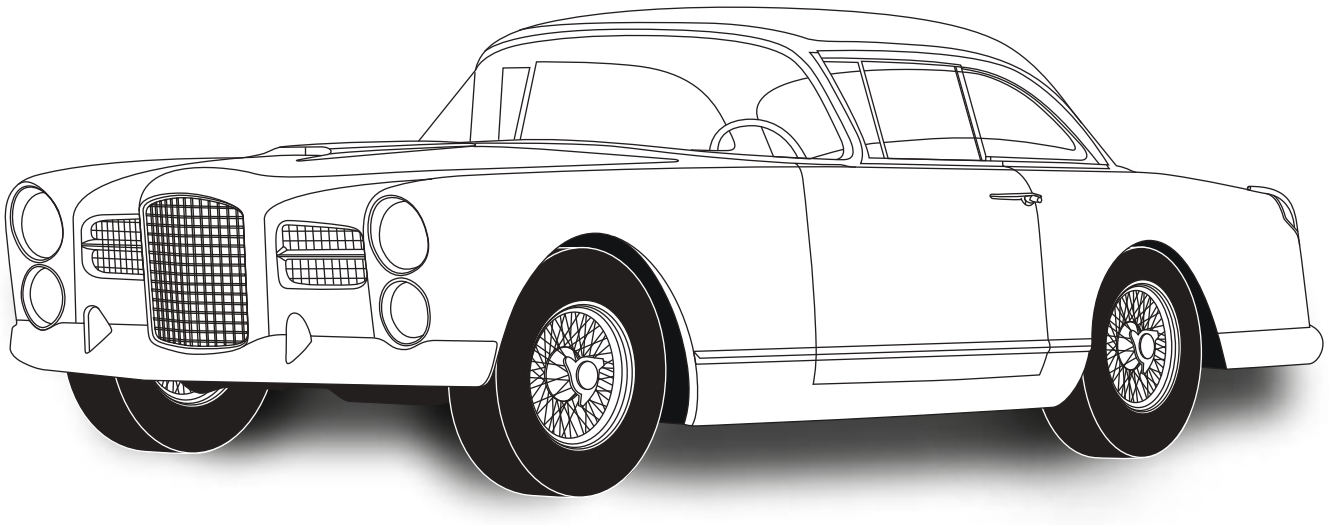
an ISO 9001:2008 Registered Company

Facel Vega

Fan Shroud Kit
371254

Fits:
FV3B (1957-58)
FV4 (1957-58)



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

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Packing List: Fan Shroud Kit (371254)

No.	Qty.	Part No.	Description
1.	1	647049	Fan Shroud Bracket Assembly, Facel Vega
2.	1	191040	Fan Shroud Hardware Kit, Facel Vega
3.	2	320050	Fan, Spal, 12”
4.	1	23102-VUW	Wiring Kit, Electric Fan
5.	1	231360	Wiring Assembly Interface, Twin Fan
6.	4	23119-VUW	Terminal, 1/4” Male
7.	4	23172-VUW	Terminal, 1/4” Female

**** 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.**

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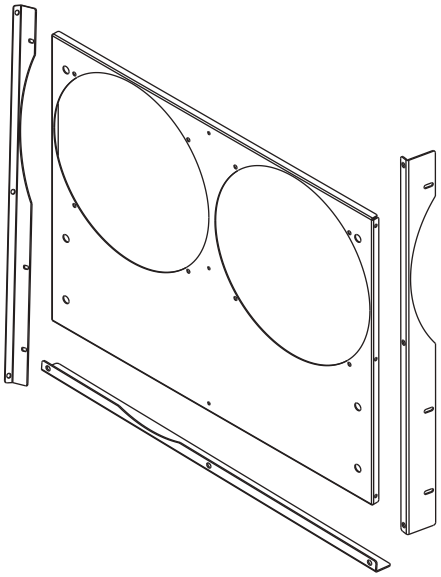

