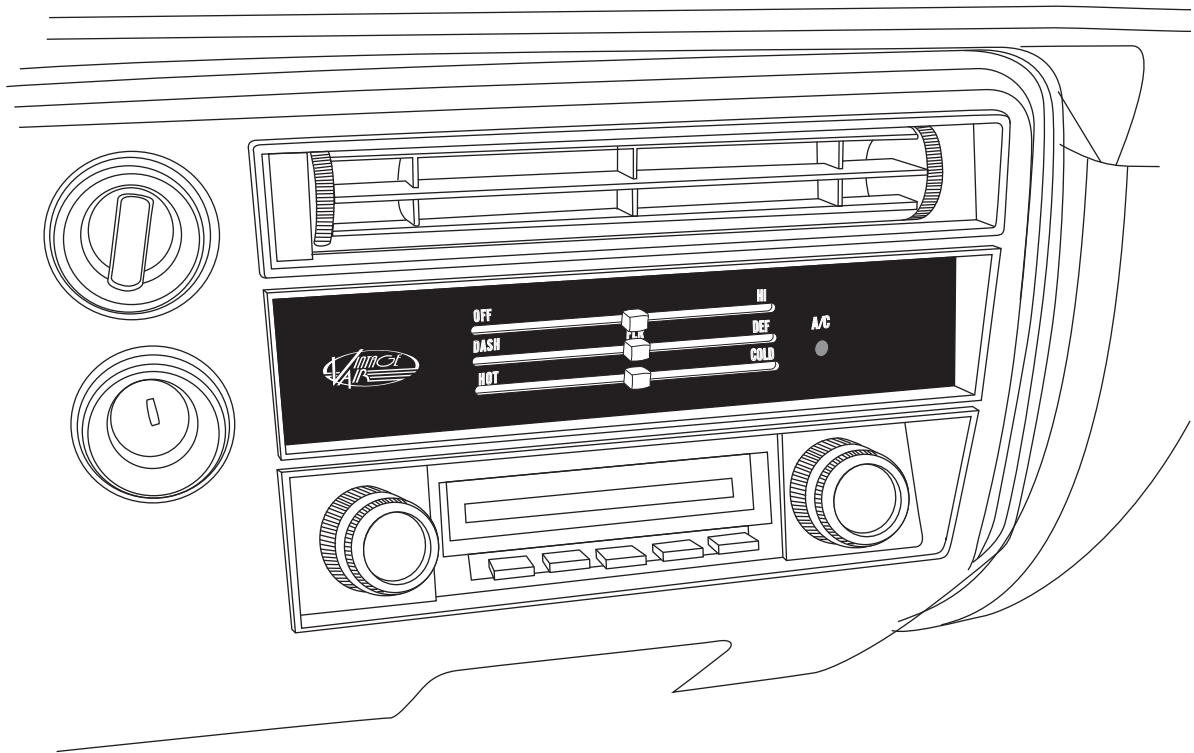




an ISO 9001:2008 Registered Company

# 1968-69 CHEVELLE

CONTROL PANEL CONVERSION KIT  
**473068**





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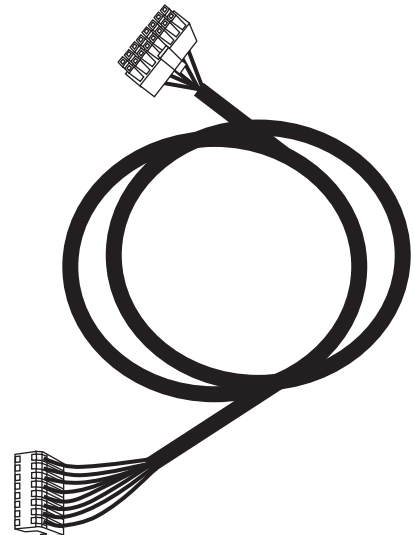
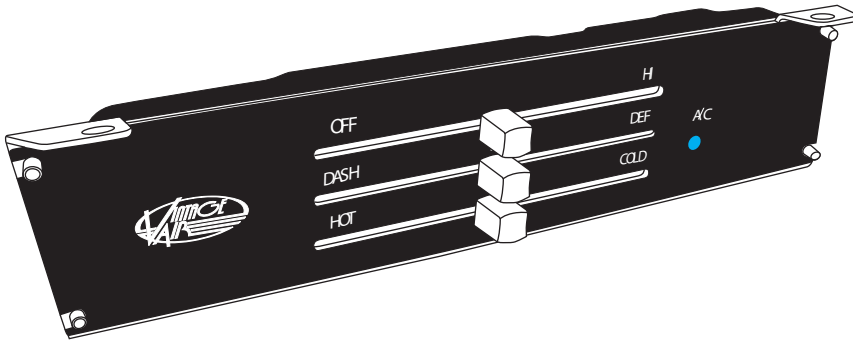


