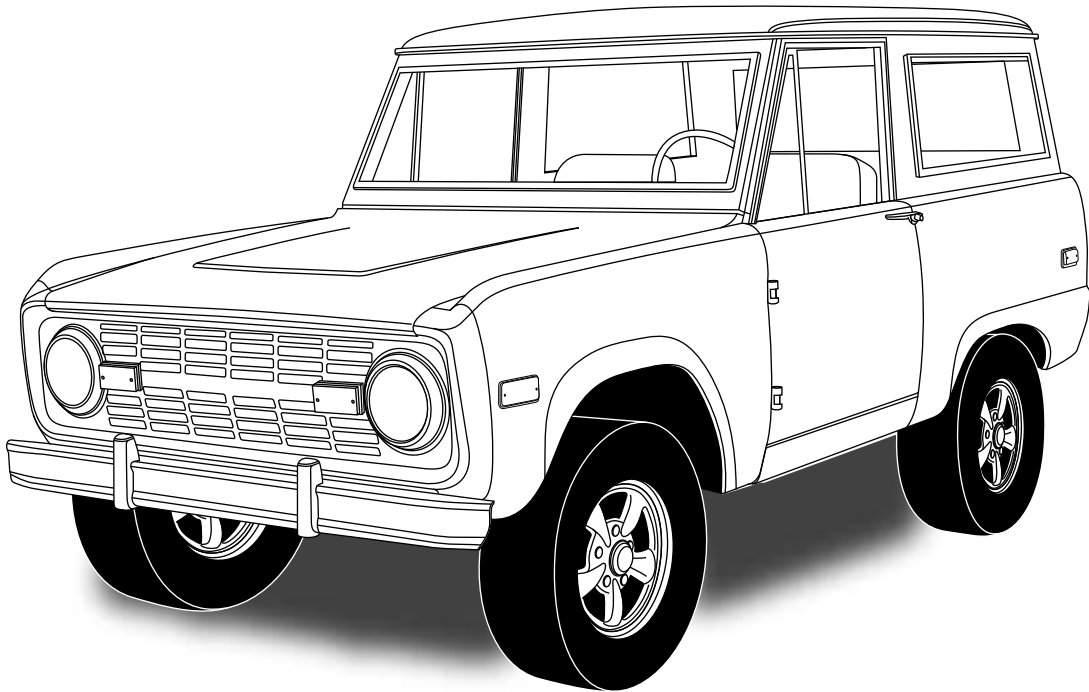




an ISO 9001:2008 Registered Company

# 1966-77 Ford Bronco

*with V8 Core Support*  
**Condenser Kit *with* Drier**  
**012001**



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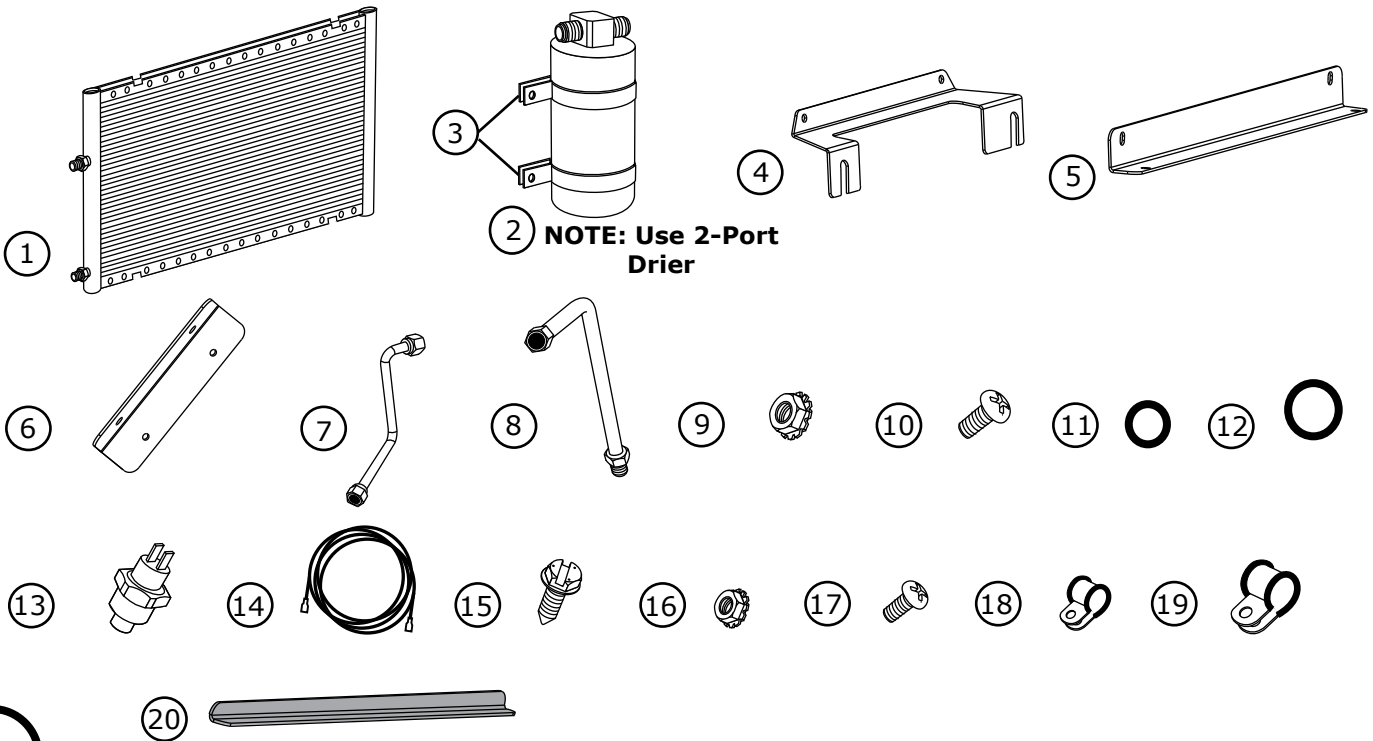
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## Packing List: Condenser Kit with Drier (012001) 1966-77 Ford Bronco with V8 Core Support

No.	Qty.	Part No.	Description
1.	1	037031	Parallel Flow Condenser 16" x 18"
2.	1	07321-VUC	Drier (2-Port)
3.	2	07113-VUB	Drier Clamp
4.	1	648164	Bracket 66-77 Bronco V8 Upper Condenser
5.	1	648163	Bracket 66-77 Bronco V8 Lower Condenser
6.	1	648165	Bracket 66-77 Bronco Drier
7.	1	086008	Hardline 66-77 Bronco V8 #6 Condenser/Drier
8.	1	086009	Hardline 66-77 Bronco V8 #8 Condenser/Compressor
9.	4	18260-VUB	10-24 Nut with Star Washer
10.	4	18249-VUB	10-24 x 3/8" Pan Head Screw
11.	2	33857-VUF	#6 O-ring
12.	1	33858-VUF	#8 O-ring
13.	1	11079-VUS	Male Binary Switch
14.	1	23135-VUW	Compressor Lead
15.	6	18247-VUB	#10 x 1/2" Sheet Metal Screw
16.	1	18251-VUB	10-32 Nut with Star Washer
17.	1	18250-VUB	10-32 x 1/2" Pan Head Screw
18.	1	31600-VUD	#2 Adel Clamp
19.	1	31603-VUD	#4 Adel Clamp
20.	12"	331005	Silicone "U" Channel