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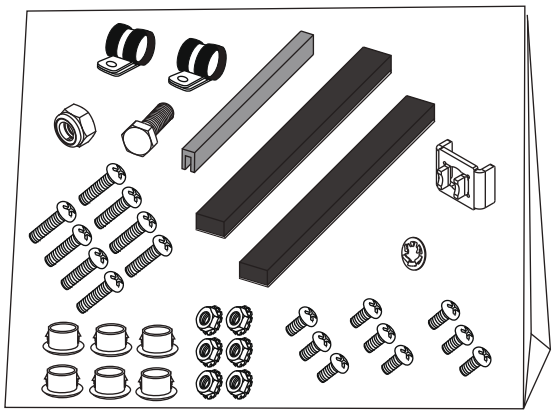

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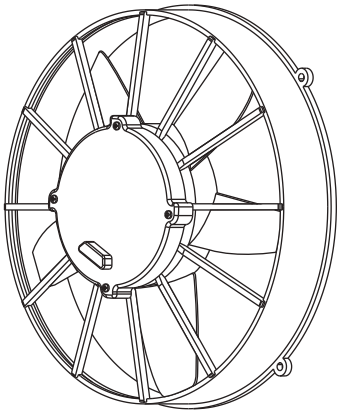

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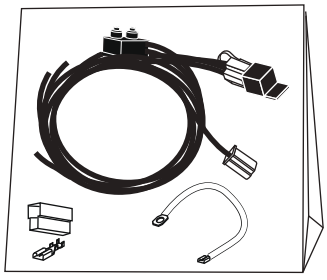

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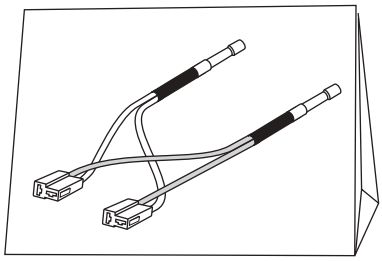

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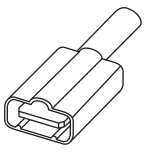

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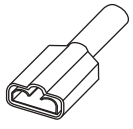


NOTE: Images may not depict actual parts and quantities.
Refer to packing list for actual parts and quantities.

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. Disconnect Battery.