**CONTROL KIT  
473068**

**CONTROL KIT PACKING LIST**

No.	QTY.	PART No.	DESCRIPTION
1.	1	473067	1968-69 CHEVELLE CNTRL PNL ASM
2.	1	232007-VUR	GEN IV UNIVERSAL CONTROL HARNESS (TYPE C)

**\*\* 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**



## 1968-69 CHEVELLE CONTROL PANEL CONVERSION KIT INSTRUCTIONS

### REMOVING OEM CONTROL PANEL

**NOTE:** REMOVAL OF DASHBOARD REQUIRED TO INSTALL THE CONTROL PANEL. VINTAGE AIR RECOMMENDS THAT YOU UTILIZE THE FACTORY SERVICE MANUAL WHEN YOU DISASSEMBLE AND REASSEMBLE THE DASHBOARD.

- ☐ DISCONNECT BATTERY GROUND CABLE.
- ☐ REMOVE THE DASH PAD BY REMOVING (6) OEM SCREWS.(RETAIN)
- ☐ LOWER STEERING COLUMN, PROTECT STEERING COLUMN WITH A CLOTH.
- ☐ DISCONNECT ALL WIRE AND CABLES FROM INSTRUMENT PANEL, SPEEDOMETER, CONTROL PANEL, AND RADIO.
- ☐ REMOVE INSTRUMENT PANEL RETAINING SCREWS AT TOP, BOTTOM, AND SIDE OF PANEL.
- ☐ REMOVE CONTROL PANEL FROM INSTRUMENT PANEL.

