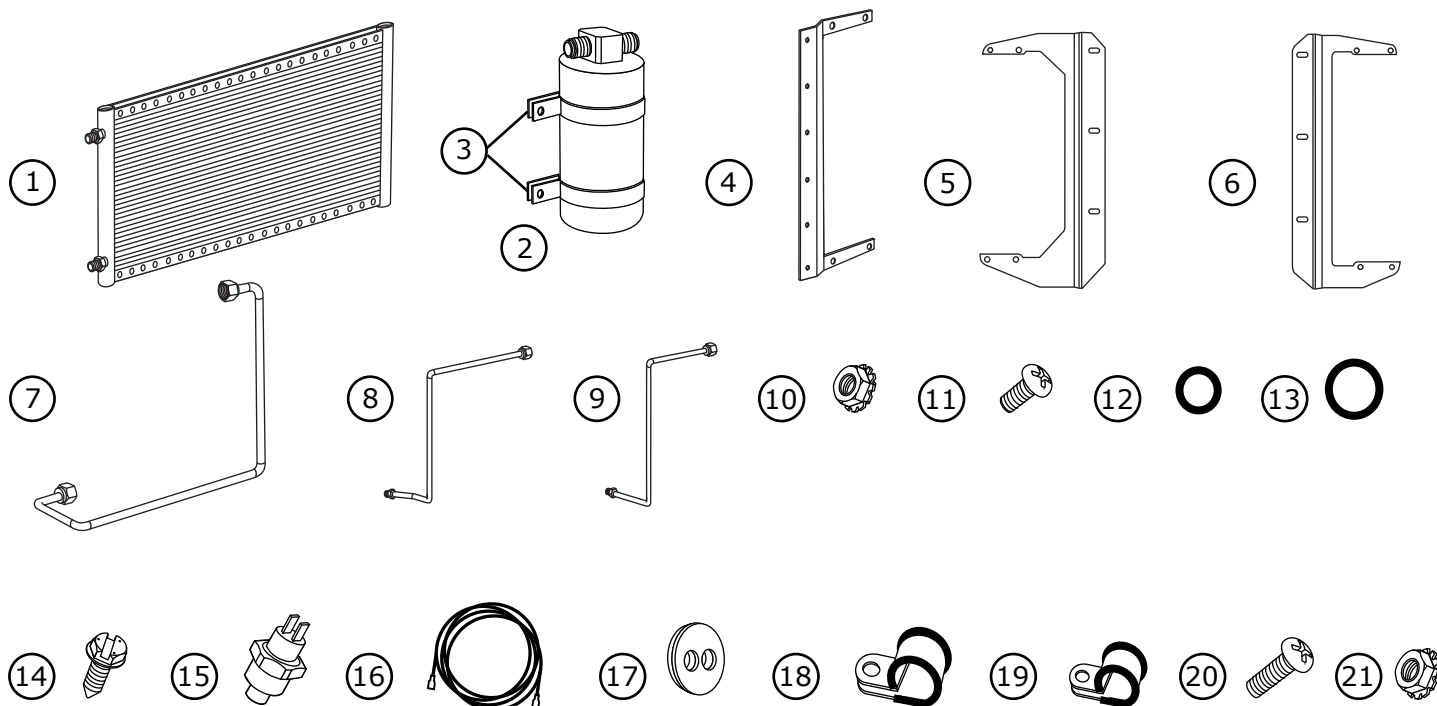


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# Packing List: Condenser Kit with Drier (021062) 1961-63 Chevrolet Impala

No.	Qty.	Part No.	Description
1.	1	03766-VUC	Condenser, 14" x 22" Parallel Flow
2.	1	07321-VUC	Drier
3.	2	07113-VUB	Drier Clamp
4.	1	65998-VUB	Bracket, 14 3/4" Universal Drier
5.	1	644062	Bracket, Passenger Side Condenser
6.	1	644063	Bracket, Driver Side Condenser
7.	1	35117-VCG	Hardline, #6 Condenser/Drier
8.	1	091063	Hardline, #6 Drier/Core
9.	1	091064	Hardline, #8 Condenser
10.	12	18260-VUB	Nut with Star Washer, 10-24
11.	12	18249-VUB	Screw, 10-24 x 3/8" Pan Head
12.	3	33857-VUF	O-ring, #6
13.	1	33858-VUF	O-ring, #8
14.	2	18247-VUB	Screw, #10 x 1/2" Sheet Metal
15.	1	11079-VUS	Binary Switch, Male
16.	1	23135-VUW	Compressor Lead
17.	1	33134-VUI	Grommet
18.	1	31603-VUD	Adel Clamp, #4
19.	1	31600-VUD	Adel Clamp, #2
20.	1	18250-VUB	Screw, 10-32 x 1/2" Pan Head
21.	1	18251-VUB	Nut with Star Washer, 10-32