2. Drain radiator.

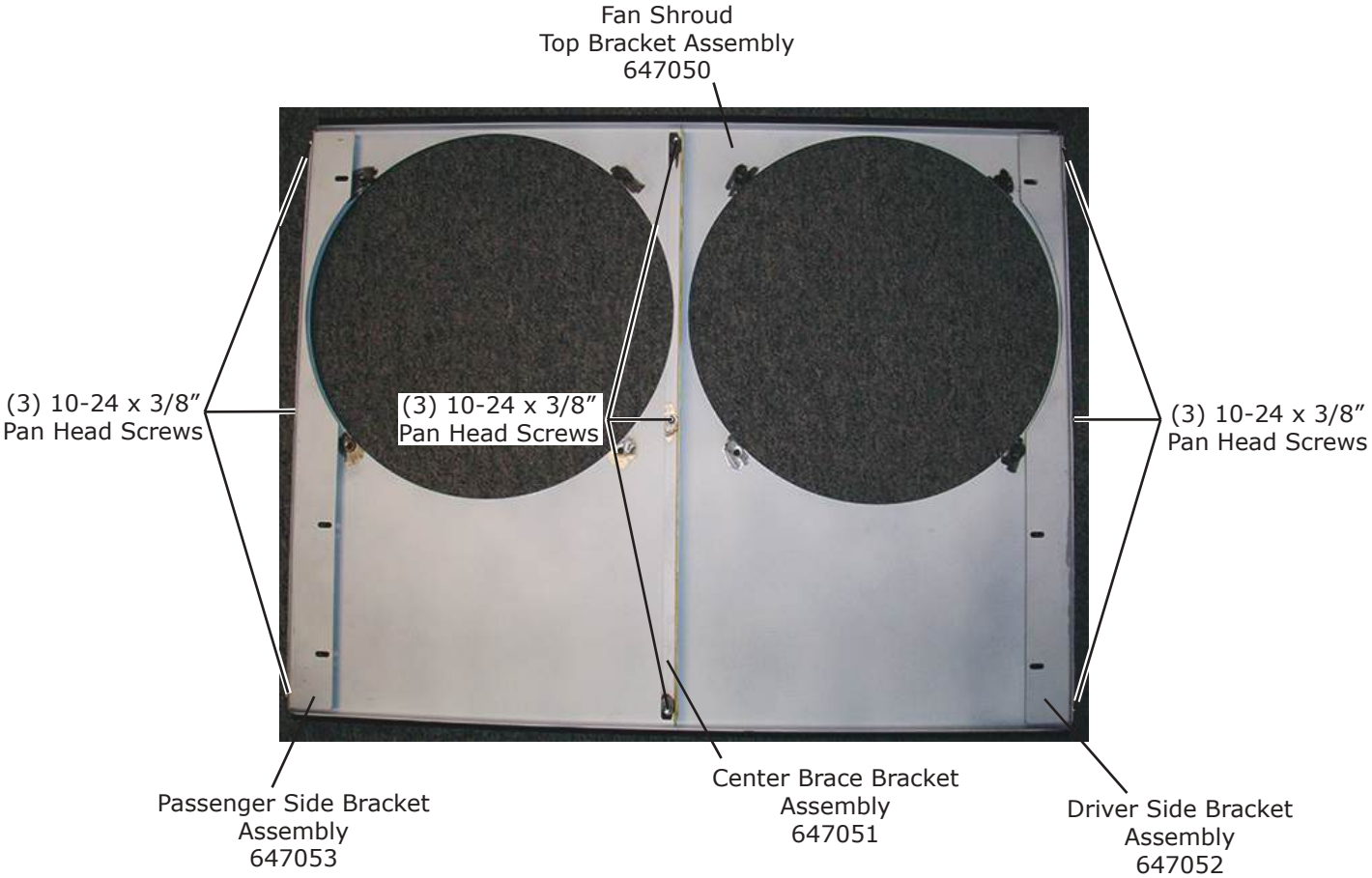
3. Remove grill (retain).

4. Remove radiator cap and upper radiator panel (retain).

5. Remove radiator (retain radiator lower mounting tab bolts).

Fan Shroud Assembly

1. Connect fan shroud bracket assemblies as shown below.



Radiator Modification

1. Place fan shroud assembly on top of radiator. Then, using (6) holes on fan shroud assembly, center punch or scribe marks through holes onto radiator side flange.
2. Remove fan shroud assembly and drill 3/16” holes through center-punched or scribed marks on radiator side flanges.

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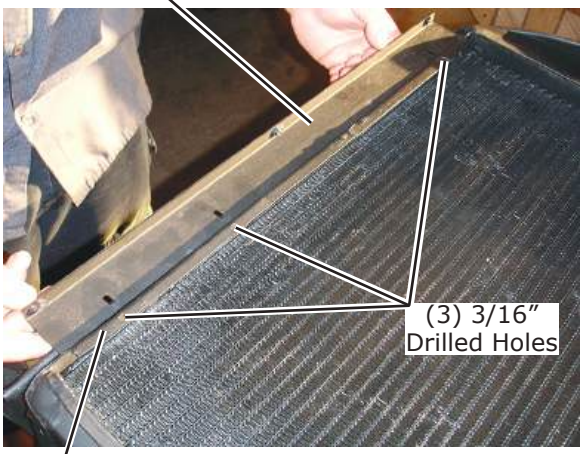
Fan Shroud Assembly Installation

1. Remove fan shroud driver- and passenger-side bracket assemblies from fan shroud assembly.

2. As shown below, align fan shroud driver- and passenger-side bracket assemblies with 3/16” holes that were drilled into radiator side flanges.

