COMPONENT MAINTENANCE MANUAL
RD-AA903910-01

REVISION TRANSMITTAL SHEET

TO: HOLDERS OF COMPONENT MAINTENANCE MANUAL, DATED Feb 14/25

The pages which have been added or revised are outlined below together with the highlights of the revision. All changes have been identified with a revision bar located in the left and/or right margin of the page.

The entire manual has been revised. Replace your entire manual with this one.

DEFINITIONS

R = REVISION
N = NEW
D = DELETED

FILING INSTRUCTIONS

- Affected pages are listed on the "LIST OF EFFECTIVE PAGES".
- Make certain that the content of the manual is in compliance with the LIST OF EFFECTIVE PAGES.
- File the REVISION TRANSMITTAL SHEET separately.

REASON FOR ISSUE: CMM updated.

The attached HIGHLIGHTS pages detail the changes.

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HIGHLIGHTS

Revision No.1 - Apr 07/25

Pages which have been added, revised or deleted are outlined below together with the Highlights of the Revision.

LOCATIONS	DESIGNATION	DESCRIPTION OF CHANGE
TITLE PAGE	R	
LIST OF EFFECTIVE PAGES	R	
DISASSEMBLY	R	Updated step under paragraph 1.D.(1)(a).
TASK 44-67-03-000-801-A01	R	
ASSEMBLY	R	Updated step under paragraph 1.D.(1)(a). Updated step under paragraph 1.D.(1)(b).
TASK 44-67-03-400-801-A01	R	
ILLUSTRATED PARTS LIST		
TASK 44-67-03-980-801-A01	R	Updated vendor list table.

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Panasonic

CAGE CODE 1UL05
3347 Michelson Drive, Suite 100 Irvine, CA 92612, USA

COMPONENT MAINTENANCE MANUAL WITH ILLUSTRATED PARTS LIST

LEVEL 2

VIDEO CONTROL INSERT (VCI) LITE, WALL MOUNT, EX3

PN: RD-AA903910-01

REVISION No. 1
INITIAL ISSUE: Feb 14/25

44-67-03

TP1
Apr 07/25

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RECORD OF REVISIONS

REV. No.	ISSUE DATE	INSERTED		REV. No.	ISSUE DATE	INSERTED	
		DATE	BY			DATE	BY
Initial Issue	Feb 14/25	Feb 14/25	Tech Pubs				
1	Apr 07/25	Apr 07/25	Tech Pubs				

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LIST OF EFFECTIVE PAGES

LIST OF EFFECTIVE PAGES (Continued)

SERVICE BULLETIN LIST

SERVICE BULLETIN			INCORPORATION INTO CMM		TITLE
NUMBER	ISSUE DATE	REV	DATE	REV	

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LIST OF ILLUSTRATIONS

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LIST OF TABLES

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RECORD OF TEMPORARY REVISIONS

TEMP REV. No.	ISSUE DATE	INSERTED		REMOVED		PAGE No.
		DATE	BY	DATE	BY	

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INTRODUCTION

TASK 44-67-03-800-801-A01

1. Manual Introduction

A. General

(1) This Level 2 CMM gives shop maintenance procedures and an IPL for the Panasonic Avionics Corporation VCI Lite Wall Mount.

B. Scope of Manual

(1) Air Transport Association (ATA) Specifications were used to prepare this CMM. ATA 300 Specifications were used to write the Storage procedures in this CMM. The page blocks in this CMM discuss these topics, as applicable:

(a) DESCRIPTION AND OPERATION (PAGE BLOCK 1) describes the purpose, primary sub-assemblies, and technical properties of the component operation is given.

(b) TESTING AND FAULT ISOLATION (PAGE BLOCK 1000) gives test and fault isolation procedures.

(c) SCHEMATICS AND WIRING DIAGRAMS (PAGE BLOCK 2000) gives schematics and wiring diagrams.

(d) DISASSEMBLY (PAGE BLOCK 3000) gives procedures to disassemble the component for repair or part replacement.

(e) CLEANING (PAGE BLOCK 4000) gives procedures to clean and handle the component.

(f) CHECK (PAGE BLOCK 5000) gives procedures to check the component for damage.

(g) REPAIR (PAGE BLOCK 6000) gives special repair procedures and instructions to handle ESDS electronic components, as applicable.

(h) ASSEMBLY (PAGE BLOCK 7000) gives procedures to reassemble the component and/or its parts after repair.

(i) FITS AND CLEARANCES (PAGE BLOCK 8000) gives torque, fits and clearances, and wear limit information, as required.

(j) SPECIAL TOOLS, FIXTURES, AND EQUIPMENT (PAGE BLOCK 9000) gives the recommended special tools, fixtures, and equipment necessary to service the component, as required.

(k) ILLUSTRATED PARTS LIST (PAGE BLOCK 10000) gives information necessary to order replacement parts.

(l) SPECIAL PROCEDURES (PAGE BLOCK 11000) gives procedures that are necessary as a result of other maintenance actions and are not given in any other page block.

(m) REMOVAL (PAGE BLOCK 12000) gives the step-by-step operations necessary to remove the module, portion of a module or component.

(n) INSTALLATION (PAGE BLOCK 13000) gives the necessary step-by-step operations for expendable parts (gaskets, o-rings, etc) to service the component, as required.

(o) SERVICING (PAGE BLOCK 14000) gives the servicing procedures necessary to service the component, as required.

(p) STORAGE (PAGE BLOCK 15000) gives storage, packaging, handling, and preservation information to store and transport the component.

(q) REWORK - SB ACCOMPLISHMENT (PAGE BLOCK 16000) gives Service Bulletin rework procedures, as applicable.

(2) The drawing revision levels given in this CMM are current as of the publication date.

(3) WARNINGS, CAUTIONS, and NOTES:

(a) WARNING notices come before possibly dangerous procedures, materials, methods, and processes. Follow WARNINGS accurately to prevent injury.

(b) CAUTION notices come before procedures, materials, methods, and processes that can cause equipment damage. Follow CAUTIONS accurately to prevent damage to equipment.

(c) NOTES follow a procedural step to highlight or clarify information.

C. Standard Shop Practices

(1) Use approved procedures and observe safety precautions to prevent damage to the equipment and/or injury to personnel.

D. Units of Measure

(1) Dimensions are given in U.S. customary units. Table INTRO-1 defines the U.S. customary units of measure and their converted metric units.

U.S. STANDARD UNIT	ABBREVIATION	METRIC EQUIVALENT	ABBREVIATION
Degrees Fahrenheit (temperature)	°F	Degrees Celsius	°C
Inch-Pound (torque)	in·lb	Newton Meter	N·m

Units of Measure and Metric Conversion Units
Table INTRO-1 (continued)

U.S. STANDARD UNIT	ABBREVIATION	METRIC EQUIVALENT	ABBREVIATION
Inch (distance)	in	Millimeter	mm
Pound (force)	lb	Newton	N

Units of Measure and Metric Conversion Units
Table INTRO-1

E. Part References

(1) To order parts, tools, equipment, or material contact:

Panasonic Avionics Corporation
3303 Monte Villa Parkway
Bothell, WA 98021-8969, U.S.A.
ATTENTION: Order Management
Phone: (425) 415-9100
FAX: (425) 482-3530

F. General Safety Procedures

(1) Observe the general safety procedures for all phases of operation, service, and repair of the component.

- LIVE CIRCUITS: It is possible for components to have high-voltage electrical circuits. Do not service the component with power applied. Always remove power before maintenance.
- ELECTROSTATIC DISCHARGE: The primary concern for ESD is for the internal components via the connector contact pins. All Integrated Circuits (ICs), surface mounted devices, and many semiconductors are ESDS. Incorrect handling can seriously decrease component life. Observe the circuit board handling procedures given in TASK 44-67-03-300-801-A01 to prevent ESD damage.
- GROUNDING: Electrically ground equipment and personnel to minimize shock hazards. When handling circuit board assemblies, place them on a grounded workbench.
- EXPLOSIVE ENVIRONMENT: Do not operate the component in the presence of flammable gas or fumes. Do not expose equipment to water or high humidity.
- DO NOT SUBSTITUTE PARTS OR CHANGE EQUIPMENT: Do not change or add to the mechanical or electrical design of the component. Do not install substitute parts or make any unauthorized modifications. Design changes can change safety characteristics and create danger. Any unauthorized design changes or additions will void the warranty.

G. Revision Service

(1) Revised pages to this CMM are issued when it is necessary to correct errors or add new information.

H. Shop Verification

(1) The accuracy and adequacy of the instructions provided in this CMM have been technically verified by Panasonic Avionics Corporation's authorized Repair and/or Manufacturing organization.

I. List of Abbreviations

(1) Abbreviations and acronyms are shown in parentheses after their parent term at first use within each section of this CMM.

(2) The list that follows identifies Line Replaceable Units (LRUs), Panasonic- specific terms, and a list of standard abbreviations, acronyms, and symbols.

TERM	DEFINITION
%	Percent
-	Indicates that an item number is not illustrated on the figure
©	Copyright
°	Degree
***	Identifies the end of an Attaching Parts list
AR	As Required
ASSY	Assembly
ATA	Air Transport Association
CAGE	Commercial and Government Entity
CMM	Component Maintenance Manual
CT	Crew Terminal
EAR	Export Administration Regulations
ECCN	Export Control Classification Number
ESD	Electrostatic Discharge
ESDS	Electrostatic Discharge Sensitive
Eff	Effectivity
FIG.	Figure
HEX	Hexagon
HEX HD	Hexagonal Head
Hz	Hertz
ICs	Integrated Circuits
ID/IDENT	Identification
IFES	In-Flight Entertainment System
IN	Inch
IPL	Illustrated Parts List
kg	Kilogram
kPag	KiloPascal, Gauge

TERM	DEFINITION
kPa	KiloPascal
lb	Pound
LCD	Liquid Crystal Display
LRU	Line Replaceable Unit
MAX.	Maximum
mm	Millimeter
NHA	Next Higher Assembly
NO.	Number
PN	Part Number
psig	Pounds per Square Inch Gauge
psi	Pound-force per Square Inch
QTY	Quantity
RCC	Remote Control Centre
REF	Reference
REV.	Revision
RF	For Reference Purposes Only
RH	Relative Humidity
SB	Service Bulletin
U.S.A.	United States of America
V	Vendor or Volt
VAC	Voltage Alternating Current