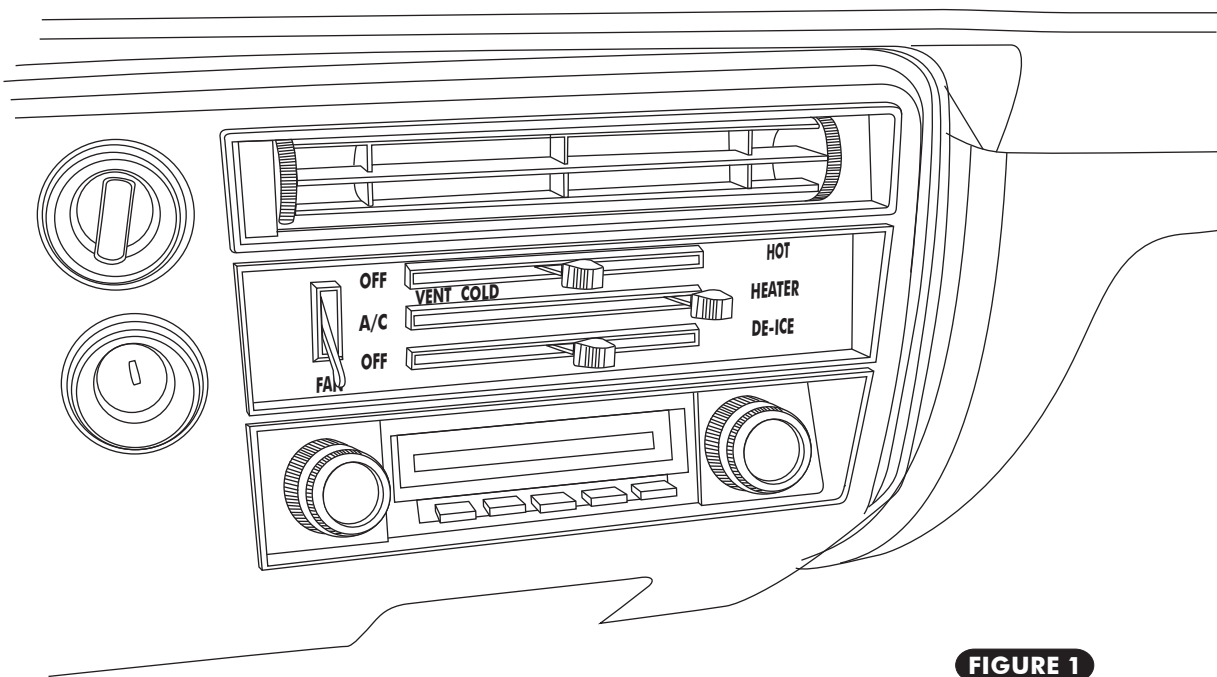


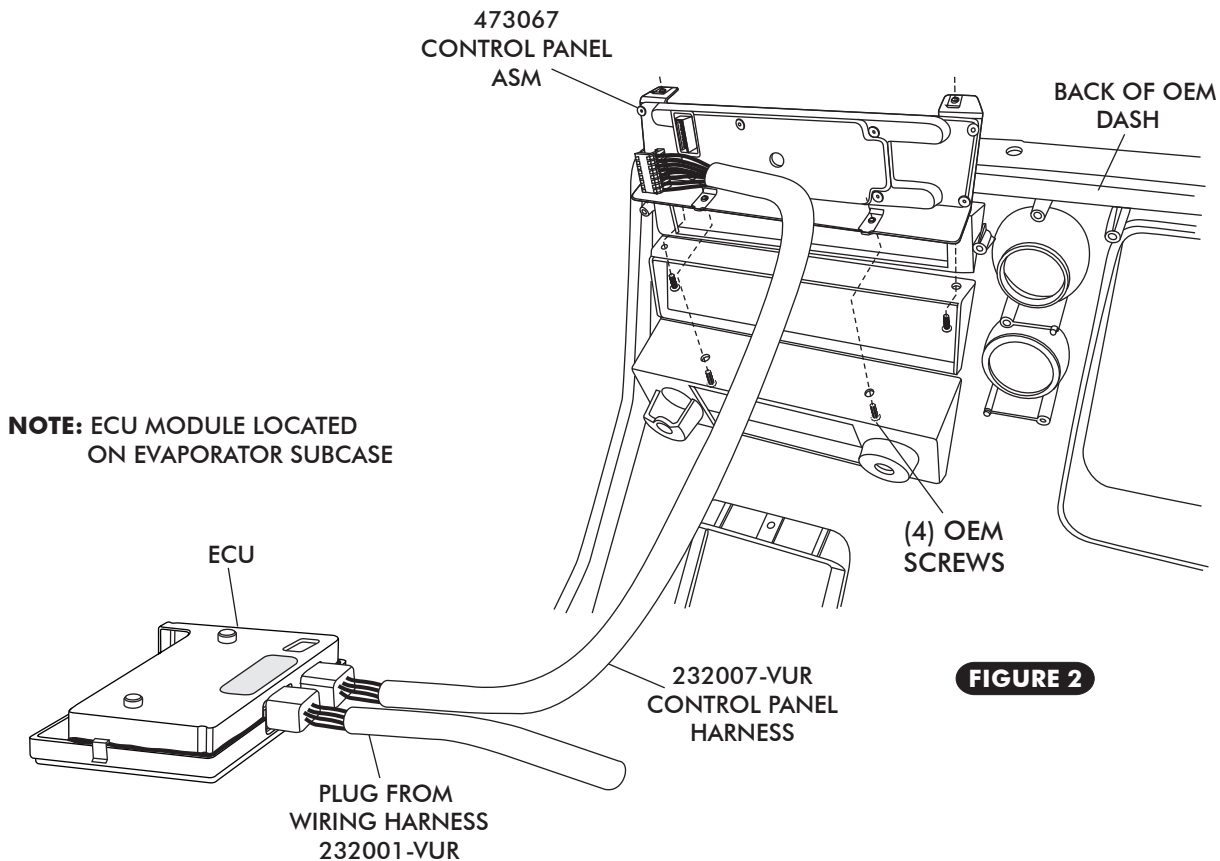
FIGURE 1

68 CHEVELLE SHOWN



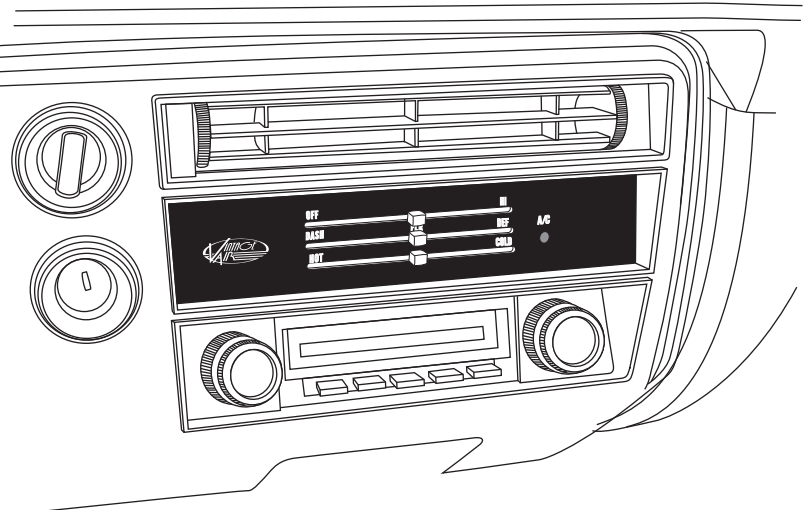
## CONTROL PANEL AND CONTROL HARNESS INSTALLATION

- ☐ INSTALL CONTROL PANEL ASM TO BACK SIDE OF INSTRUMENT PANEL AS SHOWN IN FIGURE 2 BELOW.
- ☐ SECURE THE CONTROL PANEL ASM TO INSTRUMENT PANEL USING OEM SCREWS AS SHOWN IN FIGURE 2 BELOW.
- ☐ PLUG THE CONTROL PANEL HARNESS INTO ECU AS SHOWN IN FIGURE 2 BELOW. PLUG THE OPPOSITE END OF THE HARNESS INTO THE CONTROL PANEL PC BOARD AS SHOWN IN FIGURE 2 BELOW.