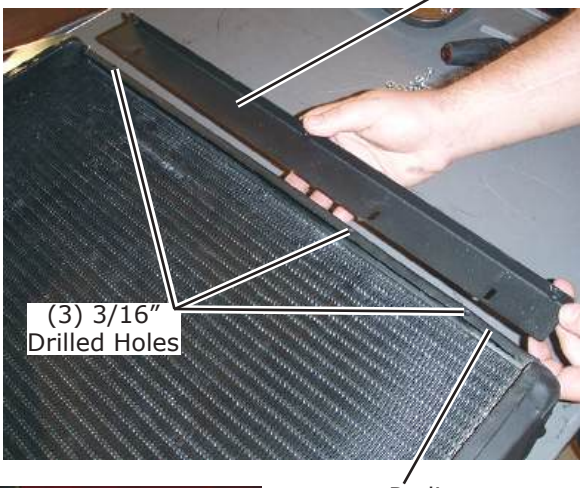
3. Install fan shroud driver- and passenger-side bracket assemblies using (6) 10-24 x 3/8” pan head screws and (6) 10-24 nuts as shown below.

Fan Shroud Driver-Side Bracket Assembly 647052



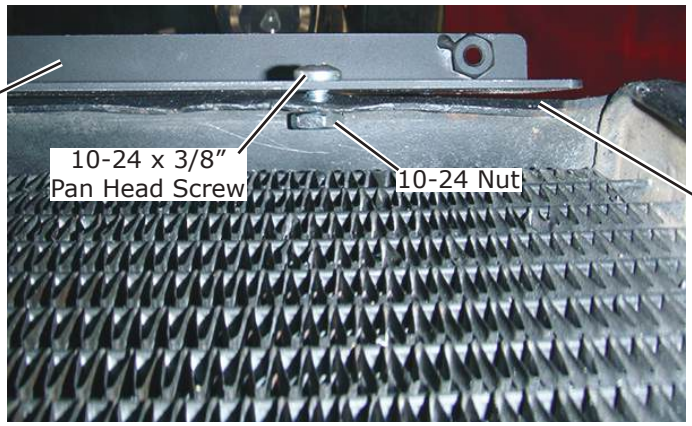
Radiator Side Flange

Fan Shroud Passenger-Side Bracket Assembly 647053



Radiator Side Flange

Fan Shroud Driver-Side Bracket Assembly 647052



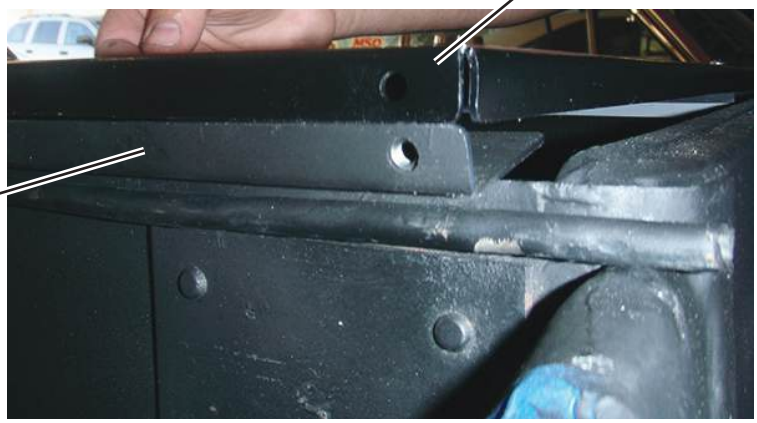
Radiator Side Flange

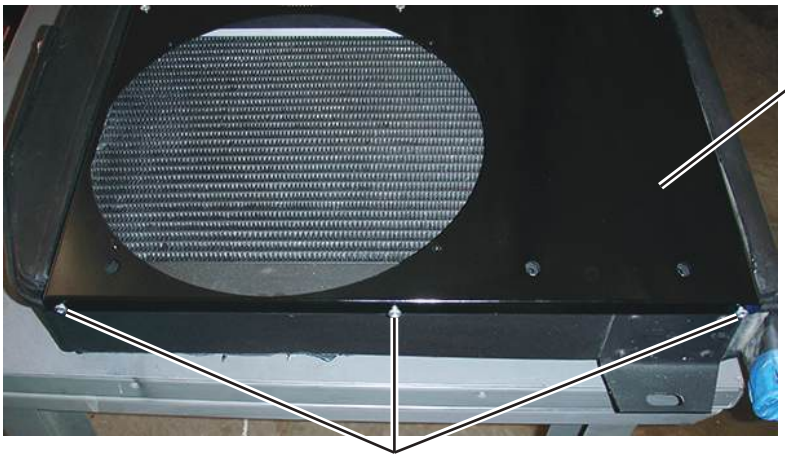
Fan Shroud Driver-Side Bracket Assembly 647052

Fan Shroud Passenger-Side Bracket Assembly 647053

Fan Shroud Assembly Installation (Cont.)

