

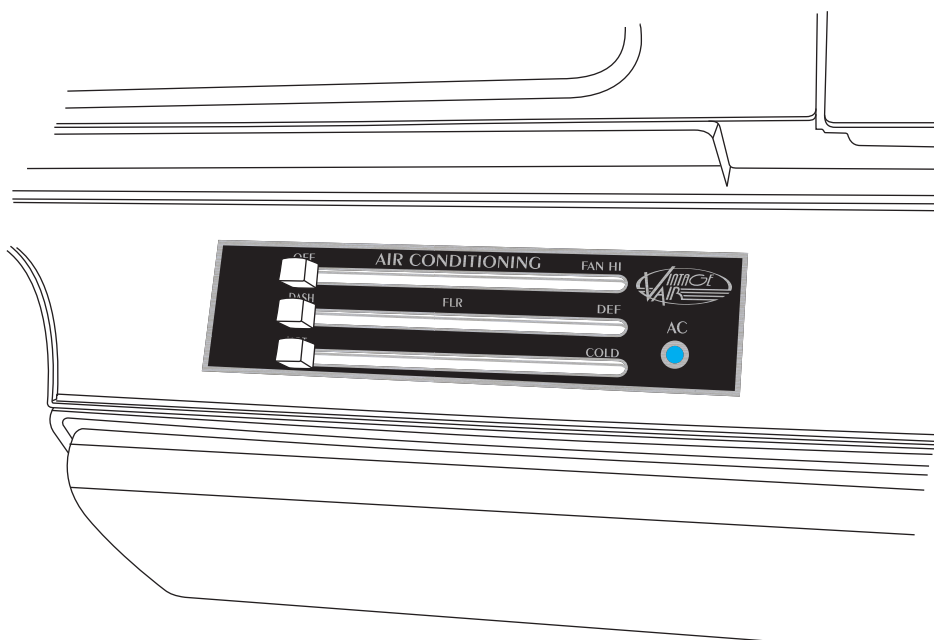


an ISO 9001:2008 Registered Company

# 1968-69 CUTLASS

CONTROL PANEL CONVERSION KIT

473079





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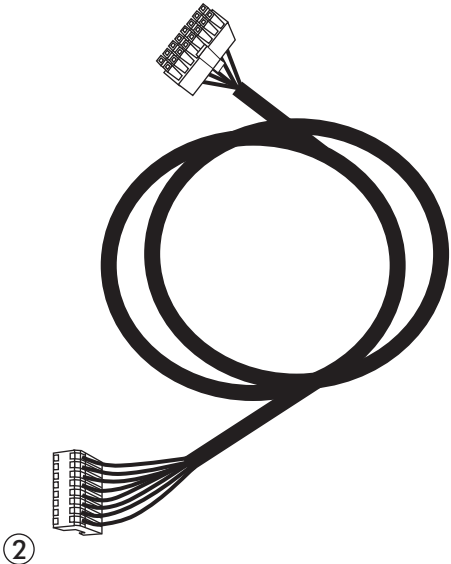
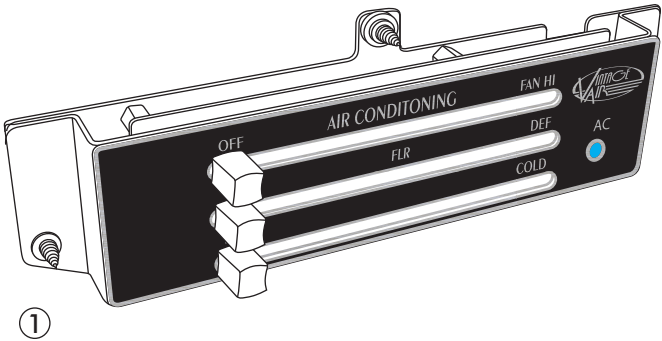