## FINAL STEPS

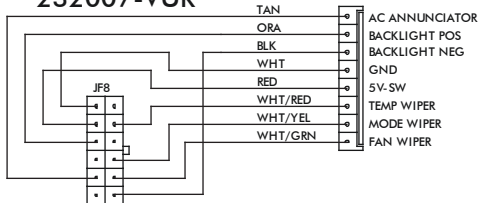
- ☐ REINSTALL ALL PREVIOUSLY REMOVED ITEMS ( INSTRUMENT PANEL, RADIO AND WIRING)
- ☐ REINSTALL DASH PAD USING THE (6) OEM SCREWS.





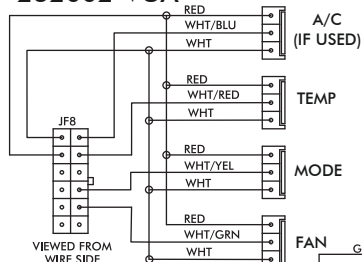
# Wiring Diagram

## 232007-VUR



VIEWED FROM WIRE SIDE

## 232002-VUA

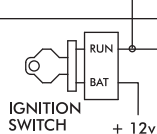


VIEWED FROM WIRE SIDE

### PROGRAM

N/A  
\* DASH LAMP (IF USED)

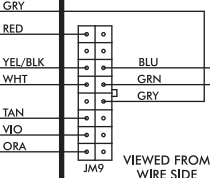
\*\*\* WIDE OPEN THROTTLE SWITCH (OPTIONAL)