1. Apply a silicone-based sealant on fan shroud center brace bracket assembly, and place silicone U-channel on top as shown below.
2. As shown below, align fan shroud top bracket assembly with driver and passenger side bracket assemblies, and secure with (6) 10-24 x 3/8” pan head screws.





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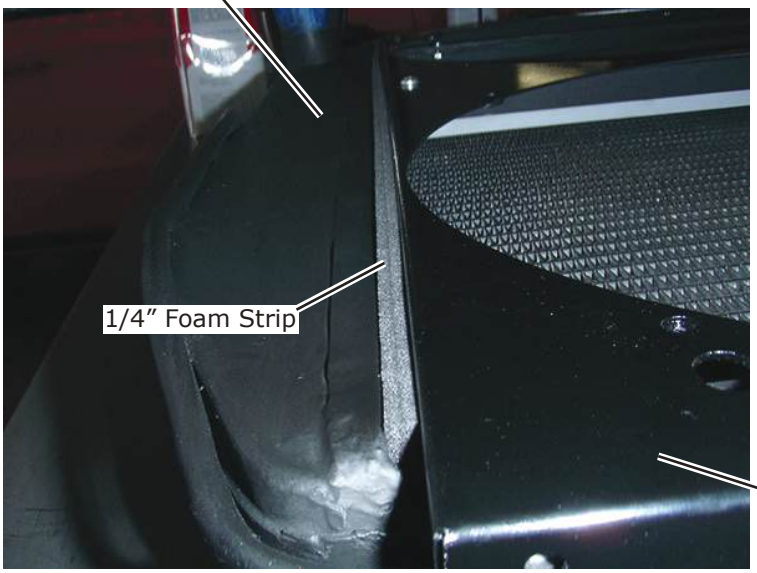
Foam and Hole Plug Installation

1. Cut 52” foam strip into (2) 26” pieces, and install on the top and bottom of radiator as shown below.
2. Install (6) 1/2” hole plugs into holes shown below.



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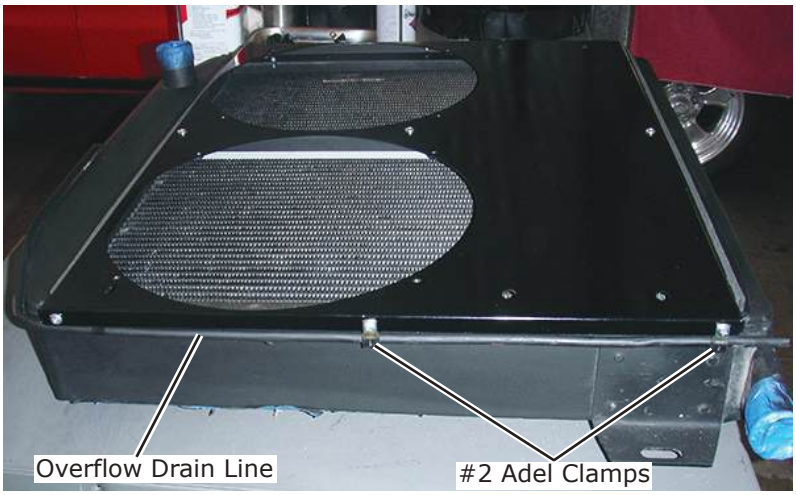
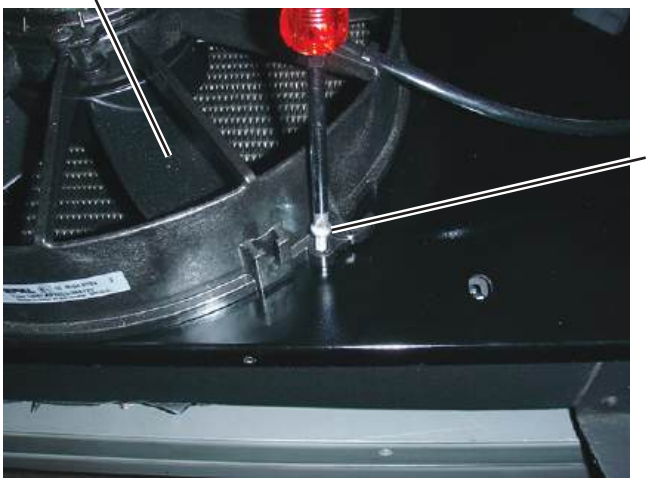
Adel Clamp & Fan Installation