**\*\* 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.**



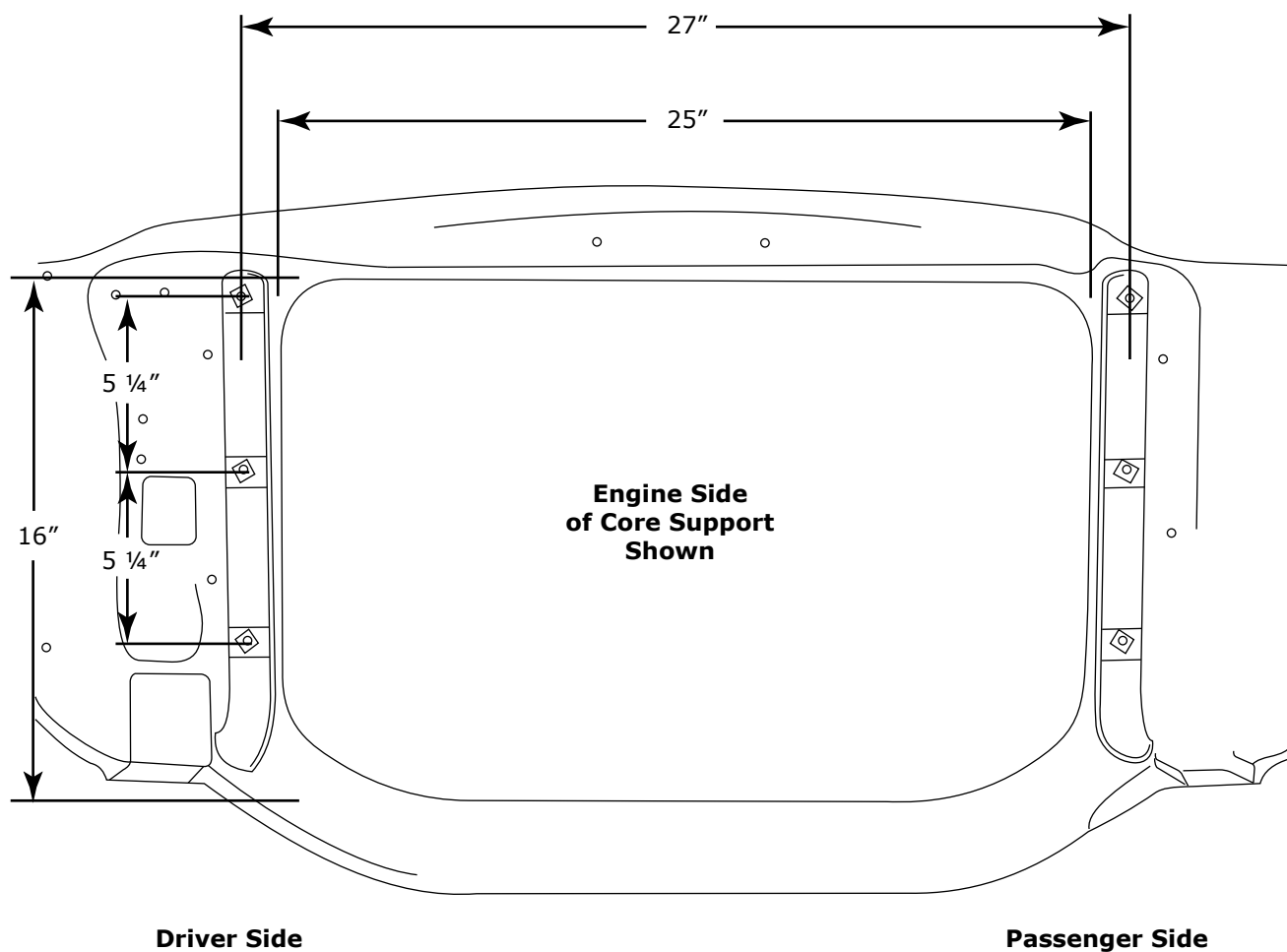
**NOTE: Images may not depict actual parts and quantities.  
Refer to packing list for actual parts and quantities.**



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## Measurements: 1962 Chevrolet Impala Core Support

*This kit was developed based on the measurements below, which were taken from a 1962 Chevrolet Impala with factory air core support.*

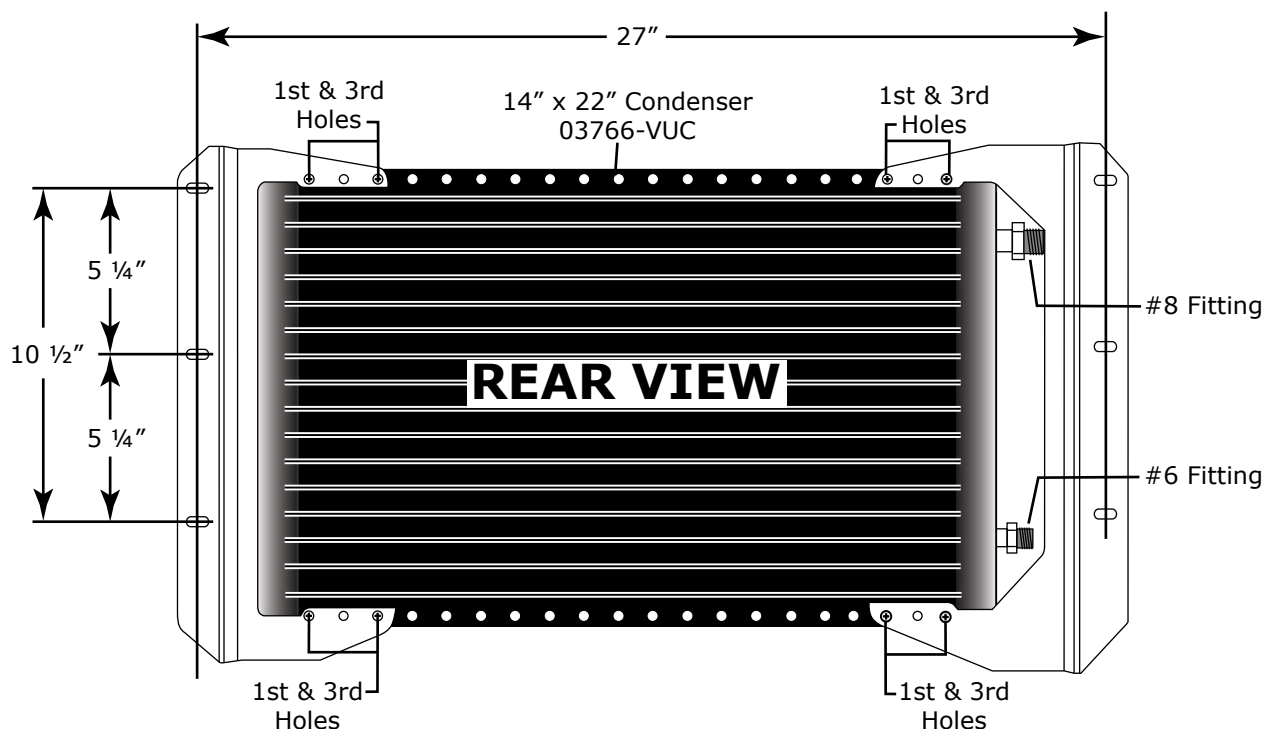
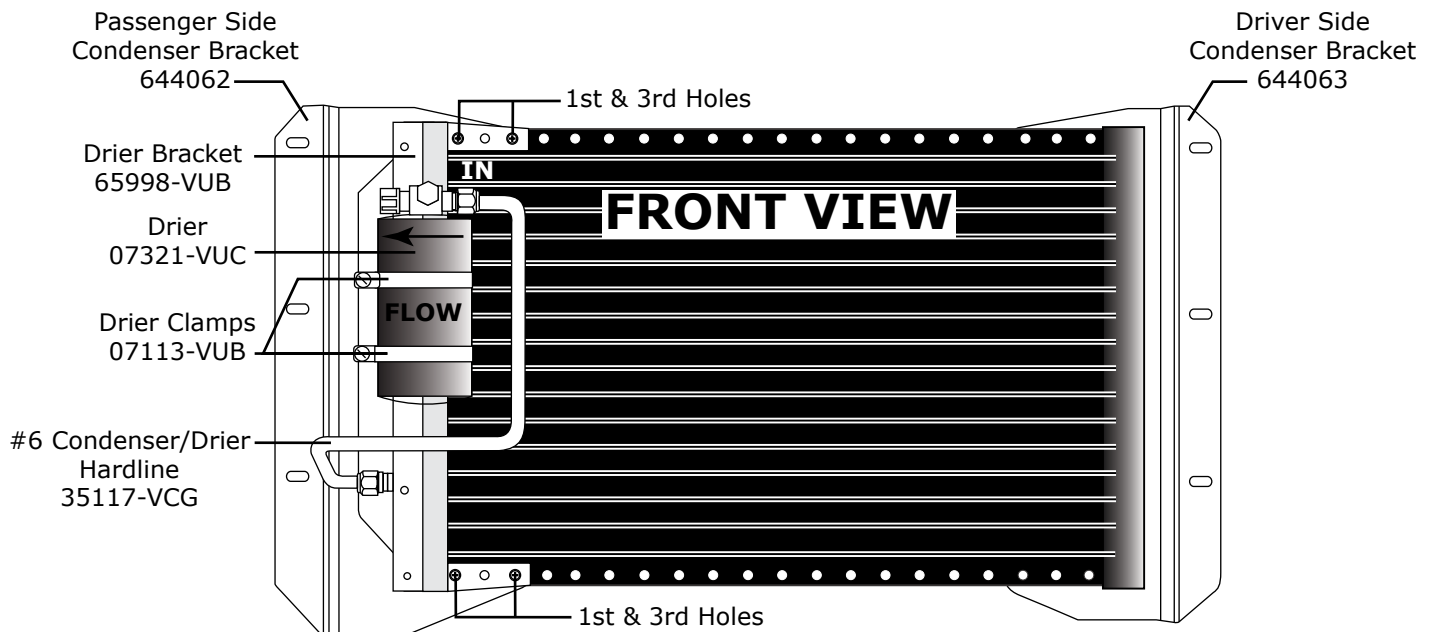
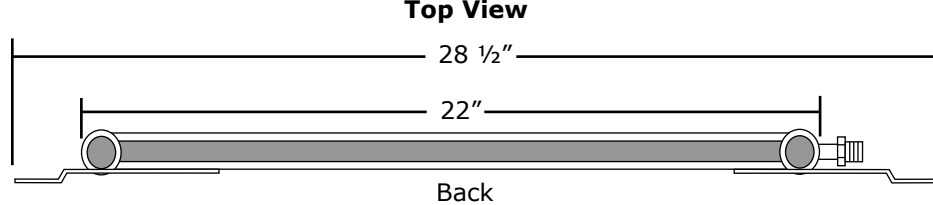