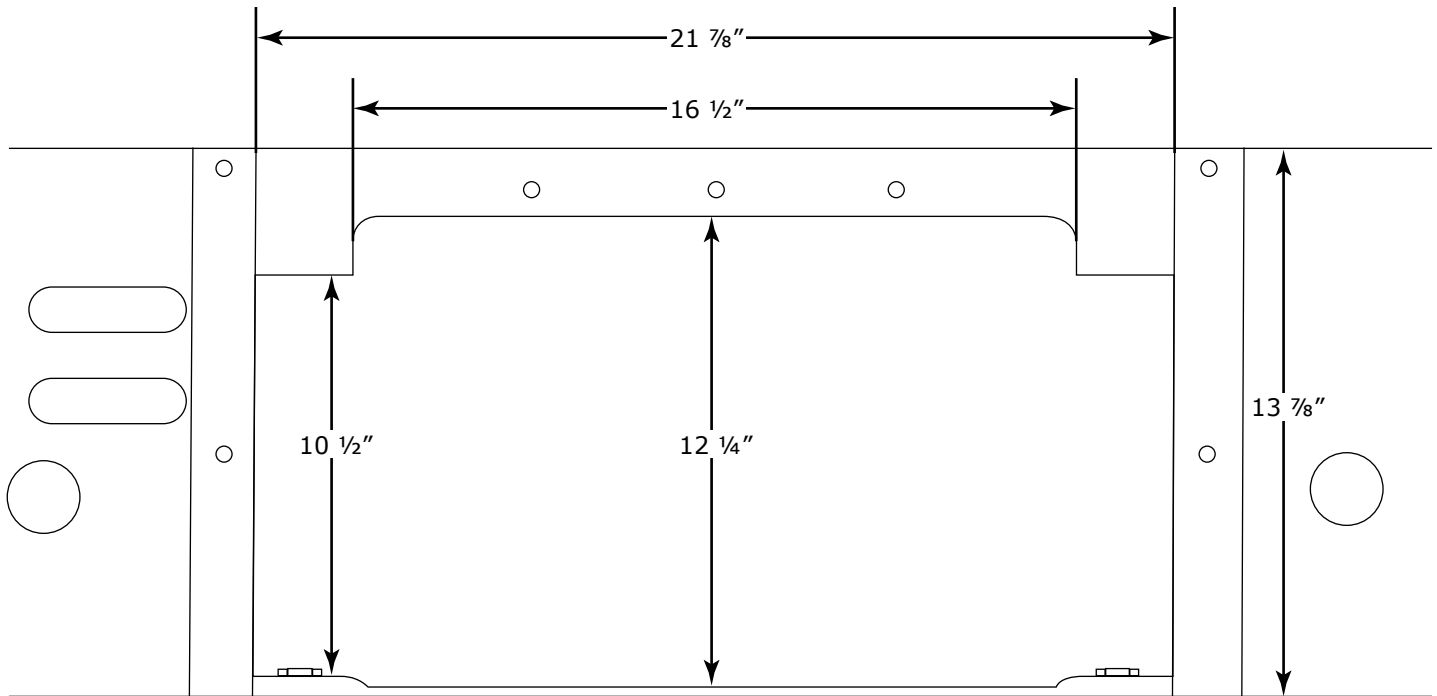
**\*\* Before beginning installation, open all packages and check contents of shipment. Please report any shortages directly to Vintage Air within 15 days. After 15 days, Vintage Air will not be responsible for missing or damaged items.**





## Measurements: 1966-77 Ford Bronco with V8 Core Support

*This kit was developed based on the measurements below, which were taken from a 1972 Bronco V8 core support.*