1. Secure overflow drain line with (2) #2 Adel clamps as shown below.
2. Install (2) fans onto fan shroud top bracket assembly using (8) 10-24 x 3/4" pan head screws as shown below.





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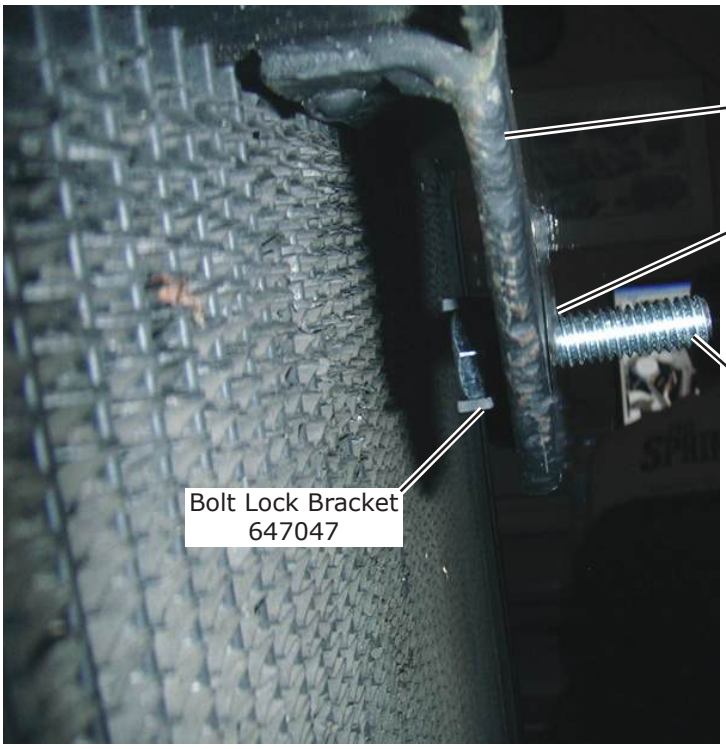
Top Mounting Bracket and Radiator Assembly Installation

1. Install 5/16-18 x 1” hex bolt, bolt lock bracket and 5/16” push nut bolt retainer onto top mounting bracket of radiator as shown below.
2. Install radiator assembly into vehicle using OEM hardware on lower mounting brackets of radiator. Secure top mounting bracket of radiator using 5/16-18 nylon locknut.