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## Condenser Bracket Installation

Top View





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## Drier Mounting Bracket Installation

1. Install drier mounting bracket onto condenser using (4) 10-24 x 3/8" pan head screws and (4) 10-24 nuts with star washers (See Figure 1, below). **NOTE: Brackets mount through the 1st and 3rd holes in the condenser.**

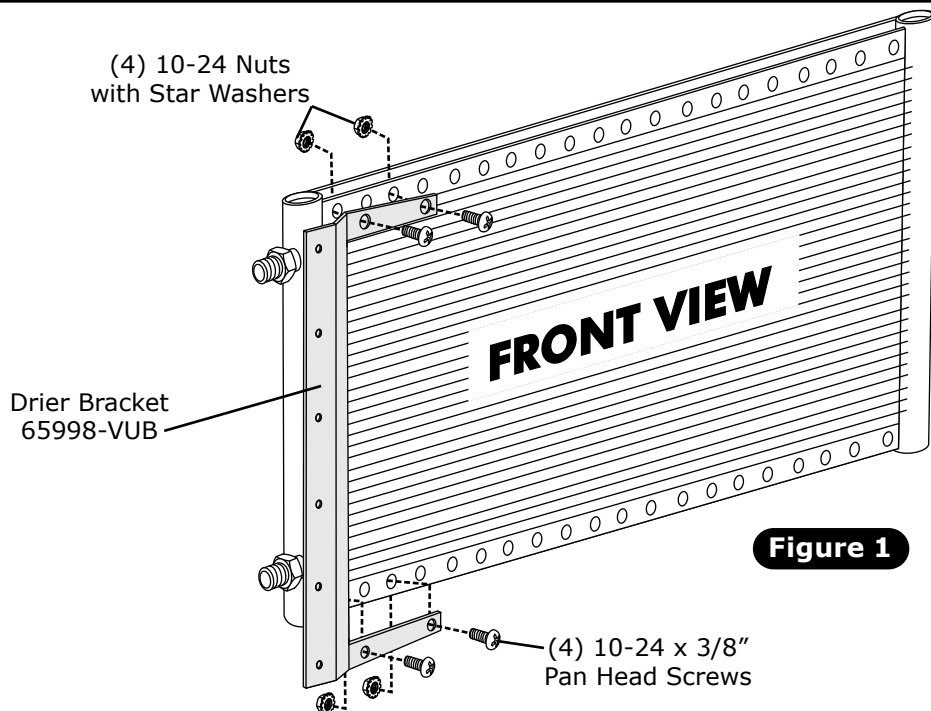


Figure 1

## Mounting Bracket Installation

1. Install condenser mounting bracket onto condenser using (8) 10-24 x 3/8" pan head screws and (8) 10-24 nuts with star washers (See Figure 2, below). **NOTE: Brackets mount through the 1st and 3rd holes of the condenser.**