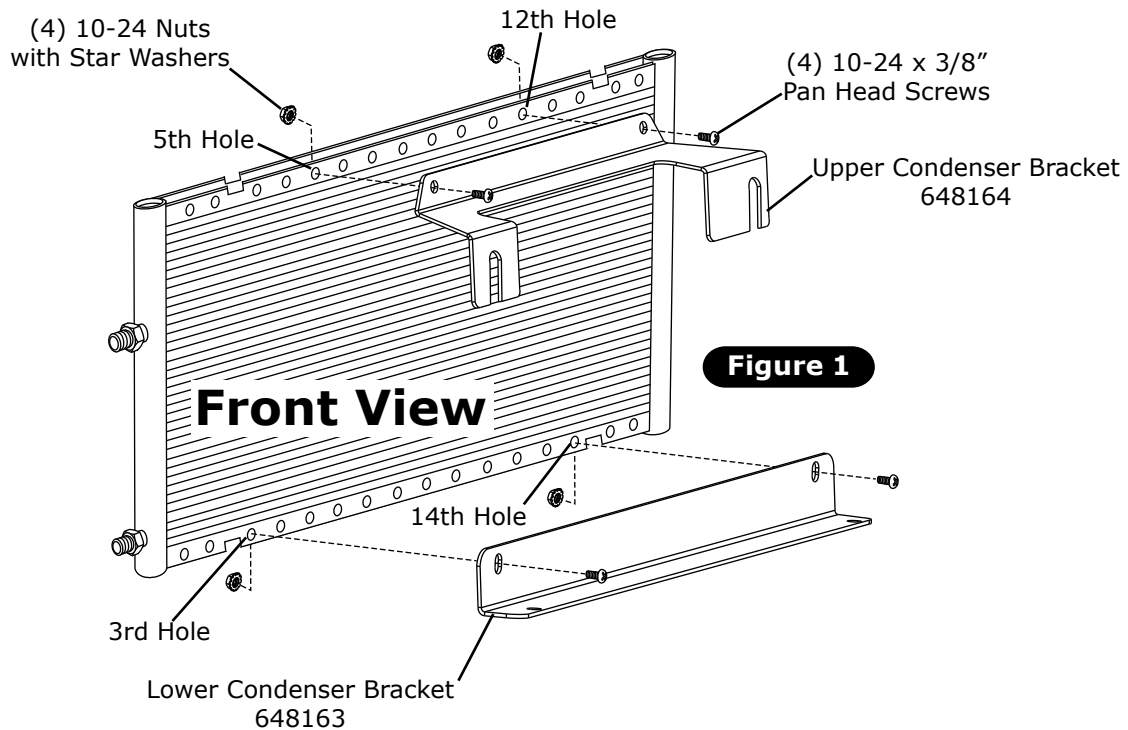
## Engine Compartment

### Remove the Following:

1. Battery and battery tray.
2. Radiator.
3. Fan Shroud.

## Mounting Bracket Installation

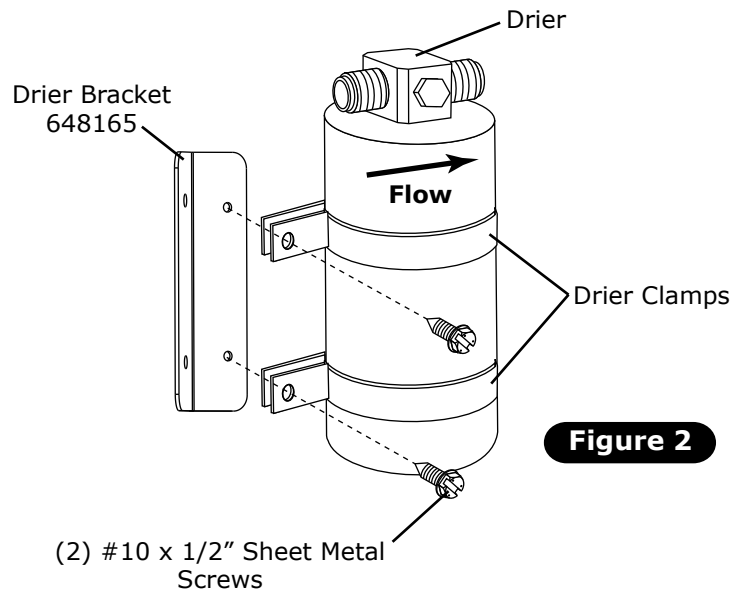
1. Install condenser mounting brackets onto condenser using (4) 10-24 x 3/8" pan head screws and (4) 10-24 nuts with star washers as shown in Figure 1, below. **NOTE: Upper bracket mounts on the 5th and 12th holes from the left side of the condenser. Lower bracket mounts on the 3rd and 14th holes from the left side of the condenser.**





## Drier Bracket Installation

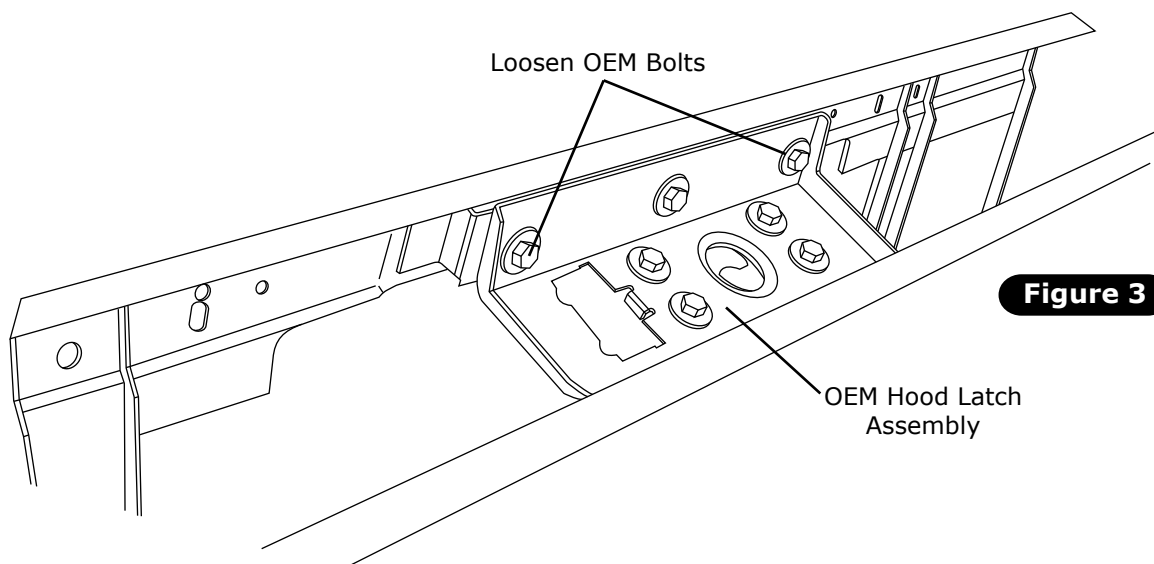
1. Install drier bracket onto drier with drier clamps as shown in Figure 2, below.