# CONTROL KIT PACKING LIST

CONTROL KIT  
473079

No	QTY	PART No.	DESCRIPTION
1.	1	473078	68-69 CUTLASS CONTROL PANEL ASM
2.	1	232007-VUR	GEN IV UNIVERSAL CONTROL HARNESS

**\*\* 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.**

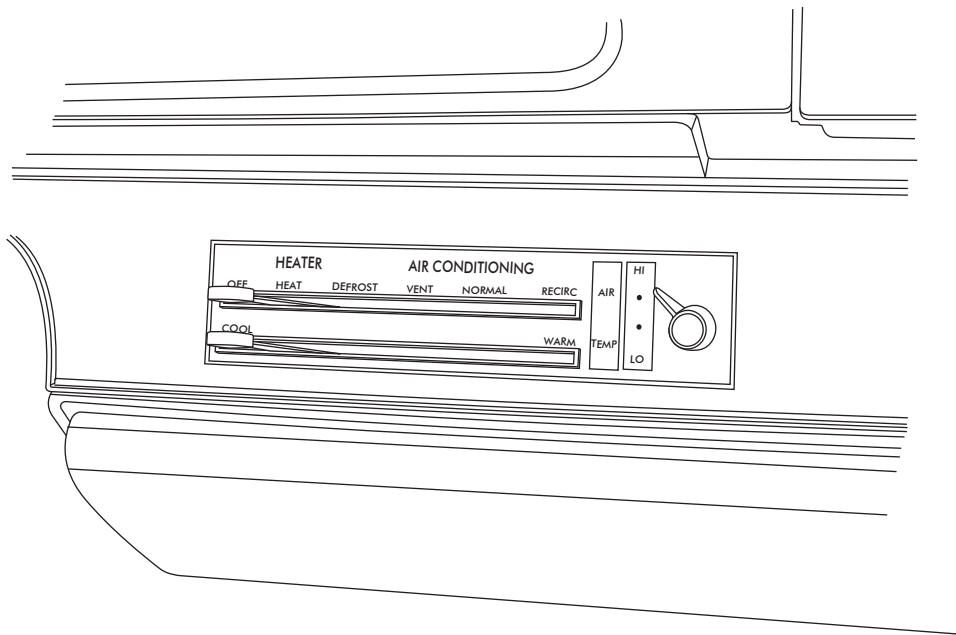


**NOTE: IMAGES MAY NOT DEPICT ACTUAL PARTS AND QUANTITIES.  
REFER TO PACKING LIST FOR ACTUAL PARTS AND QUANTITIES**



## REMOVING OEM CONTROL PANEL

- ☐ DISCONNECT BATTERY GROUND CABLE.
- ☐ DISCONNECT ALL WIRE AND CABLES FROM CONTROL PANEL.
- ☐ REMOVE CONTROL PANEL FROM DASH BY REMOVING (3) OEM SCREWS.