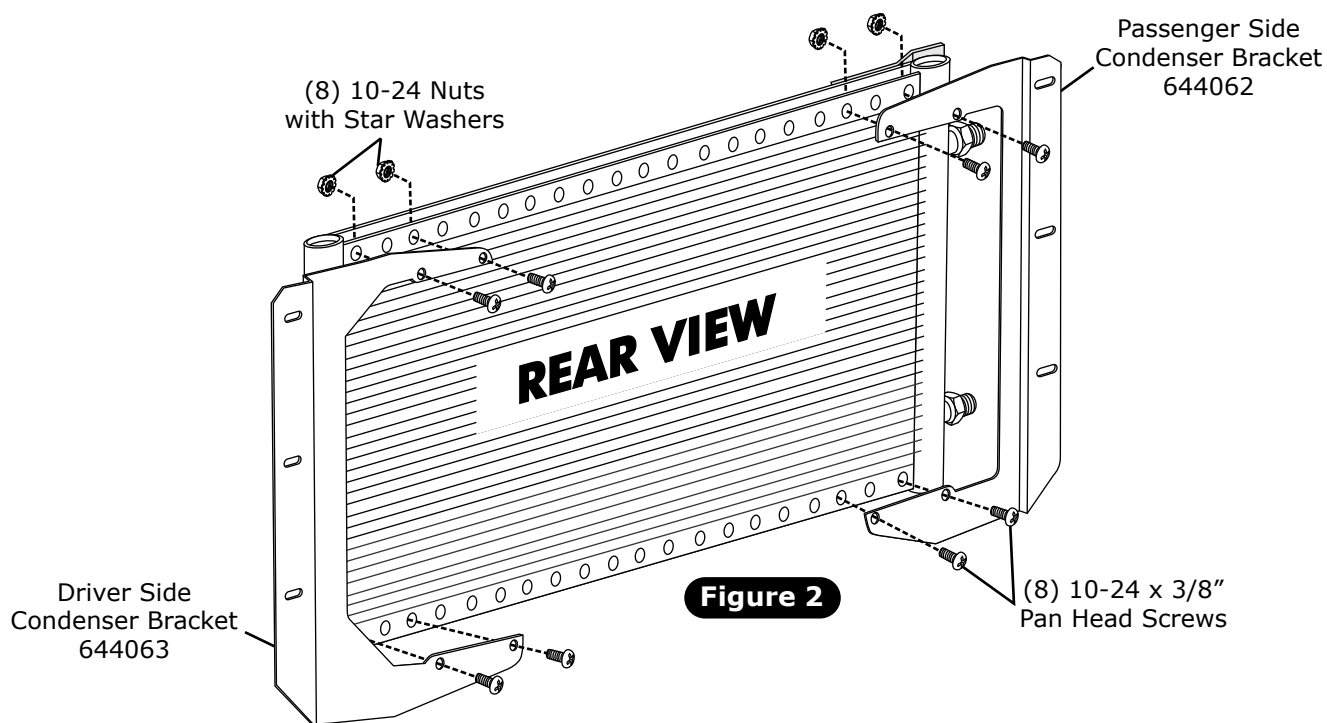


Figure 2

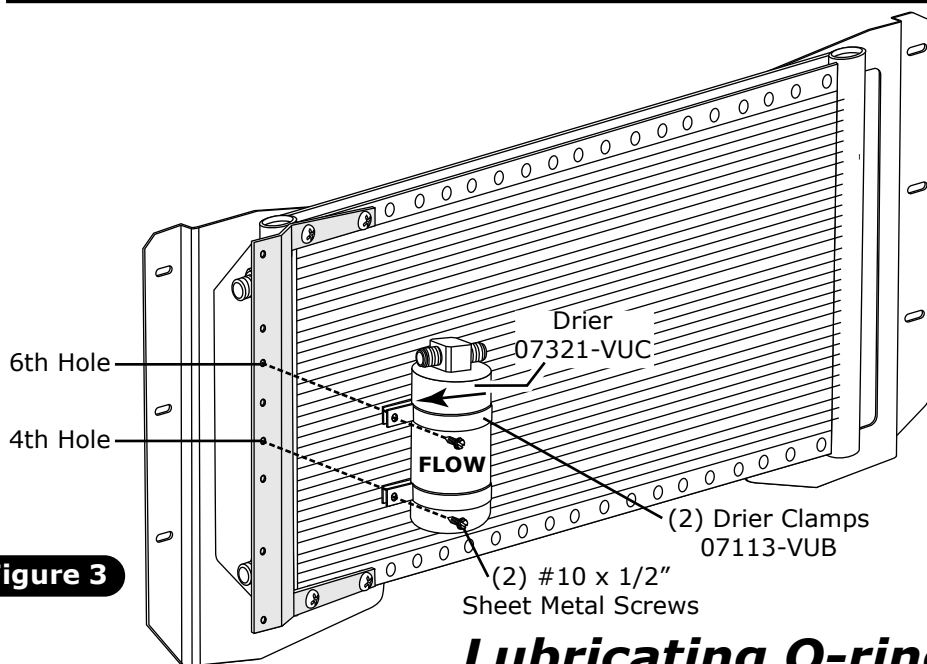


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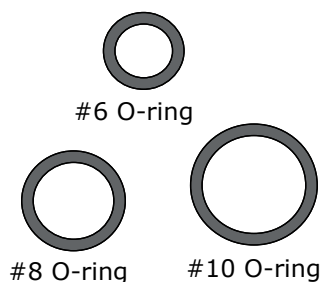
## Drier Installation

1. Install drier clamps onto drier as shown below.
2. Using (2) #10 x 1/2" sheet metal screws, install drier onto bracket in the 4th and 6th holes from the bottom of the bracket as shown in Figure 3, right.  
**NOTE: Refrigerant flow through drier is IN from condenser, OUT to evaporator.**

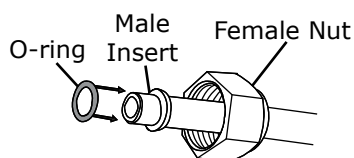
**Figure 3**



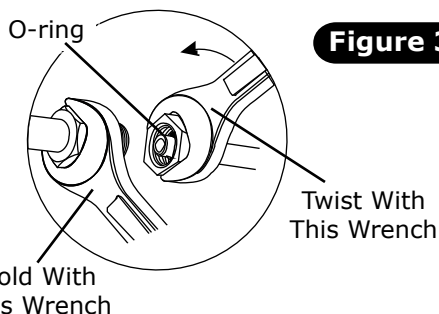
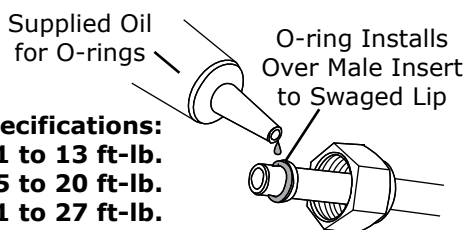
## Lubricating O-rings