**Figure 2**

## Hood Latch Assembly

1. Loosen OEM hood latch assembly bolts as shown in Figure 3, below.

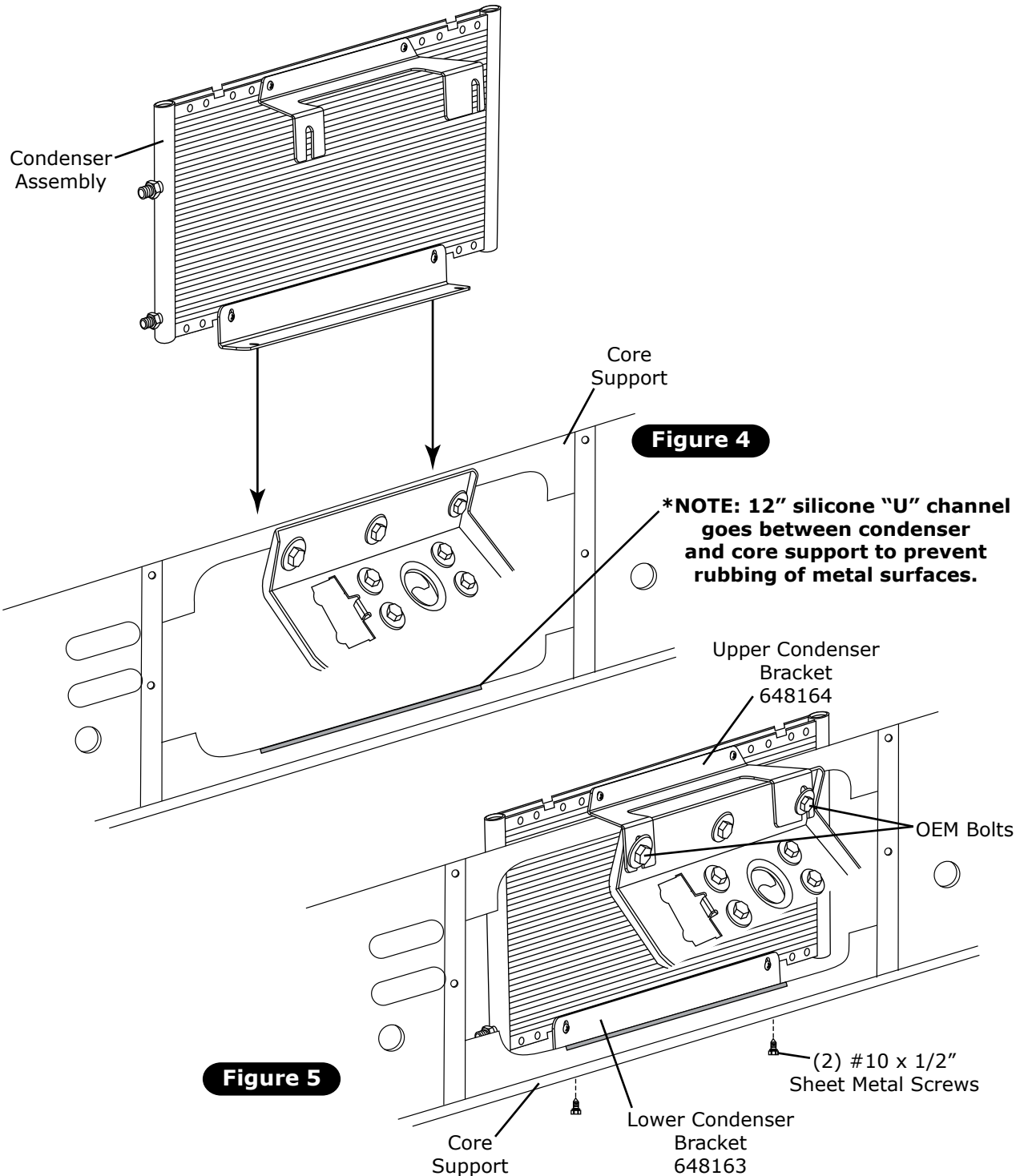


**Figure 3**



## Condenser Installation

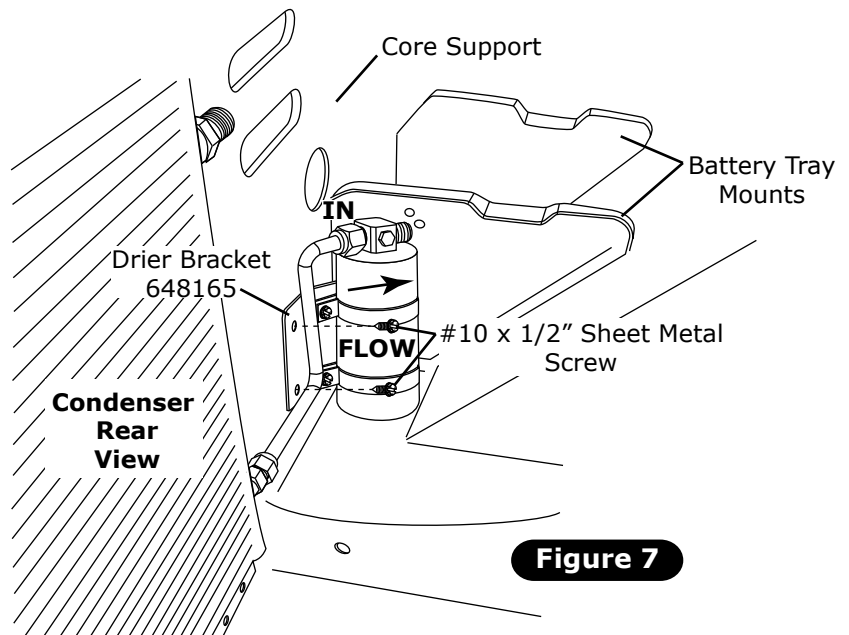
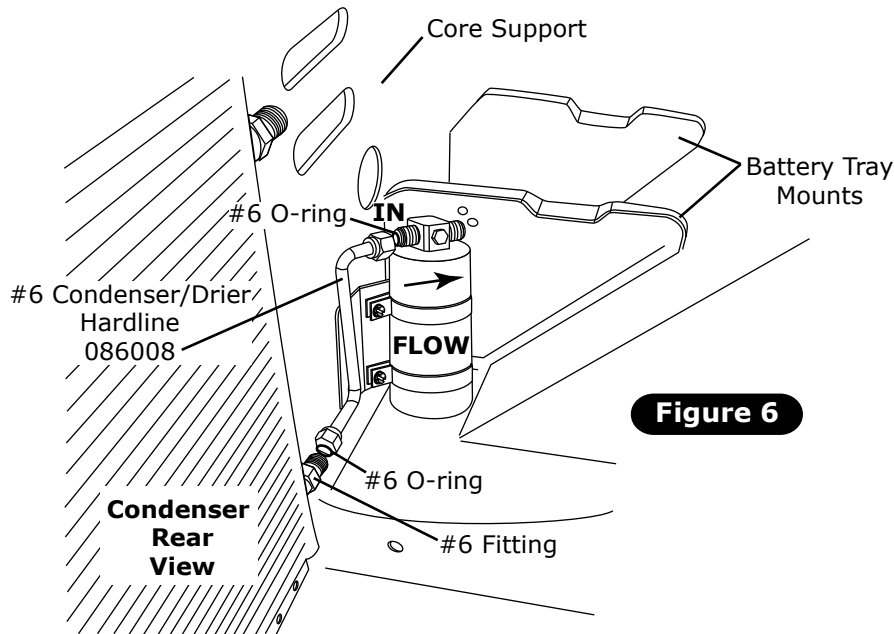
1. Install condenser behind core support as shown in Figure 4, below.
2. Slide upper condenser bracket onto loosened OEM bolts on hood latch assembly as shown in Figure 5, below.
3. Using (2) #10 x 1/2" sheet metal screws secure lower condenser bracket onto core support.