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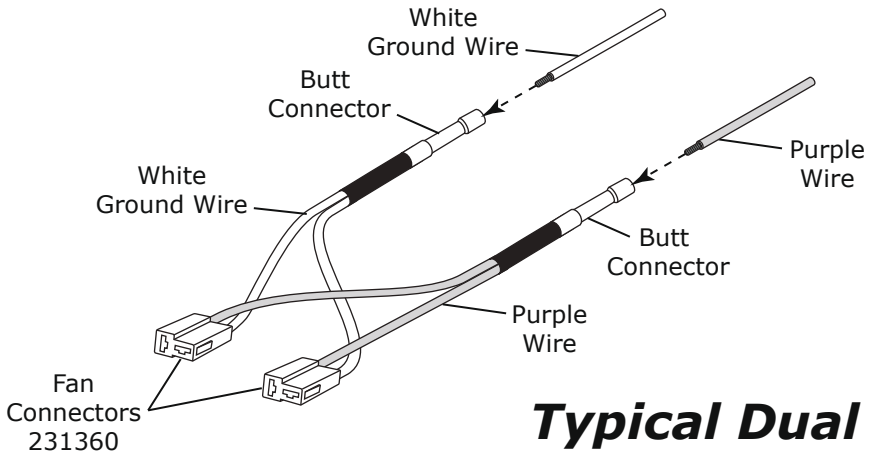
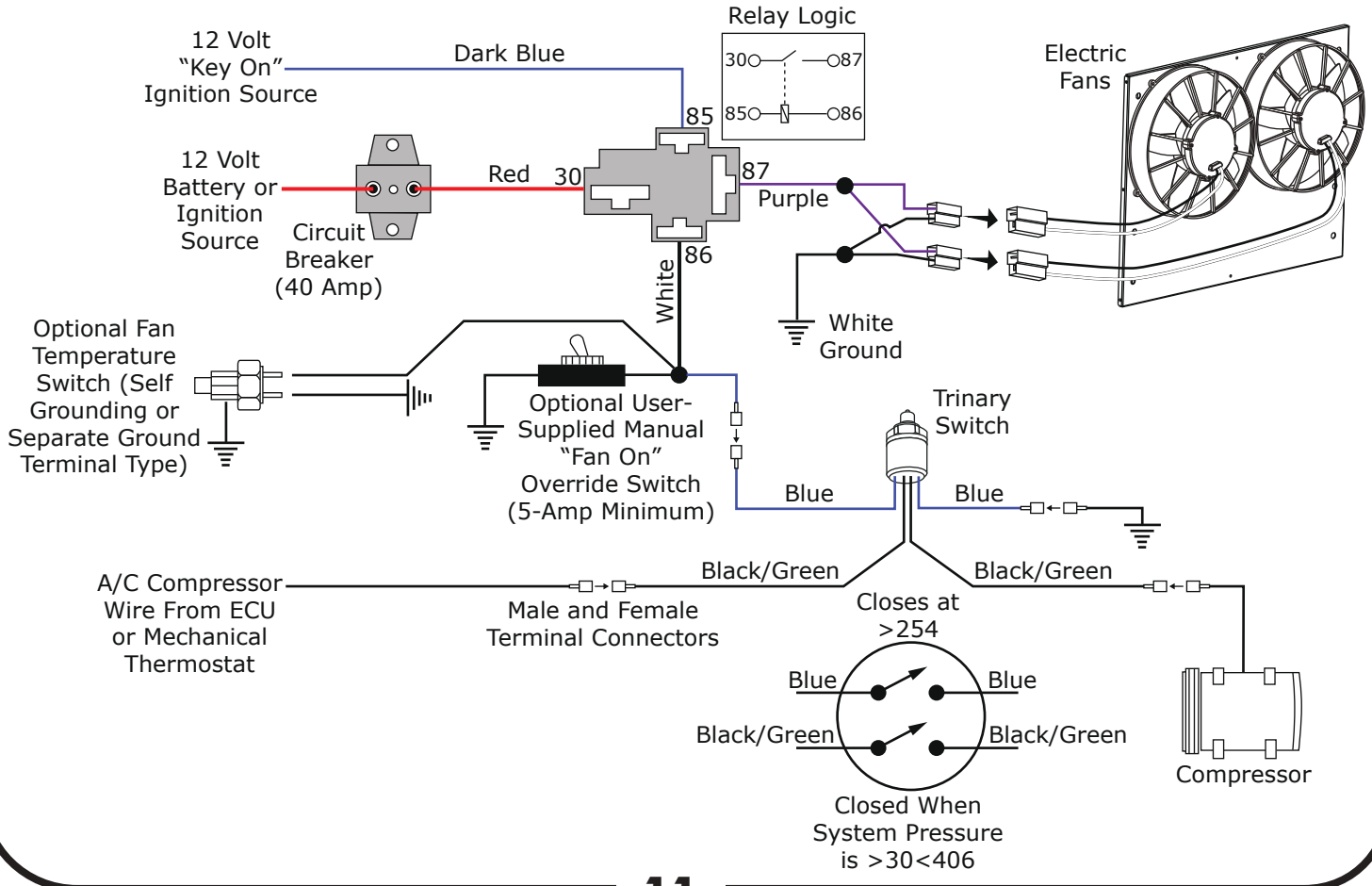
Dual Fan Wiring Harness Installation