**NOTE: Standard torque specifications:**  
**#6: 11 to 13 ft-lb.**  
**#8: 15 to 20 ft-lb.**  
**#10: 21 to 27 ft-lb.**



**For a proper seal of fittings: Install supplied O-rings as shown, and lubricate with supplied oil.**

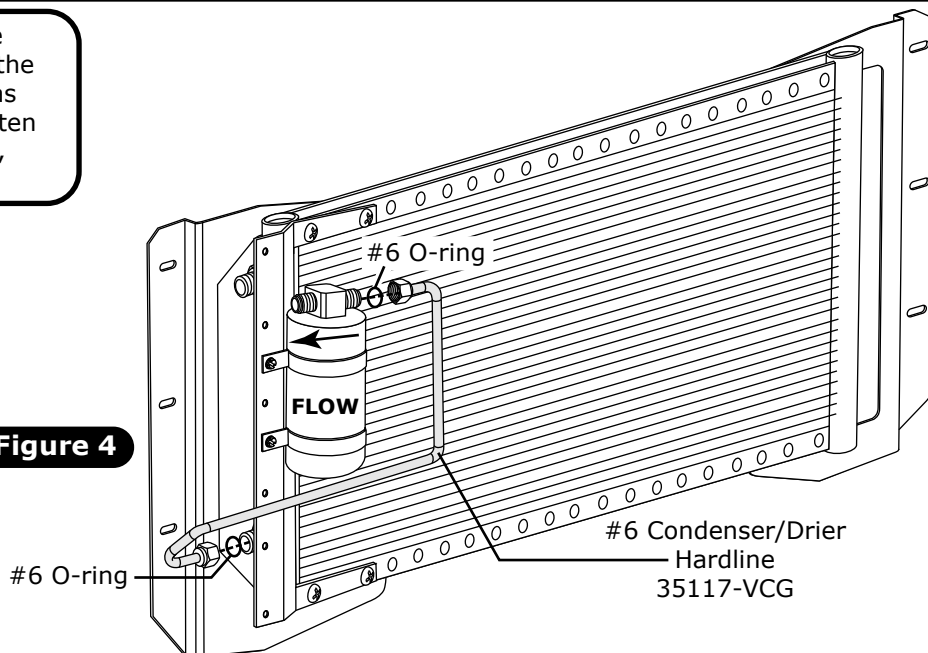


**Figure 3a**

## Hardline Installation

1. Lubricate (2) #6 O-rings (See Figure 3a, above) and install the #6 condenser/drier hardline as shown in Figure 4, right. Tighten fittings as shown in Figure 3a, above.

**Figure 4**





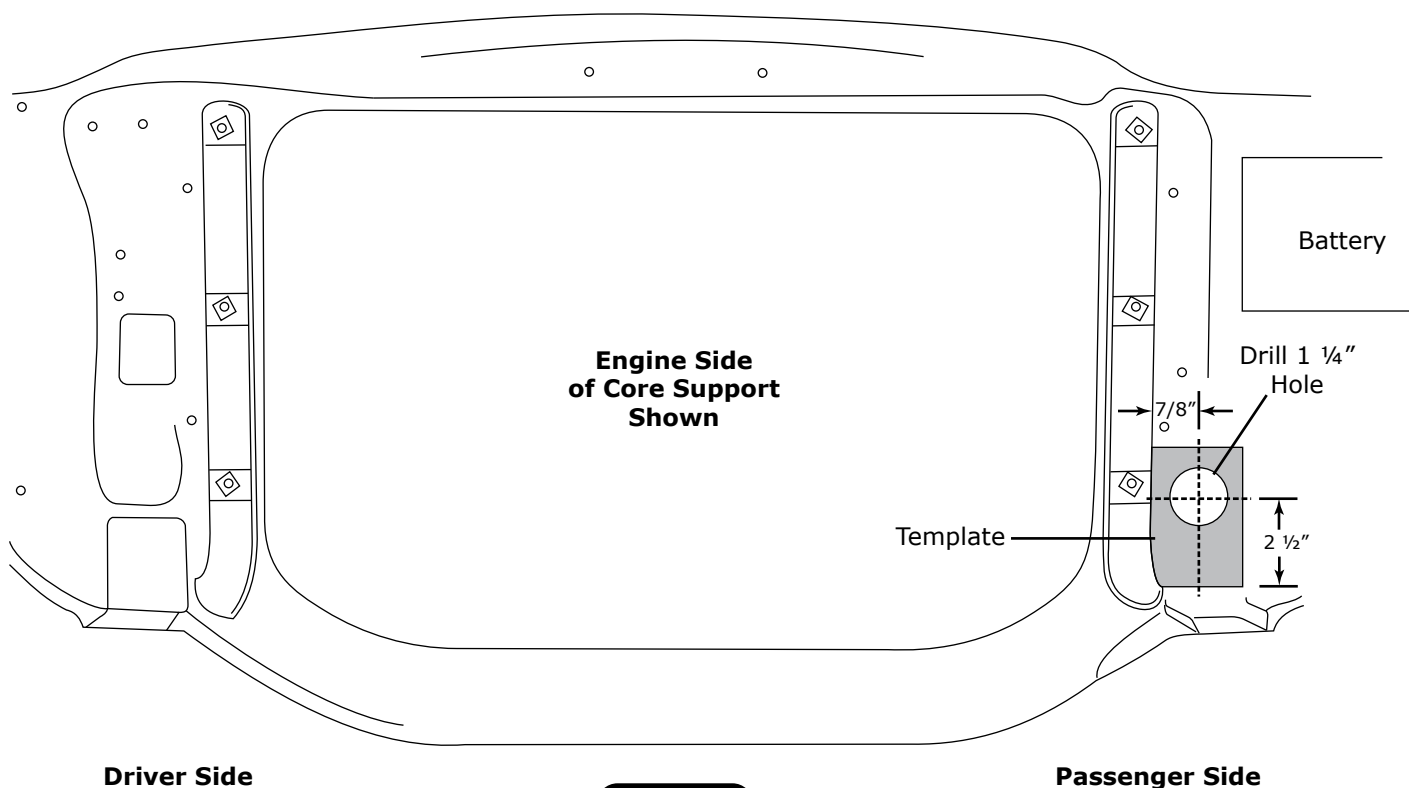
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## Radiator Removal

1. Drain radiator.
2. Remove upper and lower radiator hoses.
3. Remove radiator.

## Core Support Modification

1. Using template provided on Page 11, cut out template and place on back side of core support as shown under battery in Figure 5, below. Mark hole locations.
2. Using a 1 1/4" hole saw, drill hole in core support (See Figure 5, below).