## Hardline & Drier Installation

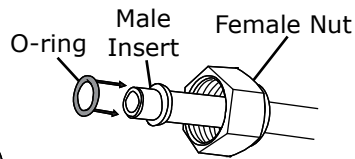
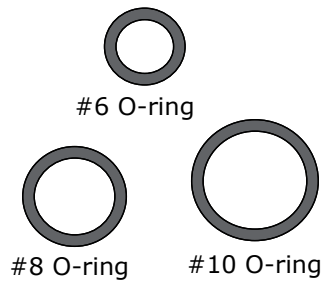
1. Lubricate (2) #6 O-rings as shown in Figure 8, Page 8. Install the #6 condenser/drier hardline as shown in Figure 6, below. Tighten fittings as shown in Figure 8, Page 8.
2. Using drier bracket as a template, drill (2) 9/64" holes and install (2) #10 x 1/2" sheet metal screws to secure drier onto core support as shown in Figure 7, below. **NOTE: Refrigerant flow through drier is IN from condenser, OUT to evaporator.**







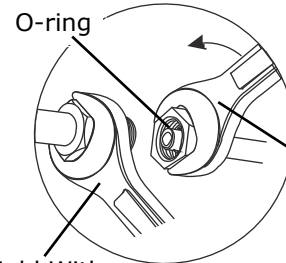
## Lubricating O-rings



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

Supplied Oil for O-rings

O-ring Installs Over Male Insert to Swaged Lip



**Figure 8**

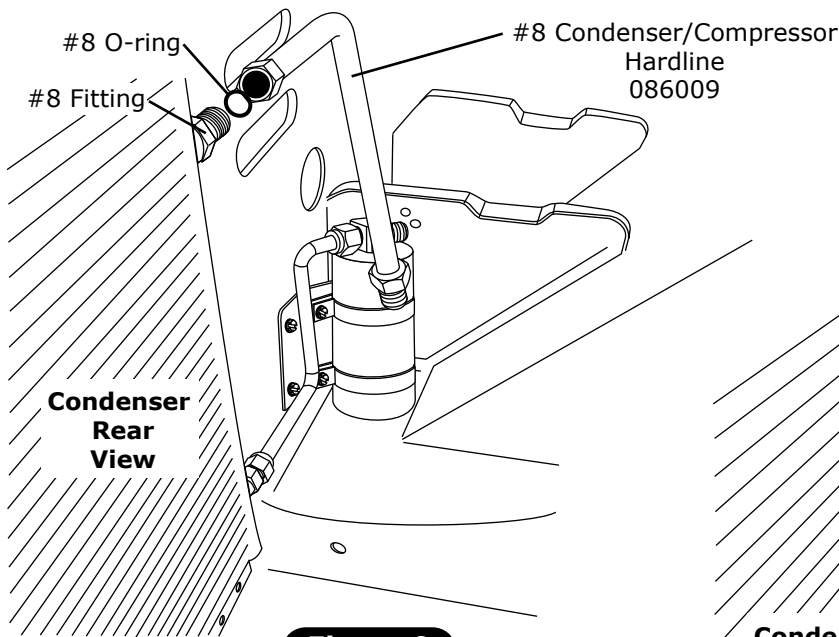
Twist With This Wrench

Hold With This Wrench