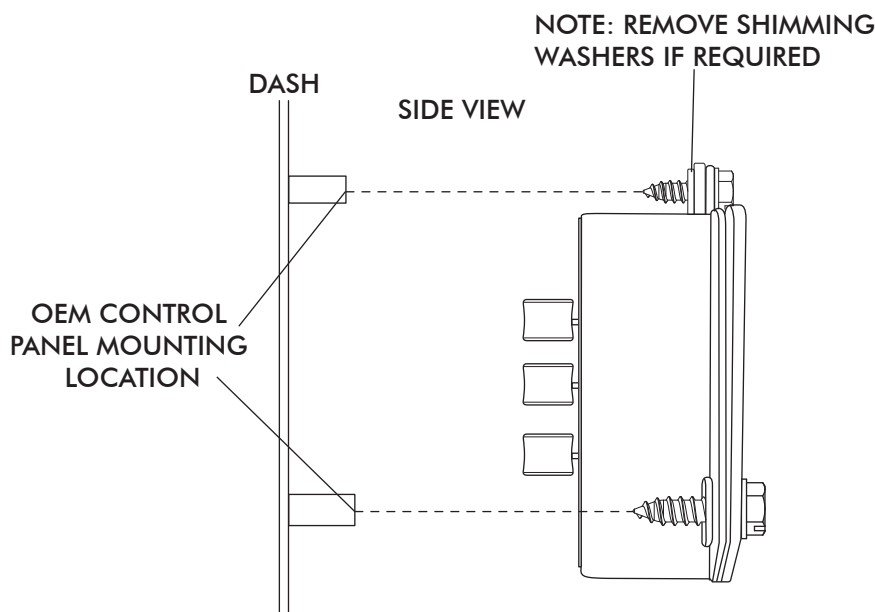


**FIGURE 1**

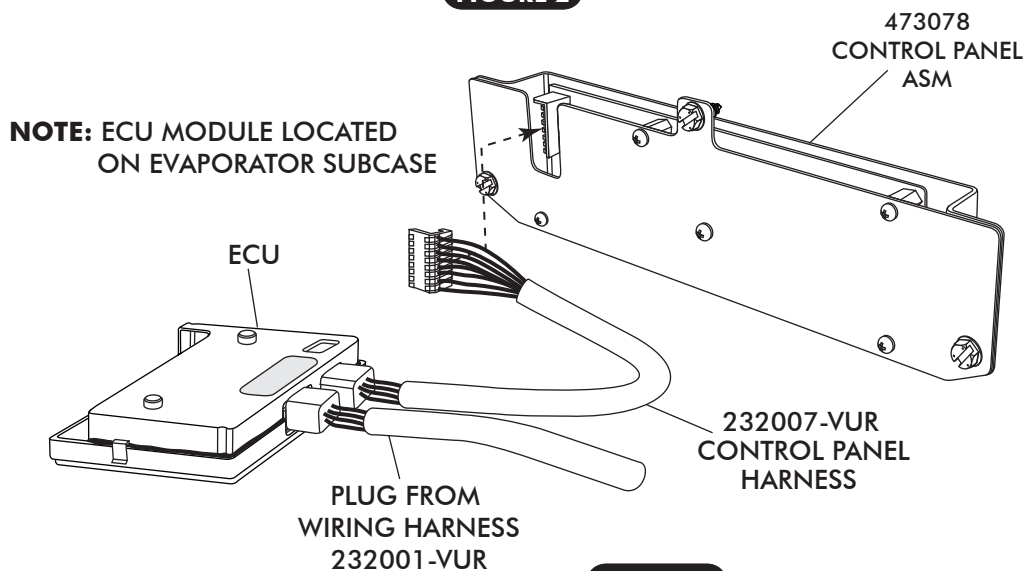


## CONTROL PANEL AND CONTROL HARNESS INSTALLATION

- INSTALL CONTROL PANEL ASM IN THE OEM MOUNTING LOCATION USING NUT DRIVER. TAKE CARE NOT TO SCUFF CONTROL PANEL FACE DURING INSTALLATION. (SEE FIGURE 2 BELOW.)
- CONTROL PANEL FACE INTENDED TO POSITION JUST SHY OF FLUSH OF INSTRUMENT PANEL. **NOTE: REMOVE SHIMMING WASHERS AS REQUIRED TO ADJUST CONTROL PANEL FLUSHNESS AND ACCOMMODATE VARIATIONS IN FACTORY DASH TOLERANCE.**
- PLUG THE CONTROL PANEL HARNESS INTO ECU AS SHOWN IN FIGURE 3 BELOW. PLUG THE OPPOSITE END OF THE HARNESS INTO THE CONTROL PANEL PC BOARD AS SHOWN IN FIGURE 3 BELOW.