**Figure 5**

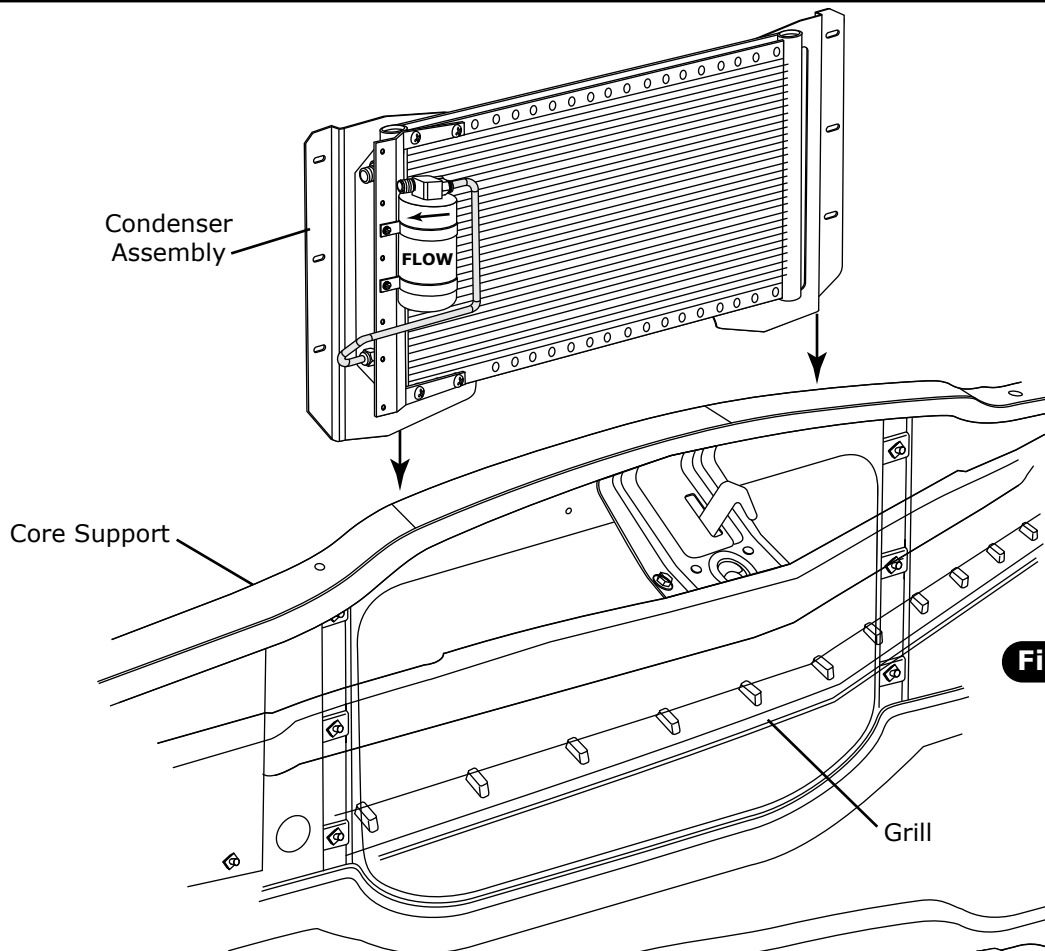




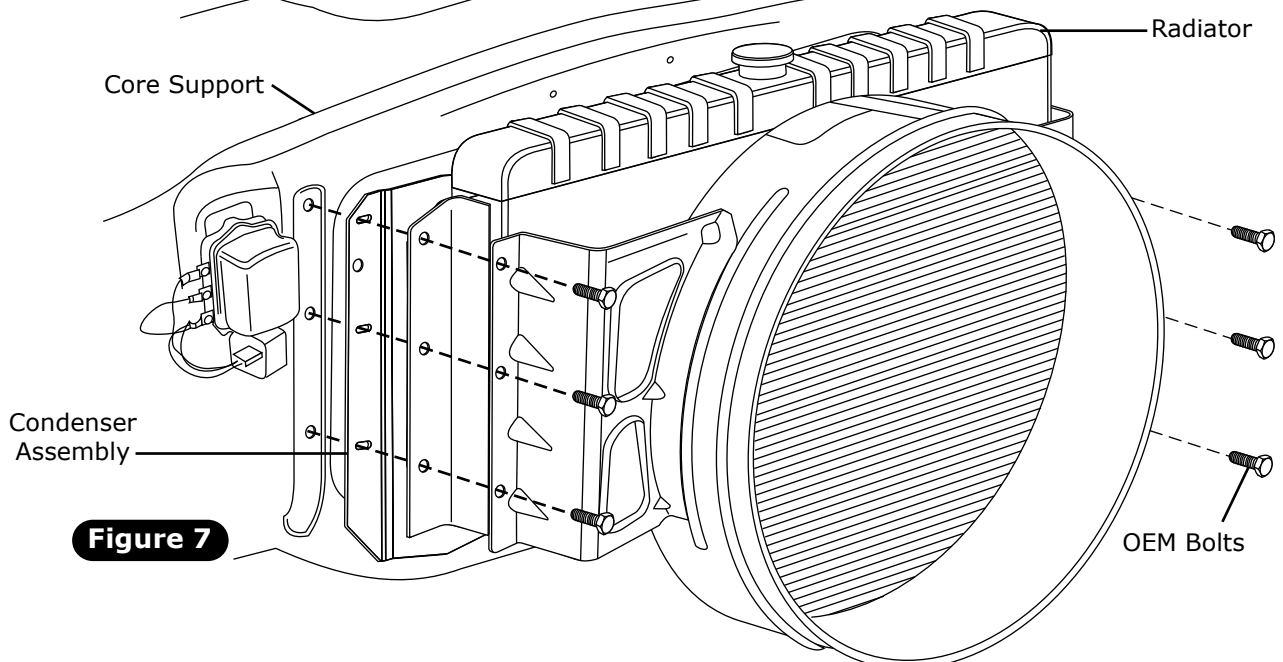
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## Condenser Assembly Installation

1. Install condenser on the back side of the core support as shown in Figure 6, below.
2. Using the OEM hardware, secure the condenser assembly between the radiator and the core support (See Figure 7, below).