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DESCRIPTION AND OPERATION

TASK 44-67-03-870-801-A01

1. VCI Lite Wall Mount Description and Operation

A. General

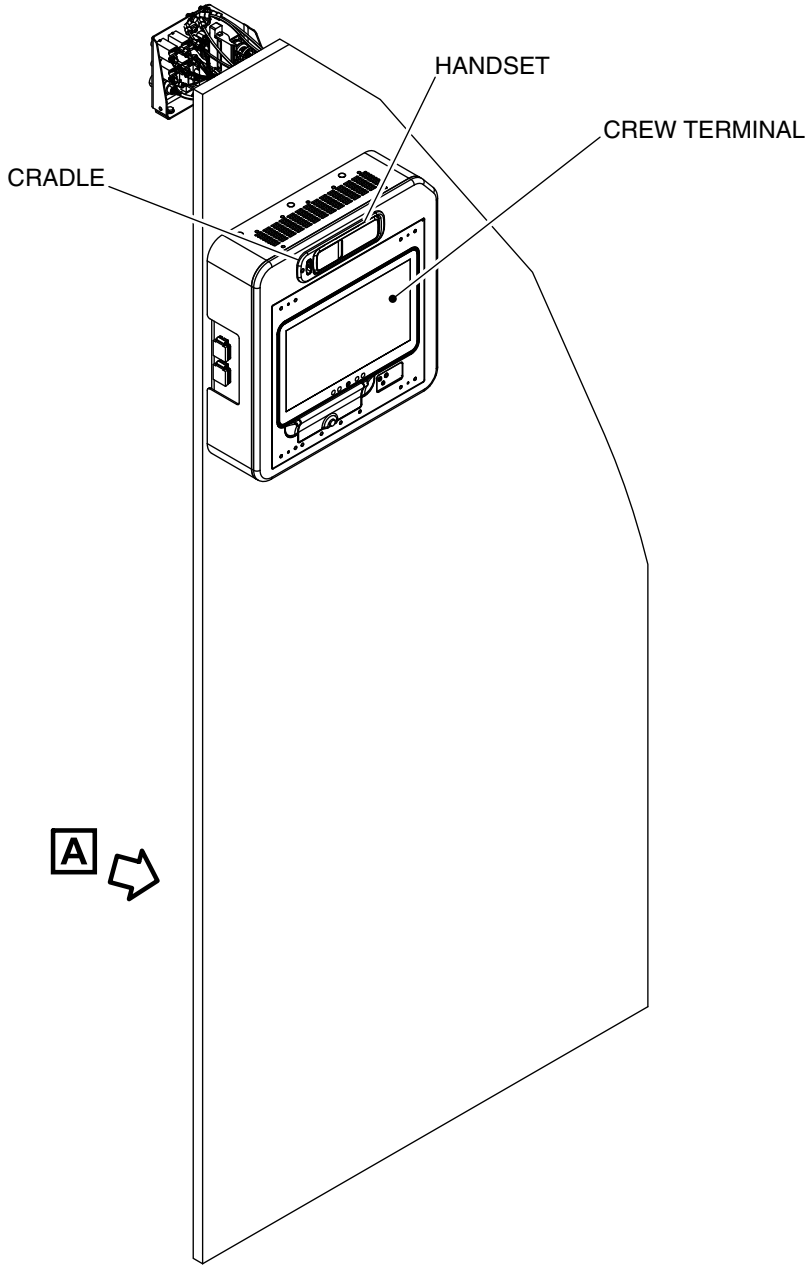
(1) This section gives VCI Lite Wall Mount description and operation information.

B. Functional Description

(1) The VCI Lite Wall Mount is designed to house the Line Replaceable Units (LRUs) and other components.

(2) The LRUs and their associated CMM numbers are listed in the Illustrated Parts List page block of this CMM.

(3) Fig. 1 illustrates the LRU location on the VCI Lite Wall Mount, as applicable.



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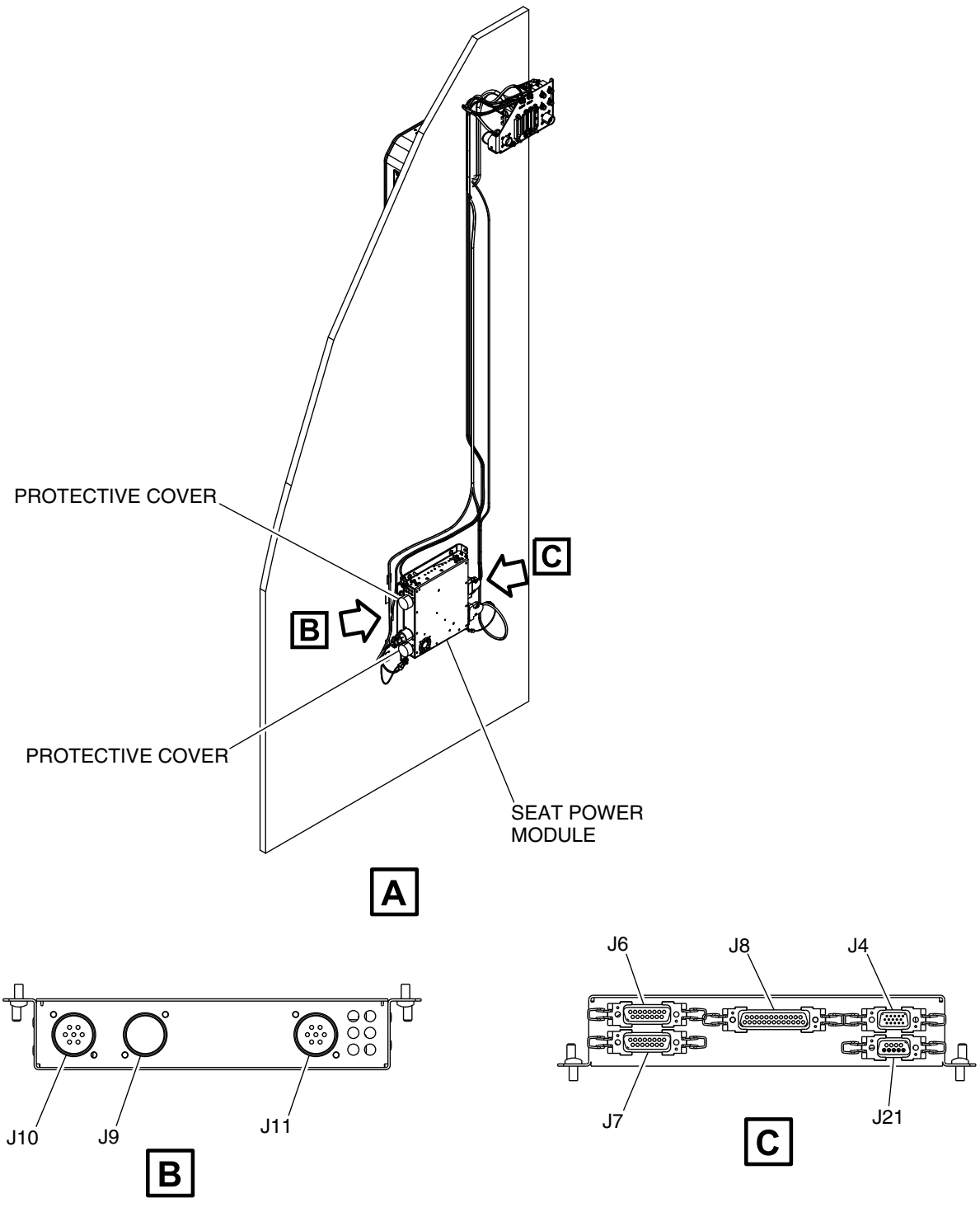
LRU Location, Controls, and Connections on the VCI Lite Wall Mount
Figure 1 (Sheet 1) GRAPHIC 44-67-03-99B-063-A01



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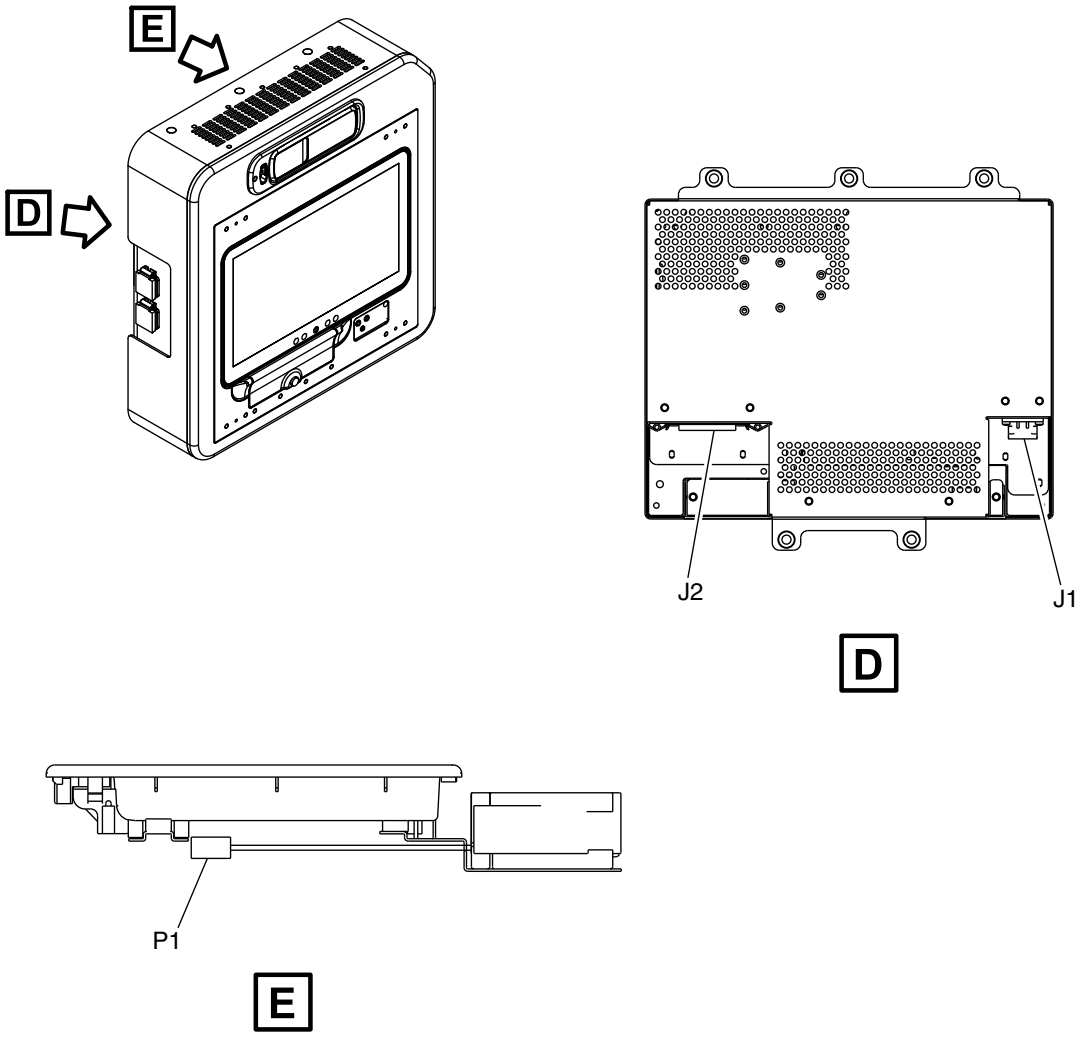
LRU Location, Controls, and Connections on the VCI Lite Wall Mount
Figure 1 (Sheet 2) GRAPHIC 44-67-03-99B-063-A01



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LRU Location, Controls, and Connections on the VCI Lite Wall Mount
Figure 1 (Sheet 3) GRAPHIC 44-67-03-99B-063-A01

C. Leading Particulars

(1) Table 1 lists the technical specifications.