**FIGURE 2**

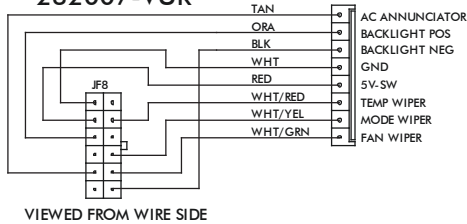


**FIGURE 3**

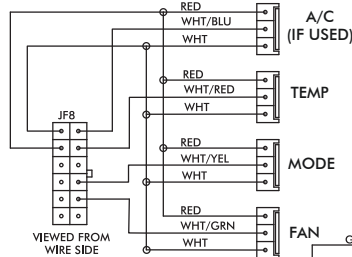


## Wiring Diagram

### 232007-VUR

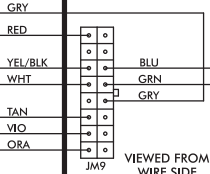


### 232002-VUA

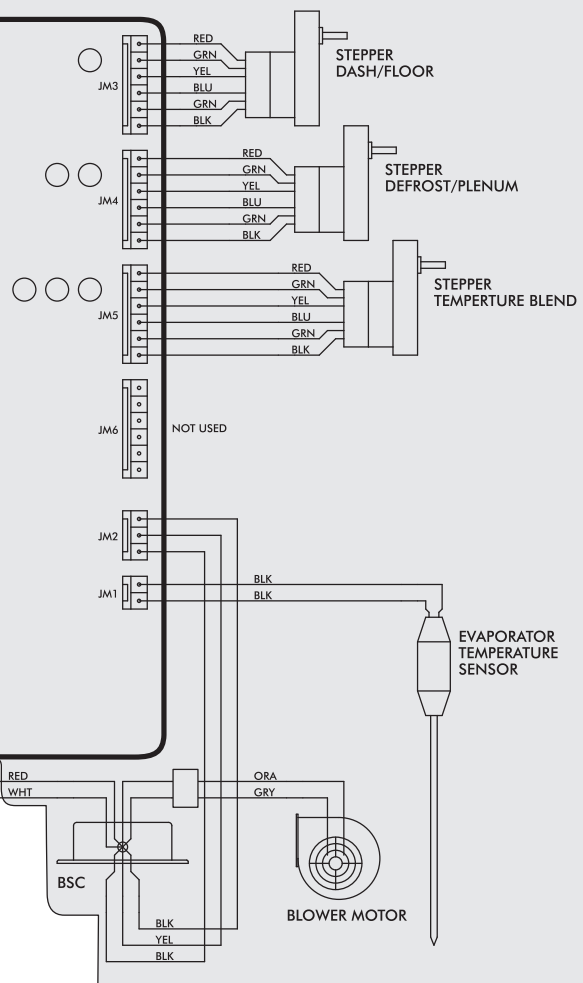


### GEN IV ECU

GEN IV WIRING DIAGRAM  
REV D, 5/6/2014



### PRE-WIRED



**PROGRAM**  
N/A  
\* DASH LAMP  
(IF USED)

\*\*\* WIDE OPEN  
THROTTLE  
SWITCH  
(OPTIONAL)

IGNITION SWITCH  
+ 12v

\*\* CIRCUIT  
BREAKER  
30 AMP

COMPRESSOR  
RELAY

BINARY  
OR TRINARY  
SAFETY  
SWITCH

CMR

HEATER  
CONTROL VALVE

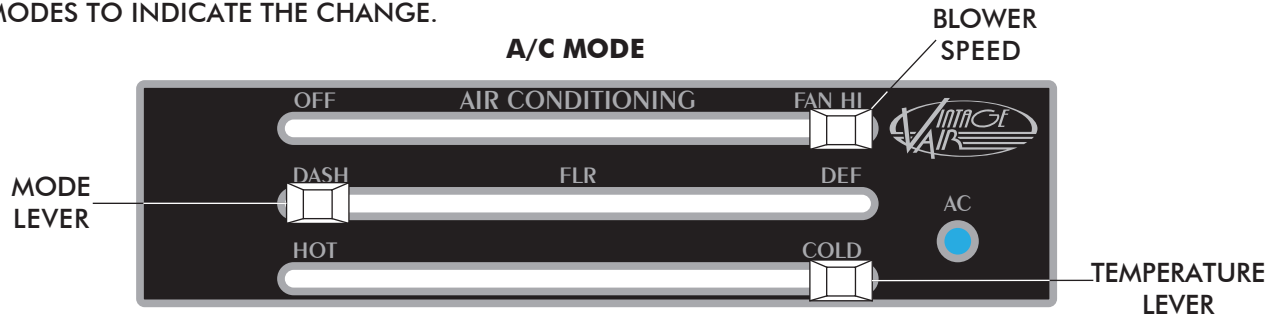
NOTE: = CHASSIS GROUND

- Dash Lamp Is Used Only With Type 232007-VUR Harness.
- Warning: Always Mount Circuit Breaker As Close to the Battery As Possible. (NOTE: Wire Between Battery and Circuit Breaker Is Unprotected and Should Be Carefully Routed to Avoid a Short Circuit).
- Wide Open Throttle Switch Contacts Close Only at Full Throttle, Which Disables A/C Compressor.



## OPERATION OF CONTROLS

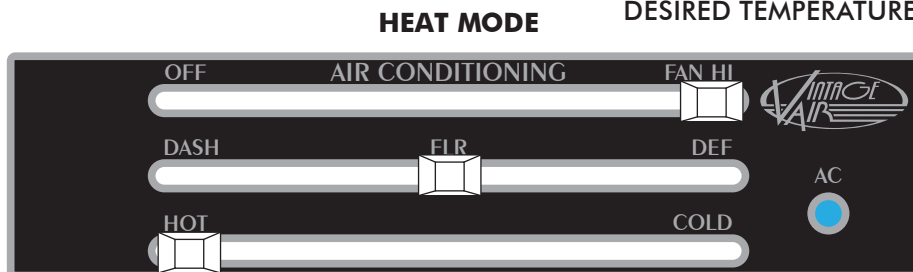
ON GEN 4 SYSTEMS WITH THREE LEVER/KNOB CONTROLS, THE TEMPERATURE CONTROL TOGGLES BETWEEN ECONOMY/HEAT AND A/C MODES. TO ACTIVATE A/C, MOVE THE TEMPERATURE LEVER ALL THE WAY TO COLD AND THEN BACK IT OFF TO THE DESIRED VENT TEMPERATURE. FOR ECONOMY/HEAT MODE, MOVE THE TEMPERATURE LEVER ALL THE WAY TO HOT AND THEN ADJUST TO THE DESIRED VENT TEMPERATURE. THE BLOWER WILL MOMENTARILY CHANGE SPEED EACH TIME YOU TOGGLE BETWEEN MODES TO INDICATE THE CHANGE.