**Figure 6**



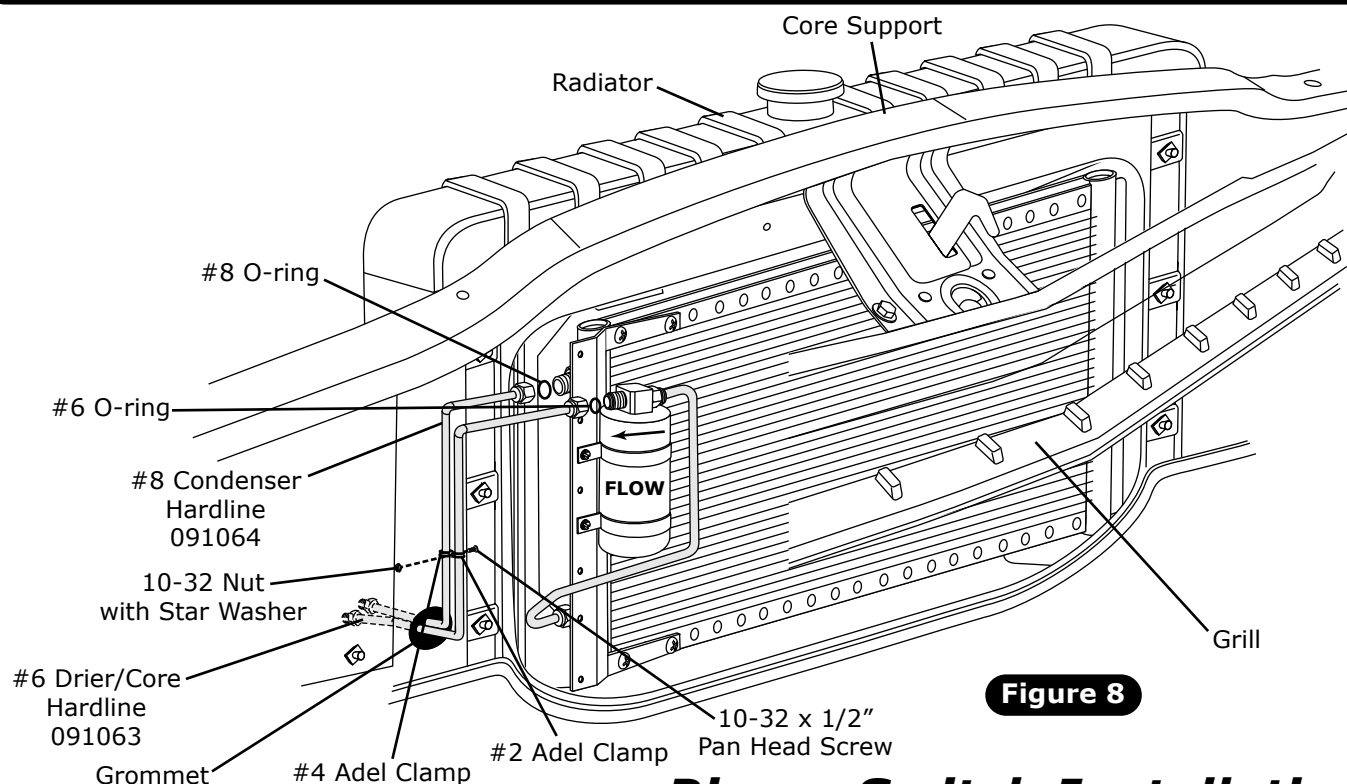
**Figure 7**



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## Hardline Installation (Cont.)

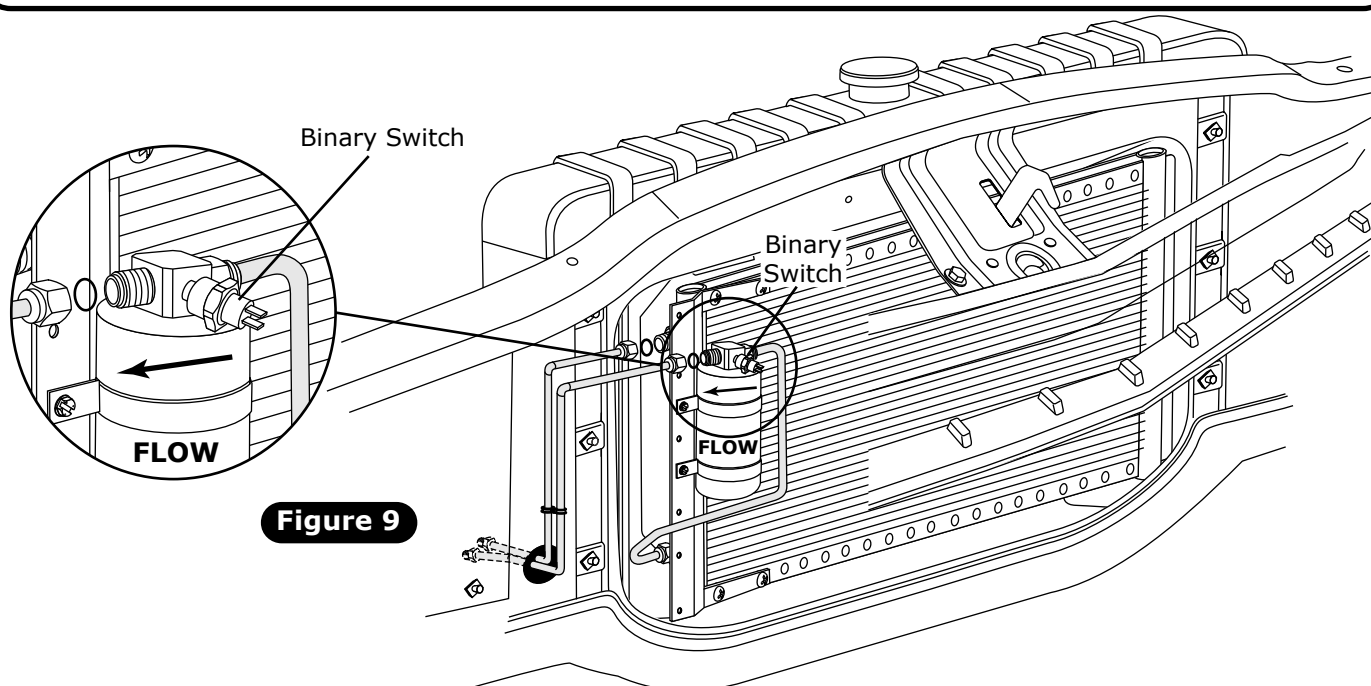
1. Install grommet in core support.
2. Lubricate a #6 and #8 O-ring as shown in Figure 3a, Page 7. Install the #6 drier/core hardline and the #8 condenser hardline as shown in Figure 8, below. Tighten fittings as shown in Figure 3a, Page 7.
3. Install (2) Adel clamps as shown in Figure 8, below.