CHARACTERISTIC	SPECIFICATION
Power Requirements	115 ±2 V, 400 Hz ±2 Hz
Structure Weight with LRU	21.7 lb (9.87 kg) maximum
Structure Weight without LRU	3.26 lb (1.48 kg) maximum

Leading Particulars
Table 1

(2) Table 2 lists the Crew Terminal Termination.

CONNECTOR DESIGNATION	PLUG IDENTIFICATION/USAGE
J1	201MH1P1
J2	201MH1P2

Crew Terminal Termination
Table 2

(3) Table 3 lists the Seat Power Module Termination.

CONNECTOR DESIGNATION	PLUG IDENTIFICATION/USAGE
J4	N/A
J6	450MH1P6
J7	N/A
J8	450MH1P8
J9	450MH1P9
J10	N/A
J11	N/A
J21	N/A

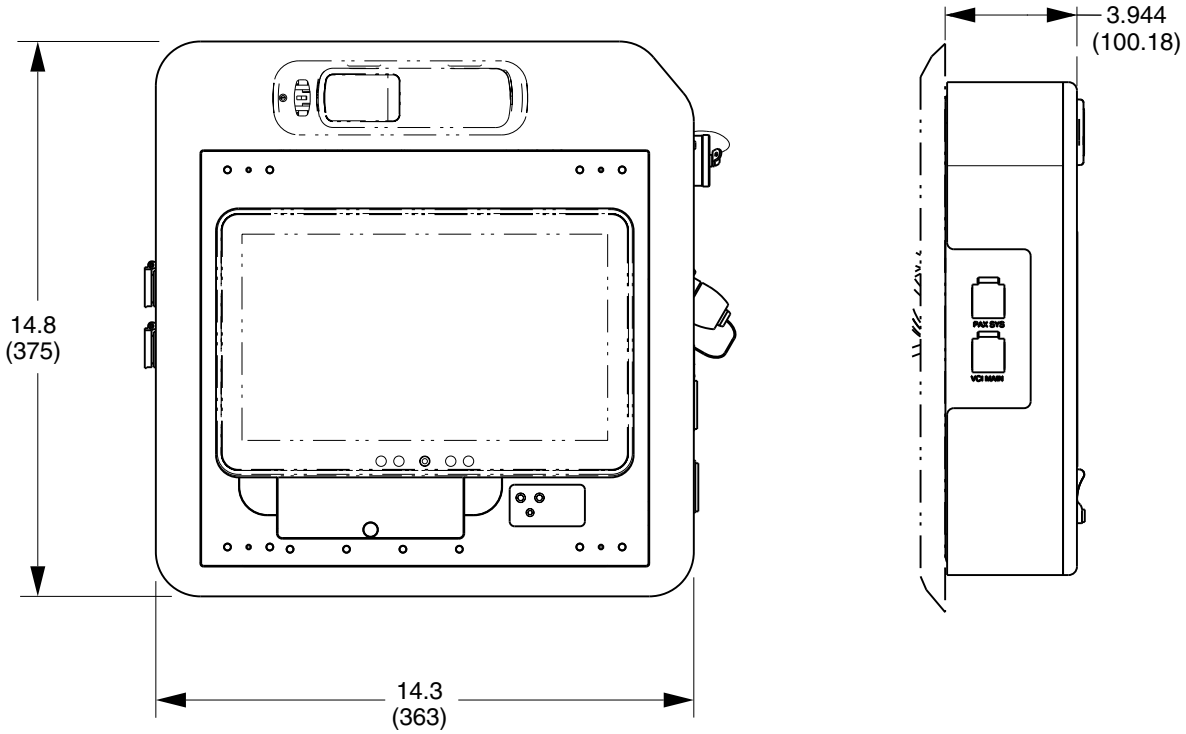
Seat Power Module Termination
Table 3

(4) Table 4 lists the Cradle Termination.

CONNECTOR DESIGNATION	CONNECTOR TO CRADLE
P1	193MKP1

Cradle Termination
Table 4

(5) Fig. 2 gives dimensional information for the component. All dimensions are shown in inches and millimeters (in parentheses). Unless otherwise indicated, dimensions shown do not include hardware or connector protrusions.



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VCI Lite Wall Mount Dimensions
Figure 2 GRAPHIC 44-67-03-99B-065-A01

(6) Fig. 3 illustrates block diagram for VCI Lite Wall Mount.

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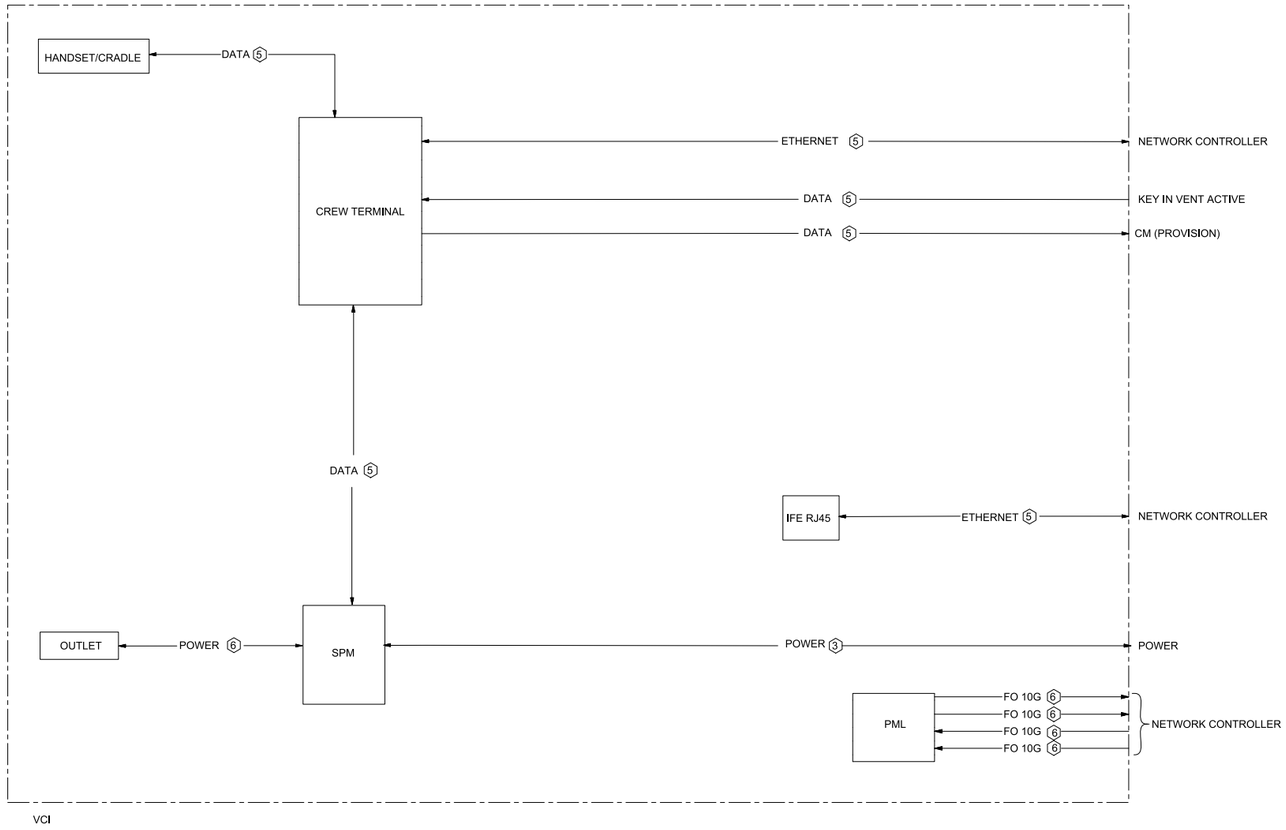

SYSTEM BLOCK DIAGRAM

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VCI Lite Wall Mount Block Diagram
Figure 3 GRAPHIC 44-67-03-99B-068-A01

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D. Theory of Operation

(1) The VCI Lite Wall Mount installation is where the Cabin Crew interacts with the IFES through a Crew Terminal (CT). System functions are controlled and monitored from the SM, both in-flight and during ground maintenance.

(2) The component is installed on board the aircraft with the LRUs listed in the Illustrated Parts List. For more information on description, operation, and shop maintenance procedures for the installed LRUs, refer to the applicable CMMs.

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TESTING AND FAULT ISOLATION

TASK 44-67-03-700-801-A01

1. VCI Lite Wall Mount Test

A. Reason for the Job

(1) To test the if the VCI Lite Wall Mount is ready for return to service.

B. Job Set-up Information

(1) Tools, Fixtures and Test Equipment

NOTE: Equivalents can be used for the listed items.

REFERENCE (CAGE)	QTY	DESIGNATION
Weight Scale (SC-10P) or Equivalent	1	±0.01 lb.

Tools, Fixtures and Test Equipment
Table 1001

(2) Referenced Information

REFERENCE	DESIGNATION
TASK 44-67-03-810-801-A01	Fault Isolation

Referenced Information
Table 1002

C. Job Set-up

(1) Test Prerequisites

(a) Power input to the unit under test requires a voltage of 115 VAC ±2 V, 400 Hz ±2 Hz.

(b) Check all commercial test equipment and make sure that current and valid calibration tags are on equipment.

(c) Refer to the applicable and current cable and harness assembly engineering drawing(s) for information on pinout, build tolerances, and parts list as necessary to do test, check, and repair.

(d) Do the tests under standard ambient environmental conditions as follows:

1 Temperature: 15°C to 35°C (59°F to 95°F)

2 Humidity: Less than 85% Relative Humidity (RH)

3 Atmospheric Pressure: 84 kPa to 107 kPa (12.19 psi to 15.52 psi)

(2) Test Criteria

(a) Any test procedure step that does not pass is a failure. Refer to TASK 44-67-03-810-801-A01 fault isolation procedures for recommended actions.

(b) After fault isolation and replacement of the damaged component, repeat the test procedure to make sure that the problem is corrected.

D. Procedure

(1) Operation of Components Inspection

(a) Make sure that the LRU installation location has:

1 Ease of installation and removal during the fit check.

2 Proper fit of LRUs and proper alignment and engagement of mounting fasteners (i.e., quarter turn fasteners, thumbscrews, nylatches, etc.) if applicable.

(b) Check loose parts for:

1 Clear and proper P/N identification marking on individual kits.

2 Correctness against the packing list or installation drawing.

(c) Make sure that all gaps on the structure run parallel and are normal in size.

(d) Check all corner profiles to ensure that there is no damage.

(e) Proper operation and free movement of the flipping door on the shroud.