**BLOWER SPEED**  
ADJUST TO DESIRED  
SPEED

**MODE LEVER**  
SLIDE THE LEVER ALL  
THE WAY LEFT  
FOR DASH MODE

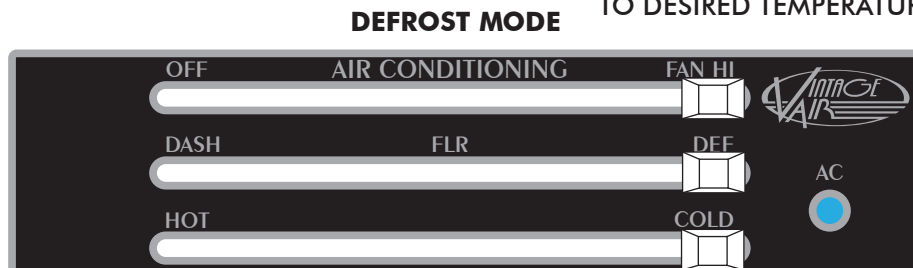
**TEMPERATURE LEVER**  
IN A/C MODE SLIDE THE  
TEMPERATURE LEVER ALL THE  
WAY RIGHT TO ENGAGE  
COMPRESSOR. (SLIDE LEVER  
LEFT OR RIGHT TO ADJUST  
DESIRED TEMPERATURE)



**BLOWER SPEED**  
ADJUST TO DESIRED  
SPEED

**MODE LEVER**  
SLIDE THE LEVER TO  
THE CENTER POSITION  
FOR FLOOR MODE

**TEMPERATURE LEVER**  
SLIDE THE TEMPERATURE  
LEVER ALL THE WAY LEFT  
TO THE HOT POSITION.  
(SLIDE LEVER LEFT OR RIGHT  
TO DESIRED TEMPERATURE)



**BLOWER SPEED**  
ADJUST TO DESIRED  
SPEED

**MODE LEVER**  
SLIDE THE LEVER ALL  
THE WAY RIGHT  
FOR DEF MODE

**TEMPERATURE LEVER**  
ADJUST LEVER TO  
DESIRED TEMPERATURE.  
(COMPRESSOR IS  
AUTOMATICALLY  
ENGAGED)

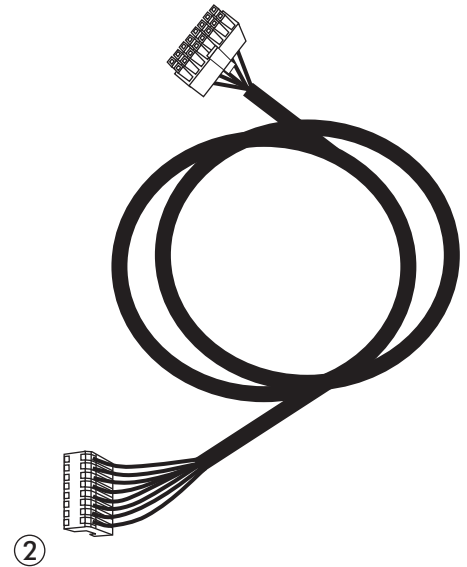
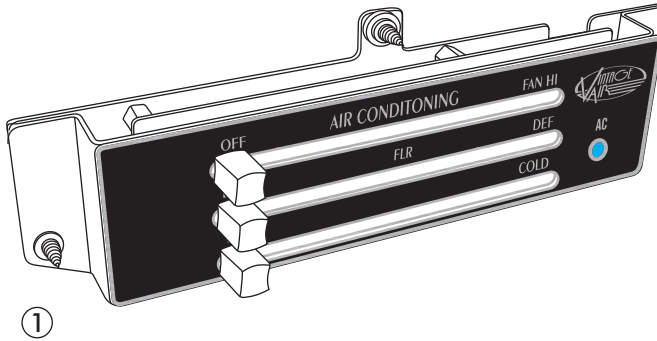


## CONTROL KIT PACKING LIST

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473079

No	QTY	PART No.	DESCRIPTION	
1.	1	473078	68-69 CUTLASS CONTROL PLANEL ASM	_____
2.	1	232007-VUR	GEN IV UNIVERSAL CONTROL HARNESS	_____

CHECKED BY: \_\_\_\_\_  
PACKED BY: \_\_\_\_\_  
DATE: \_\_\_\_\_



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