IGNITION SWITCH +12V

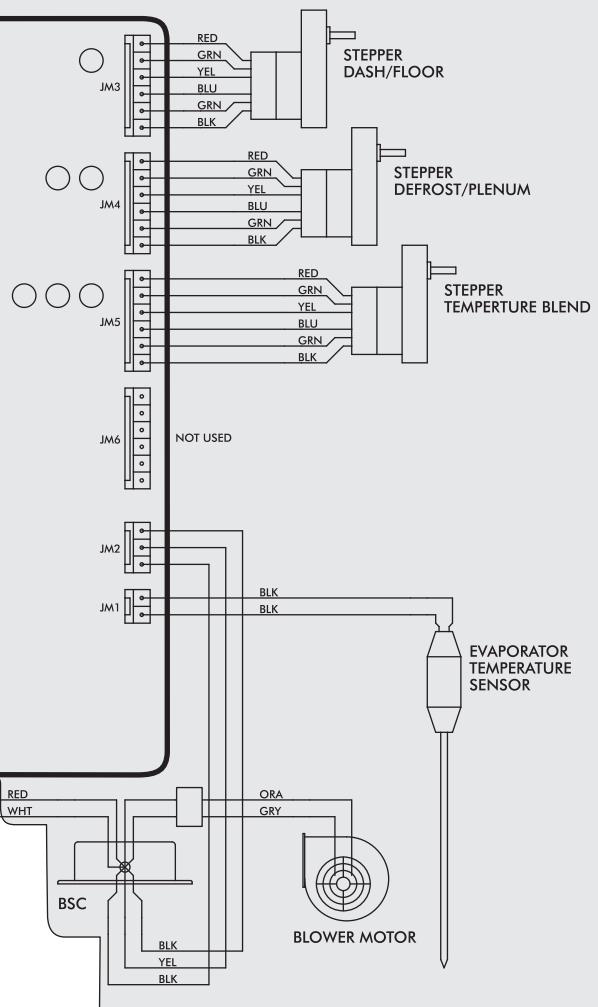
## GEN IV ECU

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



VIEWED FROM WIRE SIDE

## PRE-WIRED



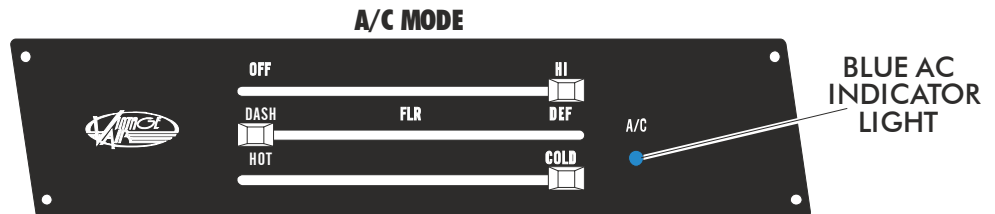
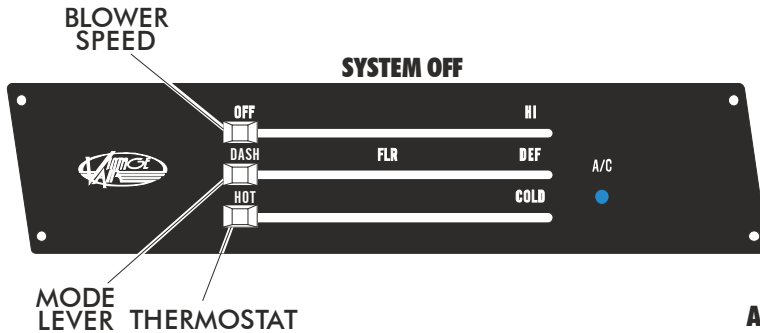
NOTE: = CHASSIS GROUND