(2) Visual Inspection

(a) Visually check the condition of the VCI LITE, WALL MOUNT.

(b) If applicable, check identification labels for correct part number, revision level, serial number, date of manufacture, and gross weight.

(c) Check for complete labels (i.e. instruction, warning, Identification (ID)...etc.).

(d) Make sure that the VCI Lite Wall Mount is free of scratches and damage.

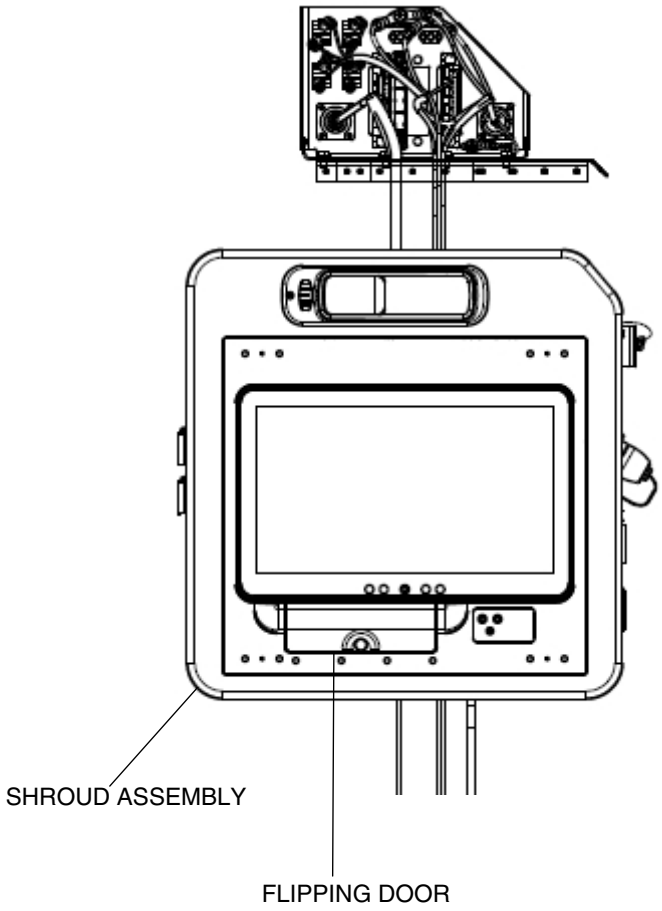
(e) Make sure that the painted surfaces shall match appropriate color chips and are to be free of scratches and damage.

(3) Construction Inspection

(a) Make sure that no sharp corners, edges or protrusions exit that can cause injury.

(b) Check for loose or damaged hardware that impacts the integrity of construction.

(4) Typical Test Set Up for VCL Lite Wall Mount (refer to Fig. 1001).



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Test Set Up for VCL Lite Wall Mount
Figure 1001 GRAPHIC 44-67-03-99B-067-A01

TASK 44-67-03-810-801-A01

2. VCI Lite Wall Mount Fault Isolation

A. Reason for the Job

(1) To aid the technician in troubleshooting the VCI Lite Wall Mount.

B. Job Set-up

(1) Not applicable.

C. Procedure

(1) VCI Lite Wall Mount Fault Isolation

(a) The information in Table 1003 identifies possible problems or failures. Identify the problem and then do the suggested action.

PROBLEM	ACTION
VCI Lite Wall Mount fails a visual inspection (damaged)	Replace the faulty\damaged components.
VCI Lite Wall Mount fails a construction inspection (defective)	Replace the faulty\defective components.

Structure Fault Isolation
Table 1003

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SCHEMATICS AND WIRING DIAGRAMS

TASK 44-67-03-900-801-A01

1. VCI Lite Wall Mount Wiring Diagrams

   A. Schematics and Wiring Diagrams

      (1) There are no schematics or wiring diagrams.

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DISASSEMBLY

TASK 44-67-03-000-801-A01

1. Disassembly of the VCI Lite Wall Mount

A. Reason for the Job

(1) To remove defective, damaged or worn components.

B. Job Set-up Information

(1) Tools, Fixtures, and Equipment

NOTE: Equivalents can be used for the listed items.

REFERENCE (CAGE)	QTY	DESIGNATION
No specific	AR	Cap, Dust
No specific	AR	Cover, Connector, ESD Protective
No specific	1	Strap, Wrist, Grounded
No specific	AR	Tools, Standard Hand

Tools, Fixtures, and Equipment
Table 3001

(2) Referenced Information

REFERENCE	DESIGNATION
TASK 44-67-03-950-801-A01	Illustrated Parts List
TASK 44-67-03-210-801-A01	Check of the VCI Lite Wall Mount
TASK 44-67-03-300-801-A01	Repair of the VCI Lite Wall Mount
TASK 44-67-03-700-801-A01	VCI Lite Wall Mount Test

Referenced Information
Table 3002

C. Job Set-up

SUBTASK 44-67-03-860-001-A01

(1) Disassembly Prerequisites

(a) Refer to TASK 44-67-03-700-801-A01 or TASK 44-67-03-210-801-A01 to identify the damaged or defective components. Disassemble the component only as far as necessary to remove damaged or defective parts.

(b) Refer to the illustrated views in the Illustrated Parts List for referenced item number locations.

D. Procedure

SUBTASK 44-67-03-860-002-A01

(a) Remove Power

1 Make sure that electrical power is removed from the component.

SUBTASK 44-67-03-920-001-A01

(b) Connector Cover

1 Put covers or dust caps on unused connectors.

SUBTASK 44-67-03-000-001-A01

(1) Disassembly Procedures

WARNING: MAKE SURE THAT THE STRUCTURE IS DE-ENERGIZED. MAINTENANCE DONE ON AN ENERGIZED STRUCTURE CAN CAUSE INJURY TO PERSONNEL AND CAUSE VOLTAGE TRANSIENTS THAT DAMAGE THE STRUCTURE.

WARNING: OBEY ALL SAFETY NOTICES. IF YOU DO NOT OBEY ALL SAFETY NOTICES, THERE IS A RISK OF PERSONNEL INJURY OR DEATH.

CAUTION: BEFORE MAINTENANCE OF THE STRUCTURE IS DONE, OBEY ALL STATIC CONTROL PROCEDURES. THE STRUCTURE HAS ELECTROSTATIC DISCHARGE SENSITIVE (ESDS) DEVICES THAT CAN BE DAMAGED IF TOUCHED INCORRECTLY.

CAUTION: DISASSEMBLE COMPONENTS ON A GROUNDED CONDUCTIVE SURFACE. WEAR A CONDUCTIVE WRIST STRAP THAT IS GROUNDED.

NOTE: Make sure to put on a grounded conductive wrist strap before you disassemble the component.

NOTE: These procedures are arranged in a recommended sequence. However, the sequence can be changed for specific requirements or circumstances.

NOTE: Unless specifically directed for single use items (or replacing faulty parts) do not discard any hardware.

NOTE: Refer to TASK 44-67-03-300-801-A01 for general handling instructions.

NOTE: Use standard hand tools, as required.

NOTE: For not fully disassembled components, skip procedural steps, as applicable.

(a) Disassembly of the VCI Lite Wall Mount (refer to IPL Fig. 1).

1 Remove the placard (5), if necessary. Discard the placard (5), if damaged.

2 Remove two protective covers (10) from the seat power module (15).

3 Remove ground lugs (GND 073, GND 148, GND 149) from the seat power module (15).

4 Carefully disconnect the connectors from the seat power module (15). Refer to Table 3 for seat power module termination.

5 Remove four quarter turn fasteners that hold the seat power module (15) on the seat power module bracket assembly.

6 Remove the seat power module (15) from the seat power module mounting bracket.

7 Remove four adjustable auto lock pins (IPL Fig. 2, 15) that hold the closeout panel assembly (20) on the VCI lite kit (-65).

8 Remove the closeout panel assembly (20) from the VCI lite kit (-65). Refer to paragraph 1.D.(1)(b) for disassembly procedures.

9 Remove two washers (30) and the nut (35) that hold the (GND 150) on the crew terminal (25).

10 Carefully disconnect and remove the ground lug (GND 150) from the crew terminal (25).

11 Carefully disconnect and remove the connectors from crew terminal (25). Refer to Table 2 for crew terminal termination.

12 Remove the crew terminal (25) from the VCI lite kit (-65).

13 Remove the handset (40) from the cradle (45).

14 Carefully disconnect the connectors from cradle (45). Refer to Table 4 for Cradle Termination.

15 Remove the cradle (45) from the shroud top assembly (50).

16 Remove six screws (55) that hold the shroud top assembly (50) on the VCI lite kit (-65).

17 Remove the shroud top assembly (50) from the VCI lite kit (-65).

18 Remove the outlet unit (60) from the VCI lite kit (-65).

(b) Disassembly of Closeout Panel Assembly (refer to IPL Fig. 2).

1 Remove eight rivets (10) that hold the support plate (5) along with four adjustable auto lock pins (15) on the panel close out (60).

2 Remove the support plates (5) along with adjustable auto lock pins (15) from the panel close out (60).

3 Remove the rubber bumper (20) from the door assembly (45).

4 Remove two screws (30, 40) that hold the right end cap assembly (25) and left end cap assembly (35) along with door assembly (45) on the closeout panel (60).

5 Remove the right end cap assembly (25) and left end cap assembly (35) along with door assembly (45) from the closeout panel (60).

6 Remove the door assembly (45) from the right end cap assembly (25) and left end cap assembly (35).

7 Remove four riverts (55) that hold the metallic plate (50) on the closeout panel (60).

8 Remove the metallic plate (50) from the closeout panel (60).

CLEANING

TASK 44-67-03-100-801-A01

1. Cleaning of the VCI Lite Wall Mount

A. Reason for the Job

(1) To clean the VCI Lite Wall Mount.

B. Job Set-up Information

(1) Tools, Fixtures, and Equipment

NOTE: Equivalents can be used for the listed items.

REFERENCE (CAGE)	QTY	DESIGNATION
No specific	1	Brush, Bristled, Medium, Non-Mtlc
No specific	1	Brush, Bristled, Stiff, Non-Mtlc
No specific	1	Compressed air source, not to exceed 30 Psig (206 kPag) at the nozzle
No specific	1	Goggles, Protective
No specific	1	Vacuum

Tools, Fixtures, and Equipment
Table 4001

(2) Consumable Materials

NOTE: Equivalents can be used for the listed items.

REFERENCE (CAGE)	DESIGNATION
No specific	Cloth, Clean, Dry, Lint-Free, Static-Free
No specific	Detergent, Neutral
No specific	Paper, Wipe

Consumable Materials
Table 4002

(3) Referenced Information

REFERENCE	DESIGNATION
TASK 44-67-03-300-801-A01	Repair of the VCI Lite Wall Mount

Referenced Information
Table 4003

C. Job Set-up

(1) Not applicable.