**Figure 8**

## Binary Switch Installation

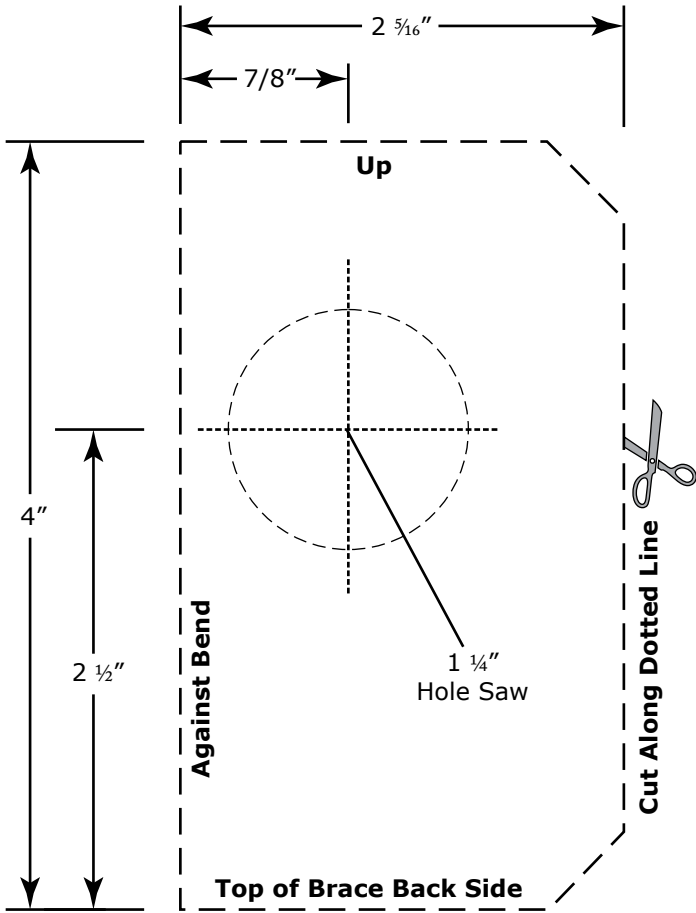
1. Install binary switch on drier as shown in Figure 9, below.



**Figure 9**



# Core Support Template







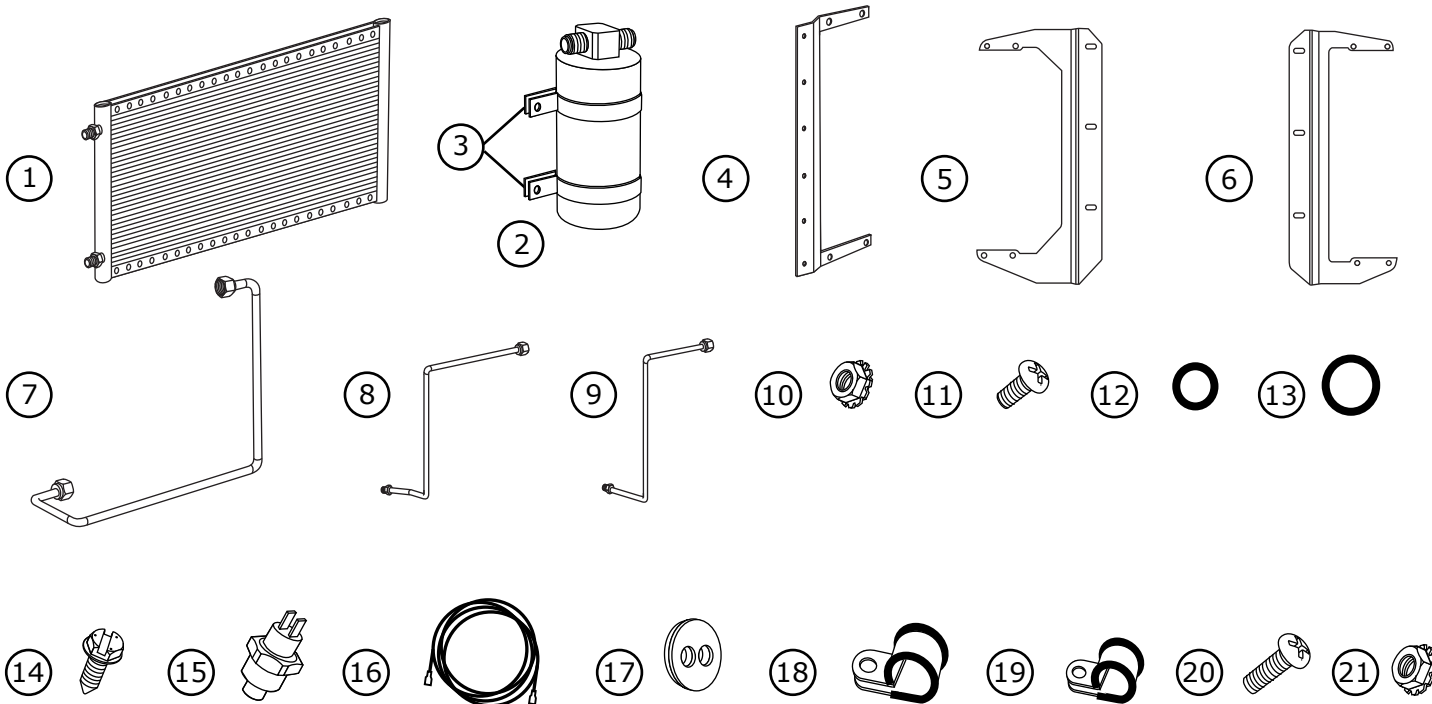


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21.	1	18251-VUB	Nut with Star Washer, 10-32

Checked By: \_\_\_\_\_  
Packed By: \_\_\_\_\_  
Date: \_\_\_\_\_



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Refer to packing list for actual parts and quantities.**