1. Use butt connectors to connect the white ground wires and purple wires as shown below. Crimp butt connectors with proper crimp tool. **NOTE: Butt connectors are heat shrink type. Once crimped, shrink over wires with heat gun.**
2. Use (4) male and (4) female terminal connectors to connect the trinary switch as shown in the wiring diagram below. Crimp terminal connectors with proper crimp tool.
3. Plug the fan connectors into the fans.
4. Wire according to the wiring diagram below.



Typical Dual Electric Fan Relay Wiring with Trinary Switch



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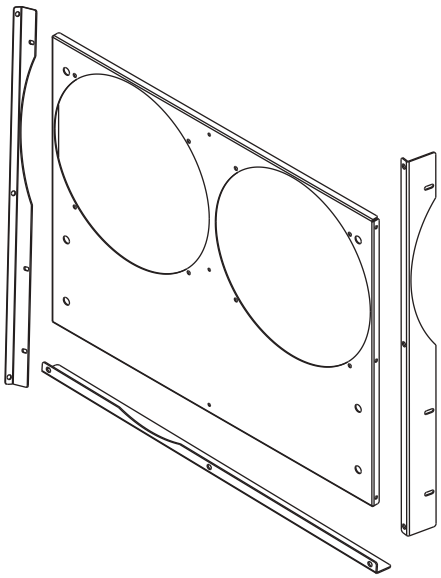
Checked By: _____

Packed By: _____

Date: _____

1



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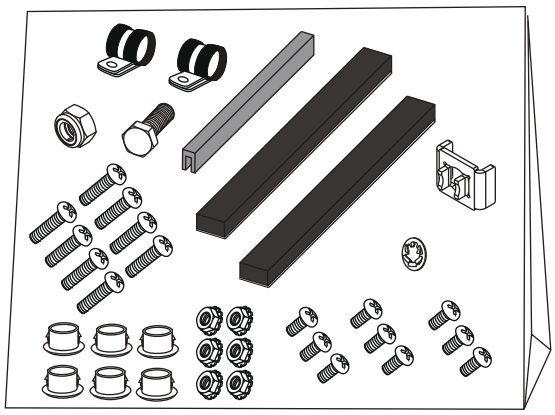

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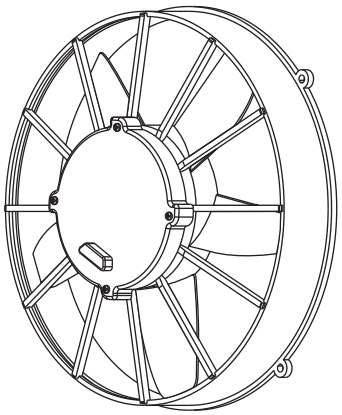

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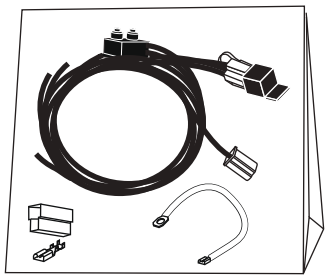

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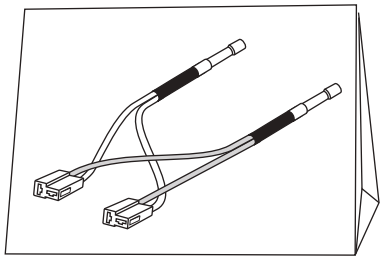

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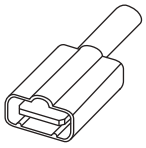

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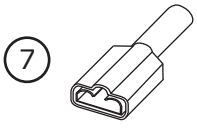

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