D. Procedure

WARNING: MAKE SURE THAT THE STRUCTURE IS DE-ENERGIZED. MAINTENANCE DONE ON AN ENERGIZED STRUCTURE CAN CAUSE INJURY TO PERSONNEL AND CAUSE VOLTAGE TRANSIENTS THAT DAMAGE THE STRUCTURE.

SUBTASK 44-67-03-100-001-A01

(1) Clean the external surfaces of box-type components

(a) Do this to clean the external surfaces of box-type components, as necessary:

1 Check the connector(s) and make sure that no dust or unwanted materials have collected.

2 Remove dust and wanted materials as follows:

a Wear protective goggles/glasses.

b Use a medium- or stiff-bristled non-metallic brush to remove unwanted materials.

WARNING: WEAR SAFETY GOGGLES OR GLASSES WHEN COMPRESSED AIR IS USED. COMPRESSED AIR CAN CAUSE INJURY TO EYES WITH NO PROTECTION. POINT THE AIR STREAM AWAY FROM YOURSELF AND OTHER PERSONNEL.

c Use compressed air and do the steps that follow:

1 Make sure that the pressure at the nozzle is not more than 30 psig (206 kPag).

2 Hold the nozzle in from the side at an angle and apply short bursts to prevent damage to interior components.

d Use a small, hand-held vacuum to collect dust and unwanted materials.

3 If further cleaning is necessary, do the steps that follow:

CAUTION: DO NOT LET LIQUID GET INTO THE COMPONENT THROUGH THE VENT HOLES OR GRILLS. IF LIQUID GETS INTO THE COMPONENT, DAMAGE CAN OCCUR.

a Make a clean, dry, soft, lint-free, static-free cloth or paper wipe moist with a neutral detergent.

b Clean the component.

c Use a clean, dry, soft, lint-free, static-free cloth to dry the component.

WARNING: WEAR SAFETY GOGGLES OR GLASSES WHEN COMPRESSED AIR IS USED. COMPRESSED AIR CAN CAUSE INJURY TO EYES WITH NO PROTECTION. POINT THE AIR STREAM AWAY FROM YOURSELF AND OTHER PERSONNEL.

d If necessary, blow-dry the component as follows:

1 Wear safety goggles/glasses.

2 Make sure that the pressure at the nozzle is not more than 30 psig (206 kPag).

3 Blow-dry with clean, compressed air.

4 Let the component dry fully in the air.

5 Do a visual inspection.

SUBTASK 44-67-03-100-002-A01

(2) Clean the Liquid Crystal Display (LCD)

(a) Do these steps to clean the LCD screen:

CAUTION: DO NOT USE ABRASIVE, CORROSIVE, OR FLAMMABLE CLEANING MATERIALS TO CLEAN THE DISPLAY SURFACE. USE OF THESE MATERIALS WILL DAMAGE THE DISPLAY SURFACE.

CAUTION: DO NOT APPLY CLEANING SOLUTION DIRECTLY ON THE COMPONENT. THIS CAN CAUSE DAMAGE TO THE COMPONENT.

1 Make a clean, dry, soft, lint-free, static-free cloth or paper wipe moist with a neutral detergent.

CAUTION: DO NOT USE TOO MUCH FORCE TO CLEAN THE COMPONENT. TOO MUCH FORCE WILL CAUSE DAMAGE TO THE COMPONENT.

2 Start at one side of the display surface and use a top-to-bottom motion to clean the surface.

a Carefully clean the surface in a straight, linear pattern until fingerprints and stains are removed fully.

3 Let the display surface dry fully in the air.

NOTE: After cleaning the display screen, the anti-reflective optical coating can have a slight variation in color, due to light conditions and the viewing angle. This variation is acceptable.

4 Do a visual inspection of the LCD for heavy residual film or streaks. If they are present, do the procedure again.

NOTE: Light streaks or light residual film are acceptable.

CHECK

TASK 44-67-03-210-801-A01

1. Check of the VCI Lite Wall Mount

A. Reason for the Job

(1) To check if the VCI Lite Wall Mount and its components are serviceable, require repair, or must be replaced.

B. Job Set-up Information

(1) Referenced Information

REFERENCE	DESIGNATION
TASK 44-67-03-100-801-A01	Cleaning of the VCI Lite Wall Mount
TASK 44-67-03-400-801-A01	Assembly of the VCI Lite Wall Mount

Referenced Information
Table 5001

C. Job Set-up

(1) Not applicable.

D. Procedure

SUBTASK 44-67-03-210-001-A01

(1) Check Procedures

NOTE: Check the parts after cleaning and before assembly. Refer to TASK 44-67-03-100-801-A01 and TASK 44-67-03-400-801-A01 for instructions.

NOTE: Use bright light and magnification to help during visual inspections.

(a) For a list of component check procedures, refer to Table 5002.

COMPONENT	CHECK FOR	CORRECTIVE ACTION
Cable Assemblies	Damaged connector or crimp terminals, cut or burned cable insulation, open circuit.	Replace the cable assemblies.
	Bent or missing pin contacts corroded or deformed socket contacts cracked or chipped connector shell cut or burned wire insulation open circuit.	Repair or Replace.
Electrical Connectors	Bent, broken, or loose pins cracked or broken insulators broken, loose, or deformed housings broken pin connectors dirt and corrosion wires pulled loose from contacts.	Repair or replace.
Electrical Wire Leads	Cracked or cut insulation cut wire strands check all wires for continuity make sure that all wires are correctly routed and bundled.	Replace.
Labels	Unreadable cut or chipped edges loose adhesive bond.	Replace.
Metal Parts	Distortion cracks dents evidence of wear deterioration of protective treatment holes that are not round and/or cracking around holes.	Replace.
Solder Connections	Loose or broken solder connections cracked or deteriorated wire insulation burns or other signs of open or short circuits.	Repair.
Threaded Parts	Crossed or stripped threads loose attaching hardware.	Replace.
Wiring	Weak or broken connections cold solder joints cracked, chipped, or burned wiring insulation deterioration dirt and corrosion.	Repair or replace.

Check Procedures
Table 5002

REPAIR

TASK 44-67-03-300-801-A01

1. Repair of the VCI Lite Wall Mount

A. Reason for the Job

(1) To repair the VCI Lite Wall Mount and its components.

B. Job Set-up Information

(1) Tools, Fixtures and Test Equipment

NOTE: Equivalents can be used for the listed items.

REFERENCE (CAGE)	QTY	DESIGNATION
No specific	1	Ohmmeter
No specific	1	Sheet, Conductive, Grounded
No specific	1	Strap, Wrist, Grounded

Tools, Fixtures and Test Equipment
Table 6001

(2) Referenced Information

REFERENCE	DESIGNATION
TASK 44-67-03-000-801-A01	Disassembly of the VCI Lite Wall Mount
TASK 44-67-03-210-801-A01	Check of the VCI Lite Wall Mount
TASK 44-67-03-400-801-A01	Assembly of the VCI Lite Wall Mount
TASK 44-67-03-700-801-A01	VCI Lite Wall Mount Test

Referenced Information
Table 6002

C. Job Set-up

SUBTASK 44-67-03-860-003-A01

(1) Repair Prerequisites

(a) Refer to TASK 44-67-03-700-801-A01 and/or TASK 44-67-03-210-801-A01 to identify the damaged component. Then, refer to TASK 44-67-03-000-801-A01 and TASK 44-67-03-400-801-A01 for Assembly and Disassembly procedures. Refer to the referenced IPL figure and item number to order replacement components.

D. Procedure

WARNING: OBEY ALL SAFETY NOTICES. IF YOU DO NOT OBEY ALL SAFETY NOTICES, THERE IS A RISK OF PERSONNEL INJURY OR DEATH.

CAUTION: THE COMPONENT HAS ELECTRONIC COMPONENTS THAT CAN BE DAMAGED BY INCORRECT HANDLING. FOLLOW THE GENERAL HANDLING PRECAUTIONS AND INSTRUCTIONS GIVEN BELOW TO PREVENT POSSIBLE DAMAGE.

SUBTASK 44-67-03-300-001-A01

(1) General Information

WARNING: MAKE SURE THAT THE STRUCTURE IS DE-ENERGIZED. MAINTENANCE DONE ON AN ENERGIZED STRUCTURE CAN CAUSE INJURY TO PERSONNEL AND CAUSE VOLTAGE TRANSIENTS THAT DAMAGE THE COMPONENT.

(a) If liquid or grease is spilled on or in the component, immediately remove power and wipe off the liquid or grease.

(b) Keep a clean work station. Do not smoke, eat, or drink in the work area.

SUBTASK 44-67-03-860-004-A01

(2) Remove power

(a) Make sure that electrical power is removed from the component.

SUBTASK 44-67-03-860-005-A01

(3) Do this to Handle ESDS Devices

(a) Many electronic components have microcircuits and other sensitive devices that can be damaged internally by electrostatic discharges. The person who removes, installs, and moves the component must know about static electricity and how to protect the components from static discharge.

(b) These items can cause electrostatic charges: human bodies, hair, clothing, floors, equipment racks, and equipment units. An ESD is electrostatic energy transmitted between substances of different electrical potentials. ESDs from nylon clothing or human hair onto polyethylene or steel can damage ESDS components. Damage to the internal components of an ESDS component can cause failure with just one static discharge. System properties can change over time with several static discharges.

(c) Work at an ESD safe work bench when handling ESDS devices. The work bench should include:

1 A grounded conductive sheet covering the bench work area.

2 A grounded wrist strap in contact with skin.

3 If the chair or the floor is non-conducting, the chair must have a ground strap.

4 ESD safe tools and equipment. Use plastic (instead of metal) tools where possible to prevent short circuits.

SUBTASK 44-67-03-700-001-A01

(4) Do a Resistance Test of the strap

WARNING: USE A WRIST STRAP WITH A MINIMUM GROUNDING LEAD RESISTANCE OF 250 KILOHMS AND A MAXIMUM OF 1.5 MEGOHMS. USE OF A LOW RESISTANCE WRIST STRAP CAN CAUSE INJURY TO A PERSON IF A HIGH VOLTAGE SOURCE IS TOUCHED.

(a) Use an ohmmeter to make sure that the strap assembly has a minimum resistance of 250 kilohms and/or a maximum of 1.5 megohms.

CAUTION: THE GROUNDING LEAD ON THE WRIST STRAP MUST TOUCH THE SKIN TO GIVE THE PROTECTION THAT IS NECESSARY. IF THE WRIST STRAP IS NOT USED CORRECTLY, YOU CAN CAUSE DAMAGE TO ESDS COMPONENTS.

(b) Put the strap on the wrist of the person who is to work with the component.

(c) Use an ohmmeter to make sure that the resistance between skin and ground is less than 10 megohms.

(d) Connect the strap to an applicable electrostatic ground jack.

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ASSEMBLY

TASK 44-67-03-400-801-A01

1. Assembly of the VCI Lite Wall Mount

A. Reason for the Job

(1) To assemble the VCI Lite Wall Mount and its components.