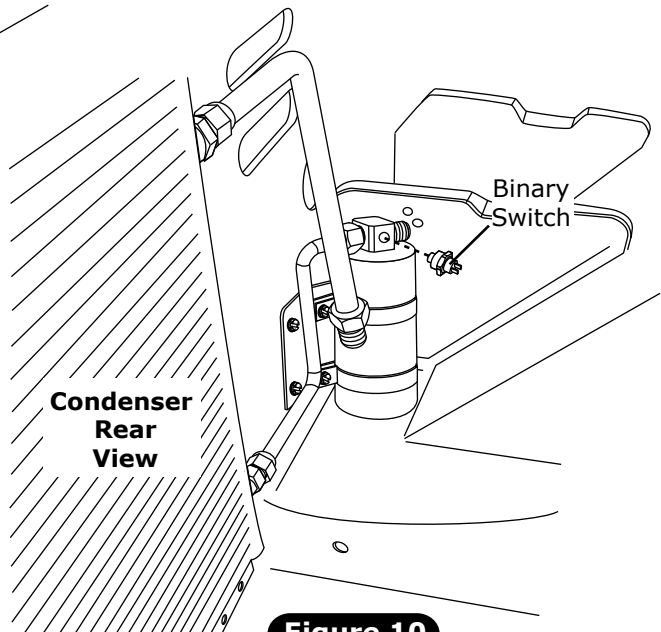
**NOTE: Standard torque specifications:**  
**#6: 11 to 13 ft-lb.**  
**#8: 15 to 20 ft-lb.**  
**#10: 21 to 27 ft-lb.**

## Hardline & Binary Switch Installation

1. Lubricate a #8 O-ring as shown in Figure 8, above. Install #8 condenser/compressor hardline as shown in Figure 9, below. Tighten fitting as shown in Figure 8, above.
2. Install binary switch onto drier as shown in Figure 10, below.



**Figure 9**

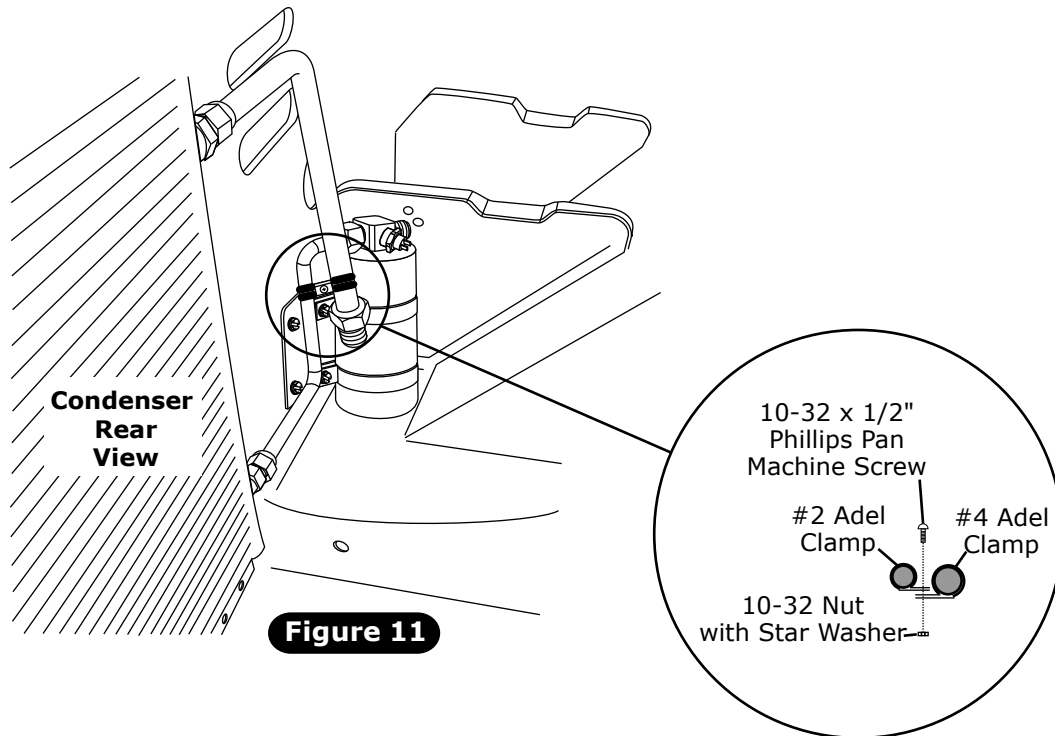


**Figure 10**



## Hardline Installation (Cont.)

1. Using a #2 and a #4 Adel clamp, secure the #6 and #8 hardlines together as shown in Figure 11, below.







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18.	1	31600-VUD	#2 Adel Clamp
19.	1	31603-VUD	#4 Adel Clamp
20.	12"	331005	Silicone "U" Channel

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