- 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

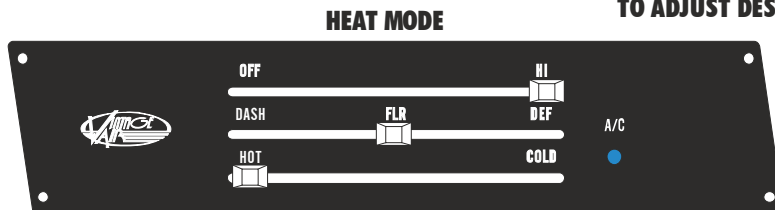
**NOTE: WHEN BATTERY POWER IS FIRST CONNECTED TO THE ECU, THE COMPUTER GOES THROUGH AN INITIALIZATION SEQUENCE. THIS INITIALIZATION MAY TAKE UP TO 30 SECONDS. DURING INITIALIZATION THE BLOWER WILL NOT OPERATE, BUT THE DOORS INSIDE THE UNIT WILL BE OPERATING. A LOW BATTERY OR DISCONNECTING THE BATTERY MAY ALSO TRIGGER RE-INITIALIZATION. DURING START UP, A LOW BATTERY MAY DROP BELOW 7 VOLTS, TRIGGERING RE-INITIALIZATION.**



**BLOWER SPEED**  
THIS LEVER CONTROLS  
THE BLOWER SPEED,  
FROM OFF TO HI

**A/C THERMOSTAT LEVER**  
IN A/C MODE SLIDE THE THERMOSTAT LEVER  
ALL THE WAY RIGHT TO THE COLD POSITION,  
FOR MAXIMUM COOLING. BLUE AC INDICATOR  
LIGHT WILL COME ON ONLY WHEN AC COMPRESSOR  
IS ENGAGED (**SLIDE LEVER LEFT OR RIGHT  
TO ADJUST DESIRED TEMPERATURE**)

**MODE LEVER**  
SLIDE THE LEVER TO  
THE "DASH" POSITION



**A/C THERMOSTAT LEVER**  
IN HEAT MODE SLIDE THE  
THERMOSTAT LEVER ALL THE  
WAY TO THE LEFT TO THE  
HOT POSITION, FOR MAXIMUM HEATING  
(**SLIDE LEVER LEFT OR RIGHT TO  
ADJUST DESIRED TEMPERATURE**)

**MODE LEVER**  
SLIDE THE LEVER TO  
THE "FLR" POSITION  
(SLIDE THE LEVER TO THE  
LEFT OR RIGHT,  
TO ADJUST DESIRED DASH/  
FLR/ DEF LOCATION

### DEFROST MODE



**A/C THERMOSTAT LEVER**  
IN DEF MODE SLIDE THE  
THERMOSTAT LEVER ALL THE  
WAY TO THE LEFT TO THE  
HOT POSITION, FOR MAXIMUM HEATING  
(**SLIDE LEVER LEFT OR RIGHT TO  
ADJUST DESIRED TEMPERATURE**)

**MODE LEVER**  
SLIDE THE LEVER TO  
THE "DEF" POSITION



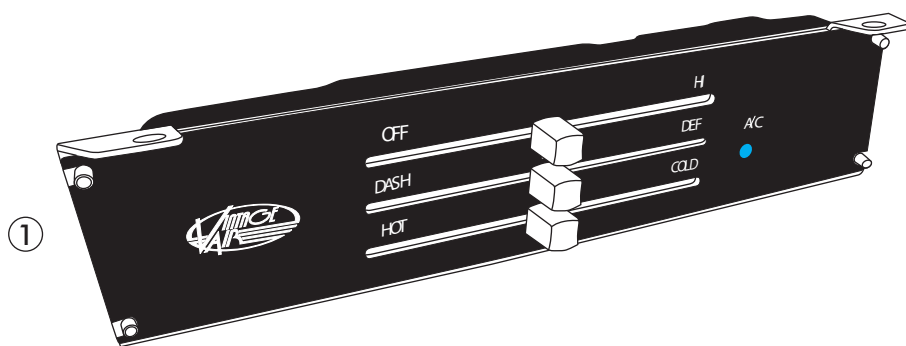
## 1968-69 CHEVELLE CNTRL PNL

### CONTROL KIT 473068

#### CONTROL KIT PACKING LIST

No.	QTY.	PART No.	DESCRIPTION
1.	1	473067	1968-69 CHEVELLE CNTRL PNL ASM
2.	1	232007-VUR	GEN IV UNIVERSAL CONTROL HARNESS (TYPE C)

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



②



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