B. Job Set-up Information

(1) Tools, Fixtures, and Equipment

NOTE: Equivalents can be used for the listed items.

REFERENCE (CAGE)	QTY	DESIGNATION
No specific	1	Screwdriver Micro-Adjustable, 22.5 ± 17.5 in·lb (2.5 ± 2.0 N·m) Torque Range
No specific	1	Strap, Wrist, Grounded
No specific	AR	Tools, Standard Hand

Tools, Fixtures, and Equipment
Table 7001

(2) Consumable Materials

NOTE: Equivalents can be used for the listed items.

REFERENCE (CAGE)*	DESIGNATION
NYCOTE 7-11, Nycote Laboratories Corporation (V05803)	Coating, Protective
HW121470-01, Panasonic Avionics Corporation (V1UL05)	Sealant, Silicone, Rubber Adhesive

* Refer to the Vendor Index for the address.

Consumable Materials
Table 7002

(3) Referenced Information

REFERENCE	DESIGNATION
TASK 44-67-03-950-801-A01	Illustrated Parts List

Referenced Information
Table 7003

C. Job Set-up

SUBTASK 44-67-03-860-006-A01

(1) Assembly Prerequisites

(a) Use serviceable parts to assemble the component. Refer to the figures in the TASK 44-67-03-950-801-A01 for referenced items number locations and parts procurement information.

D. Procedure

SUBTASK 44-67-03-400-001-A01

(1) Assembly:

NOTE: For not fully assembled components, skip procedural steps, as applicable.

(a) Assembly of the Closeout Panel Assembly (refer to IPL Fig. 2).

1 Install the metallic plate (50) with four riverts (55) into the closeout panel (60).

2 Install the door assembly (45) to the right end cap assembly (25) and left end cap assembly (35).

3 Install the right end cap assembly (25) and left end cap assembly (35) along with door assembly (45) on the the closeout panel (60) with two screws (30, 40).

4 Install the rubber bumper (20) into the closeout panel (60) with silicone sealant (PN HW121470-01).

I 5 Install four plate supports (5) along with four adjustable auto lock pins (15) and eight riverts (10) into the closeout panel (60).

(b) Assembly of the VCI Lite Wall Mount (refer to IPL Fig. 1).

1 Install the outlet unit (60) into the VCI lite kit (-65).

2 Install the shroud top assembly (50) with six screws (55) into the VCI lite kit (-65). Use a torque screwdriver to torque items (55) to 16.0 to 18.0 in.lb (1.81 to 2.03 N.m).

NOTE: Apply nycote protective coating to hardware.

3 Carefully connect the connectors to the cradle (45). Refer to Table 4 for Cradle Termination.

4 Install the cradle (45) into the shroud top assembly (50).

5 Install the handset (40) into the cradle (45).

6 Carefully connect the connectors to the crew terminal (25). Refer to Table 2 for crew terminal termination.

7 Install the crew terminal (25) on the VCI lite kit (-65).

8 Carefully connect and install the ground lug (GND 150) on the crew terminal (25) with two washers (30) and the nut (35). Use a torque screwdriver to torque items (35) to 16.0 to 18.0 in.lb (1.81 to 2.03 N.m).

NOTE: Apply nycote protective coating to hardware.

9 Install the closeout panel assembly (20) with four adjustable auto lock pins (IPL Fig. 2, 15) into the VCI lite kit (-65). Refer paragraph 1.D.(1)(a) for assembly procedures.

10 Install the seat power module (15) with four turn fasteners into seat power module bracket assembly.

11 Carefully connect the connectors to the seat power module (15). Refer to Table 3 for seat power module termination.

12 carefully connect the ground lugs (GND 073, GND 148, GND 149) on the seat power module (15).

NOTE: Apply nycote protective coating to hardware.

13 Install two protective covers (10) into seat power module (15).

14 Install the placard (5), if removed during disassembly.

NOTE: Use the new placard (5), if discarded during disassembly.

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FITS AND CLEARANCES

TASK 44-67-03-920-801-A01

1. Wear Limits

   A. Reason for the Job

      (1) To provide in-service wear limits and manufacturer's design wear tolerances.

   B. Procedure

      (1) There are no wear limit requirements.

TASK 44-67-03-920-802-A01

2. Torque Limits

A. Reason for the Job

(1) To provide torque limits used during assembly of the VCI Lite Wall Mount, as applicable.

B. Procedure

(1) Torque limits for threaded fasteners are given in Table 8001. Refer to 8001 for assembly procedures.

IPL FIG, ITEM NO.	NOMENCLATURE	TORQUE VALUE (IN·LB)	TORQUE VALUE (N·M)
01, 35	NUT, SELF-LOCKING, .190-32	16.0 to 18.0 in.lb	1.81 to 2.03 N·m
01, 55	SCREW, PTD, FH, .190-32 DAWN MEDIUM .500	16.0 to 18.0 in.lb	1.81 to 2.03 N·m

Torque Limits
Table 8001

SPECIAL TOOLS, FIXTURES, AND EQUIPMENT

TASK 44-67-03-940-801-A01

1. Special Tools, Fixtures, and Equipment

A. Reason for the Job

(1) To list special tools, fixtures, and equipment required to maintain the component.

B. Job Set-up

(1) Not applicable.

C. Procedure

(1) Refer to TASK 44-67-03-700-801-A01 for a list of test equipment.

(2) Refer to TASK 44-67-03-000-801-A01 for a list of equipment and material needed for disassembly of the component.

(3) Refer to TASK 44-67-03-100-801-A01 for a list of cleaning materials.

(4) Refer to TASK 44-67-03-300-801-A01 for a list of equipment needed to do bench and shop repair.

(5) Refer to TASK 44-67-03-400-801-A01 for a list of equipment and material needed for assembly of the component.

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SPECIAL PROCEDURES

TASK 44-67-03-860-801-A01

1. SPECIAL PROCEDURES

A. General

(1) Not applicable.

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REMOVAL

1. Not Applicable

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INSTALLATION

1. Not Applicable

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SERVICING

1. Not Applicable

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STORAGE

TASK 44-67-03-550-801-A01

1. Storage of the VCI Lite Wall Mount

A. Reason for the Job

(1) To give preparation procedures for transportation, special handling, packaging, storage, and preservation requirements associated with the VCI Lite Wall Mount.

B. Job Set-up Information

(1) Tools, Fixtures, and Equipment

NOTE: Equivalents can be used for the listed items.

REFERENCE (CAGE)	QTY	DESIGNATION
No specific	AR	Bag, Electrostatic Sensitive Protective
No specific	AR	Cap, Dust

Tools, Fixtures, and Equipment
Table 15001

(2) Consumable Materials

NOTE: Equivalents can be used for the listed items.

REFERENCE (CAGE)	DESIGNATION
No specific	Cloth, Dry, Lint-Free, Static-Free
No specific	Bag, Plastic

Consumable Materials
Table 15002

C. Procedure

CAUTION: OBEY ALL STATIC CONTROL PROCEDURES. THE COMPONENT HAS ELECTROSTATIC DISCHARGE SENSITIVE (ESDS) DEVICES THAT CAN BE DAMAGED IF TOUCHED INCORRECTLY.

SUBTASK 44-67-03-500-001-A01

(1) Handling

(a) Fully clean the unit internally and externally.

(b) Wipe away any water or grease from the equipment immediately.

(c) Adequately secure loose cables and flying leads during shipment to avoid chafing, vibrations, and abrasions to finished product.

(d) Do not expose equipment to humidity and shock hazards.

(e) Use a blacking cap to cover up the electrical connector to give protection to the electrical contacts.

SUBTASK 44-67-03-530-001-A01

(2) Packaging

CAUTION: ALWAYS USE THE ORIGINAL SHIPPING CONTAINER IN WHICH IT WAS SUPPLIED OR USE AN EQUIVALENT SHIPPING CONTAINER WITH SUFFICIENT PACKING MATERIAL TO PREVENT DAMAGE TO THE UNIT DURING TRANSPORTATION.

(a) Put an identification label on the outside of the container and make sure that:

1 The identification label has all the related data of the unit for example type, serial number etc.

2 The identification label can be read easily.

(b) If the original shipping containers are not available, pack the component as follows:

1 Write the maintenance data and dates on a tag. Attach the tag to the component.

2 Install protective caps on the electrical connectors.

3 Overwrap the component in nylon film or bubble wrap to cushion it and prevent damage to the barrier bag. Pack the component in a corrugated paper box. Fill all voids with wadding or paper.

4 Write the component nomenclature, part number, date, and other applicable notes on the box.

(c) When not being worked on, sensitive components and assemblies should be enclosed in antistatic bags, boxes, or wraps. ESD sensitive items should be removed from protective enclosures only at antistatic workstations.

(d) Protect the component from humidity and shock by packaging the components before they are transported or stored.

SUBTASK 44-67-03-550-001-A01

(3) Storage

CAUTION: DO NOT STORE THE COMPONENT IN A HIGH HUMIDITY ENVIRONMENT OR IN DIRECT SUNLIGHT. HIGH HUMIDITY CAN SHORT OR CORRODE ELECTRONIC COMPONENTS.

CAUTION: MAKE SURE THAT THERE IS NOT TOO MUCH OF WEIGHT ON THE CONTAINER, WHEN YOU USE THE STORAGE METHOD. TOO MUCH WEIGHT ON THE CONTAINER CAN CAUSE DAMAGE TO THE UNIT.

CAUTION: DO NOT KEEP THE CONTAINER NEAR FLUIDS THAT CAN CAUSE CORROSION OR DAMAGE.

(a) Keep the container in a clean, dry room with a good supply of air.

(b) Test and reusability of the container.

(c) Use dust caps to protect connectors from contamination and damage.

1 No foreign objects shall be placed on top of wires or wire bundles.

(d) Cushioning materials shall provide electrostatic discharge protection and be non-corrosive.

(e) Attach identification tag or label to the external surface of the container. Store all components in clean plastic bags or on clean, lint-free cloths.

(f) Environmental conditions for component's storage should be within these ranges:

1 Temperature: 41°F to 95°F (5°C to 35°C)

2 Relative Humidity: 20% to 90% Relative Humidity (RH).

SUBTASK 44-67-03-620-001-A01

(4) Preservation

(a) There are no preservation procedures for the component.

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REWORK - SB ACCOMPLISHMENT

1. Not Applicable

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ILLUSTRATED PARTS LIST

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TASK 44-67-03-950-801-A01

1. IPL Introduction

A. General

(1) This section illustrates and lists component parts that are repairable at the bench and shop.

B. How to Use the Parts Lists

(1) This IPL has these major sections, as applicable:

(a) NUMERICAL INDEX. The Numerical Index is an alpha-numeric listing of all part numbers given in the Detailed Parts List. The Numerical Index also lists the figure number and total quantity of parts required for each application. The original manufacturer's part number is listed in the Numerical Index. The total quantity of parts required is listed with the corresponding manufacturer's part number. When this company's part number is also listed, the total quantity required is listed as a reference (RF). In the case of an item with no assigned part number, the name of the part is listed.

(b) DETAILED PARTS LIST. The Detailed Parts List consists of figures and parts lists that illustrate and identify replaceable assemblies, sub-assemblies, and component parts.

(2) The Detailed Parts List is created as follows:

(a) Figure number and item number references refer to the accompanying illustration. Item numbers are usually labeled in 5-unit increments. The Detailed Parts List item number corresponds to the item number shown in the illustration. Item numbers preceded by a dash (-) are not shown in the illustration.

(b) Alpha variants are added to an item number when necessary to show:

1 Similar top assemblies included in the same Detailed Parts List

2 Added items

3 Service Bulletin modifications

4 Configuration differences

5 Optional parts

6 Product improvement parts (non-Service Bulletin)

(c) For purchased parts, the manufacturer's part number or industry standard part number is listed in the Part Number column and the manufacturer's Vendor Code is listed (in parentheses) in the Nomenclature column. For all other parts, this company's part number appears in the Part Number column.

(d) The Airline Stock No. column is left blank for airline use.

(e) The part description information is listed in the Nomenclature column. The Nomenclature column uses reverse nomenclature format. The leading noun is listed first, followed by descriptive nouns and adjectives, and then any further adjectives or details that describe the part. Acronyms and additional information such as ESDS device identifiers and Commercial and Government Entity (CAGE) codes are listed last in parentheses as applicable. The Nomenclature column uses an indenture system to show part relationships. The number of indenture levels (marked by dots preceding the description) shows the relationship of the part to the NHA as follows:

```
1 2 3 4 5 6 7
 End Item or Major Assembly
 . Detail Parts for End Item or Major Assembly
 . Sub-assemblies of the End Item or Major Assembly
ATTACHING PARTS
 .Attaching Parts for Sub-assemblies
 ***
 . . Detail Part for Sub-assemblies
 . . Sub-sub assemblies
ATTACHING PARTS
 . . Attaching Parts for Sub-sub assemblies
 ***
```

(f) Attaching parts are captioned ATTACHING PARTS and are listed immediately after the part(s) that they attach. The *** symbol follows the last item of an ATTACHING PARTS group.

(g) Vendor-supplied parts are identified in the Nomenclature column by the Vendor Code. Vendor Codes are listed in accordance with the CAGE Code H4/H8, and are preceded by the letter V. Government standard parts such as AN, MS, etc., are not identified with a Vendor Code.

(h) The Effectivity Code (Eff Code) column identifies differences between two or more similar assemblies listed within the same Detailed Parts List and figure. Each similar assembly within the Detailed Parts List is assigned a code letter (A thru Z). Parts common to a specific top assembly have the associated code listed in the Eff Code column. When the Eff Code column is blank, the part is common to all of the listed assemblies within the particular Detailed Parts List.

(i) The Units Per Assembly (Units Per Assy) column indicates the quantity of each part required per assembly, sub-assembly, or sub-sub-assembly, as applicable. For bulk or consumable items, the letters AR indicate "as required". The letters RF indicate that the item is either the top assembly, an optional part (the quantity for optional parts is listed with the first part, subsequent optional parts are listed with quantity RF), or is a part listed for reference only.

C. How to Identify Parts

(1) If the part number is not known: refer to the appropriate illustration, locate the part, and obtain its geographical location. Use this to obtain the item number.

(2) After the item number is known: find the item number in the Detailed Parts List accompanying the illustration. The columns that follow the item number supply the part number, nomenclature, effectivity, and units per assembly information for the particular part.

(3) If the part number is known: refer to the Numerical Index and locate the part number in the Part Number column. Get the figure and item number opposite the part number and locate the illustration indicated. The Detailed Parts List that accompanies the illustration will give the part number, nomenclature, and units per assembly of the particular part.

(4) If the part number is not known: refer to illustration figure titles to determine the probable location of the desired part. Refer to the illustration to find the part by location, size, and shape. Note the item number on the illustration and then find that item number in the Detailed Parts List.

TASK 44-67-03-980-801-A01

2. Vendor List

A. Manufacturer Names and Addresses

(1) The Commercial and Government Entity (CAGE) codes and related manufacturer's names and addresses are used in this manual. The CAGE code numbers of the vendors (preceded by the letter "V") appear in the Nomenclature column of the Detailed Parts List.

CAGE CODE	NAME AND ADDRESS
V1UL05	Panasonic Avionics Corporation 3347 Michelson Drive Suite 100 Irvine, CA 92612 United States
V05803	Nycote Laboratories Corporation 25322 Avenue Stanford Santa Clarita, CA 91355 1214, United States

ALPHA/NUMERIC INDEX

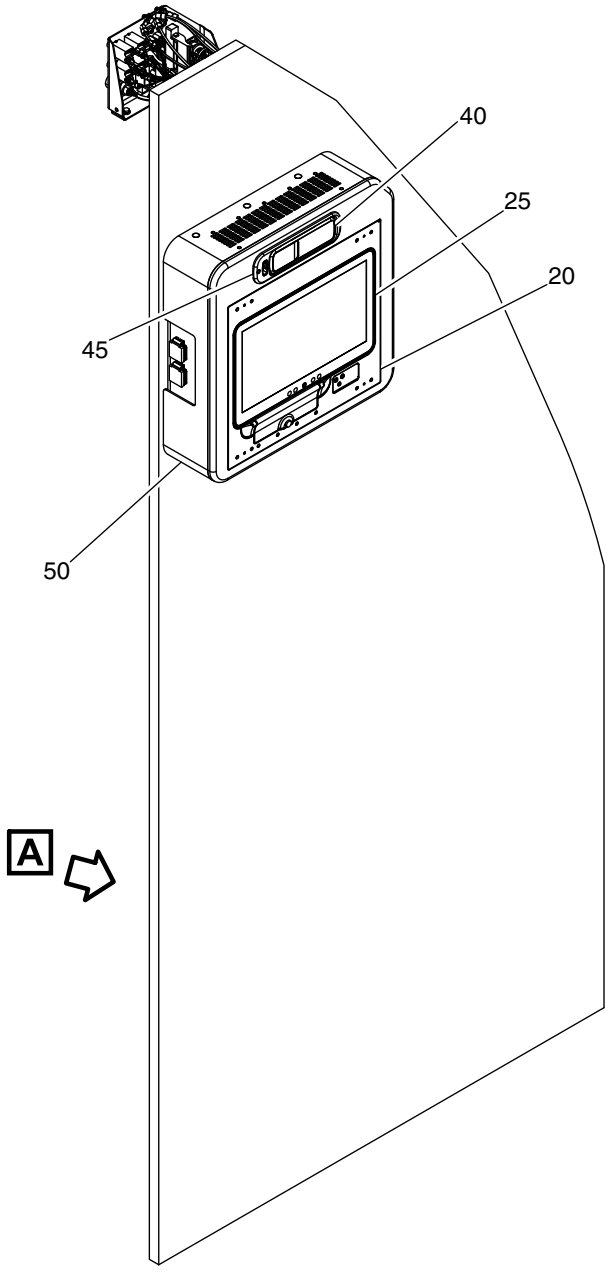
PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
HW119873AB0202		2	55	4
HW119873AB0204		2	10	8
HW120562AV3		1	35	1
HW124336-1		2	15	4
HW125536-3		2	30	2
			40	2
HW128728-10L		1	30	2
HW132877-01		2	20	1
MA-CR0003-014		1	10	2
RDAA903910-01		1	–1	RF
RDFA1052-01		1	25	RF
RDFA3622-03		1	15	RF
RDFA5011-01		1	40	RF
RDKA5622-01		1	45	RF
RDKT903910-01		1	–65	RF
SC126456-272		1	55	6
124658-01		2	5	4
129266-01		2	50	1
129273-12		1	5	1
129274-01		2	25	1
129275-01		2	35	1
129301-01		2	60	1
132867-01		2	45	1

– ITEM NOT ILLUSTRATED

PART NUMBER	AIRLINE STOCK NUMBER	FIGURE NUMBER	ITEM NUMBER	TOTAL REQ'D
133523-01		1 2	20 −1	1 RF
142639-01		1	50	1
303-253-118		1	60	RF

– ITEM NOT ILLUSTRATED

DETAILED PARTS LIST



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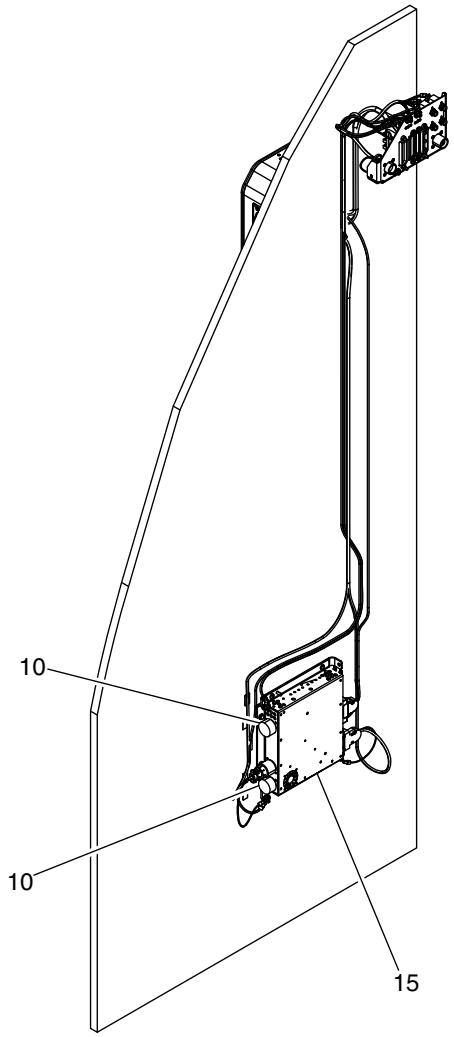
VCI Lite Wall Mount
IPL Fig. 1 (Sheet 1) /GRAPHIC 44-67-03-99B-064-A01



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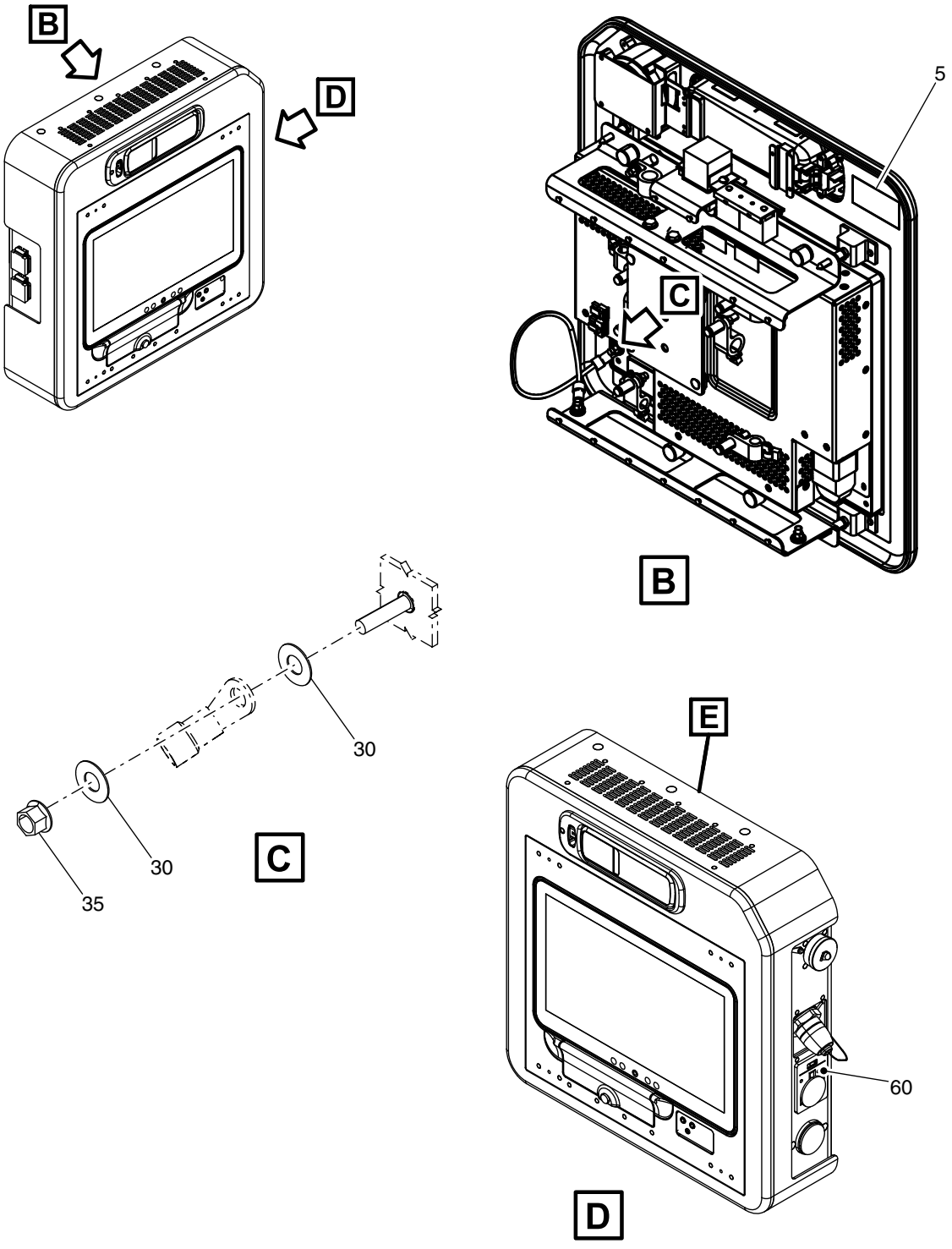
VCI Lite Wall Mount
IPL Fig. 1 (Sheet 2) /GRAPHIC 44-67-03-99B-064-A01



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VCI Lite Wall Mount
IPL Fig. 1 (Sheet 3) /GRAPHIC 44-67-03-99B-064-A01

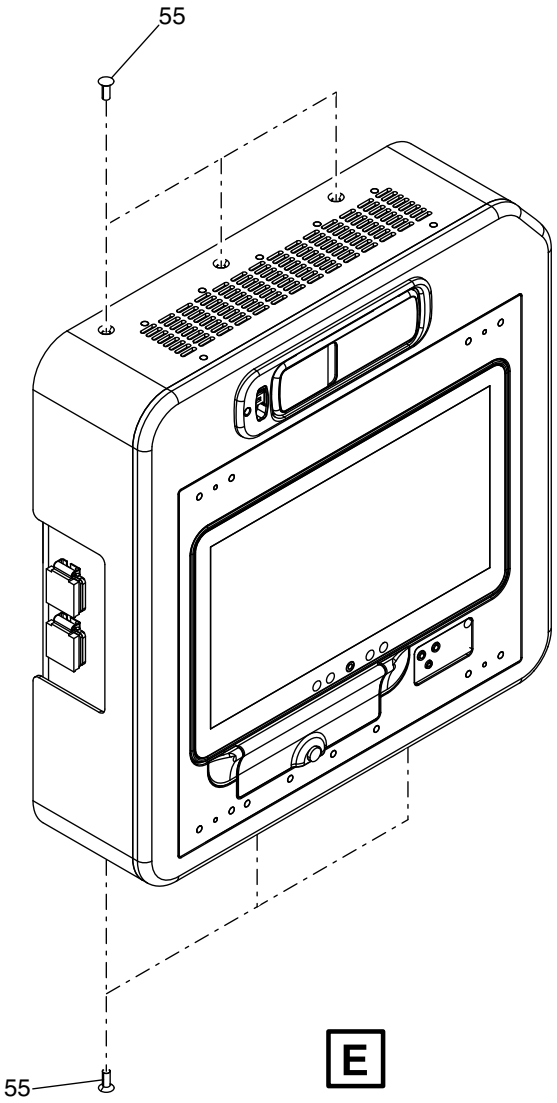

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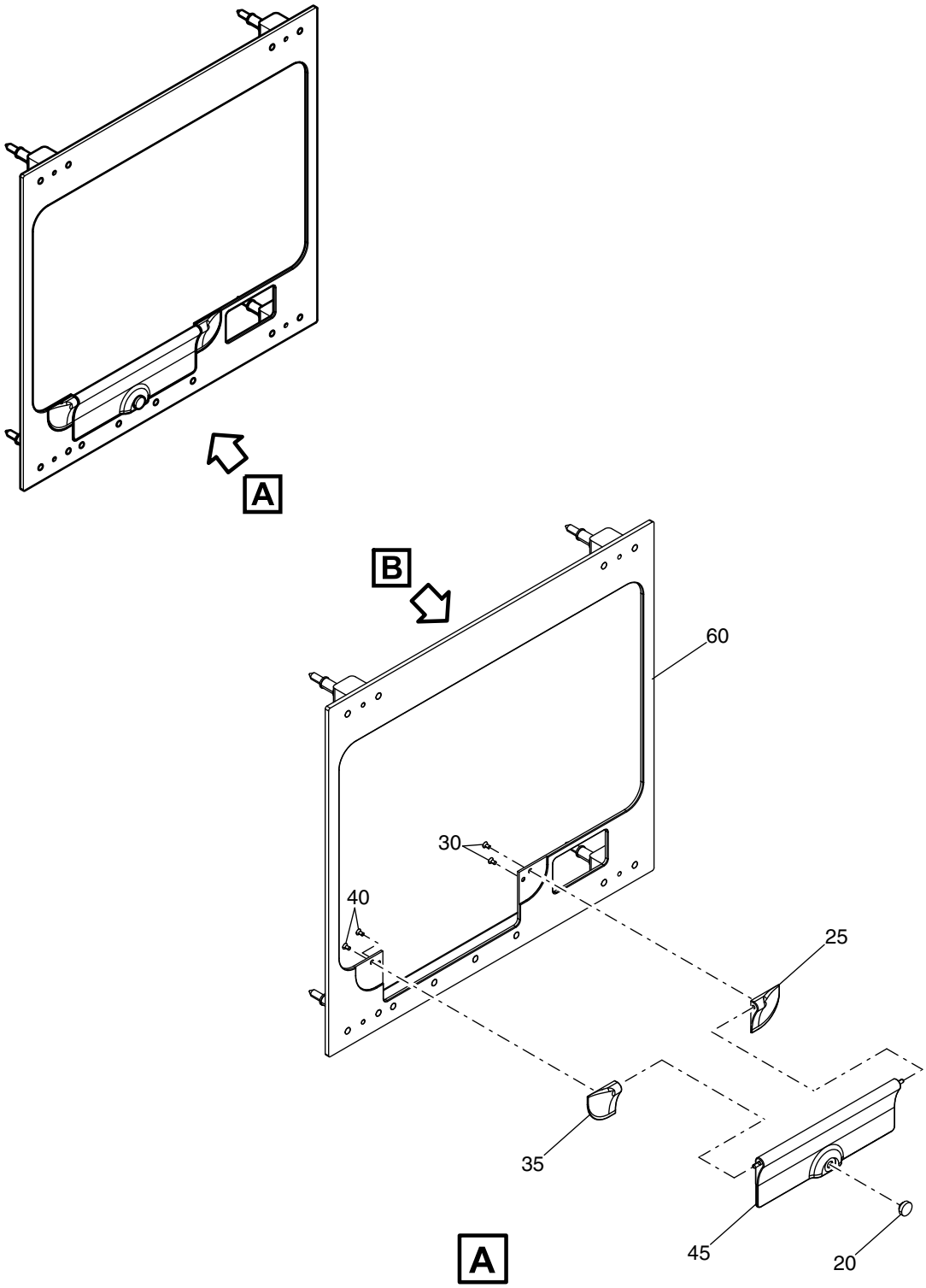
FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1 – 1	RDAA903910-01		VCI LITE, WALL MOUNT, eX3 (V1UL05) (TRUE PN IS RD-AA903910-01)		RF
5	129273-12		. PLACARD, ID, VCI-LITE (V1UL05)		1
10	MA-CR0003-014		. PROTECTIVE COVER (V1UL05)		2
15	RDFA3622-03		. SEAT POWER MODULE (V1UL05) (TRUE PN IS RD-FA3622-03)		RF
20	133523-01		. PANEL ASSY, CLOSEOUT (V1UL05) (REF TO IPL FIG. 2, ITEM -1 FOR DETAILS)		1
25	RDFA1052-01		. CREW TERMINAL (V1UL05) (TRUE PN IS RD-FA1052-01) (REF TO CMM 44-29-97 FOR DETAILS)		RF
30	HW128728-10L		. WASHER, FLAT, UTRTD AL, Ø 0.203 X 0.016 (V1UL05)		2
35	HW120562AV3		. NUT, SELF-LOCKING, .190-32 (V1UL05) (TRUE PN IS HW120562-AV3)		1
40	RDFA5011-01		. HANDSET (V1UL05) (TRUE PN IS RD-FA5011-01) (REF TO CMM 44-23-31 FOR DETAILS)		RF
45	RDKA5622-01		. CRADLE (V1UL05) (TRUE PN IS RD-KA5622-01)		RF
50	142639-01		. TOP ASSY, SHROUD, PAINTED (V1UL05)		1

– ITEM NOT ILLUSTRATED

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
1			ATTACHING PARTS		
55	SC126456-272		. SCREW, PTD, FH, .190-32 DAWN MEDIUM .500 (V1UL05)		6
			* * *		
60	303-253-118		. OUTLET UNIT, USB/AC/DC GRAY GY2D102 (V1UL05)		RF
– 65	RDKT903910-01		. KIT, VCI LITE, WALL MOUNT, EX3 (V1UL05) (TRUE PN IS RD-KT903910-01)		RF

– ITEM NOT ILLUSTRATED



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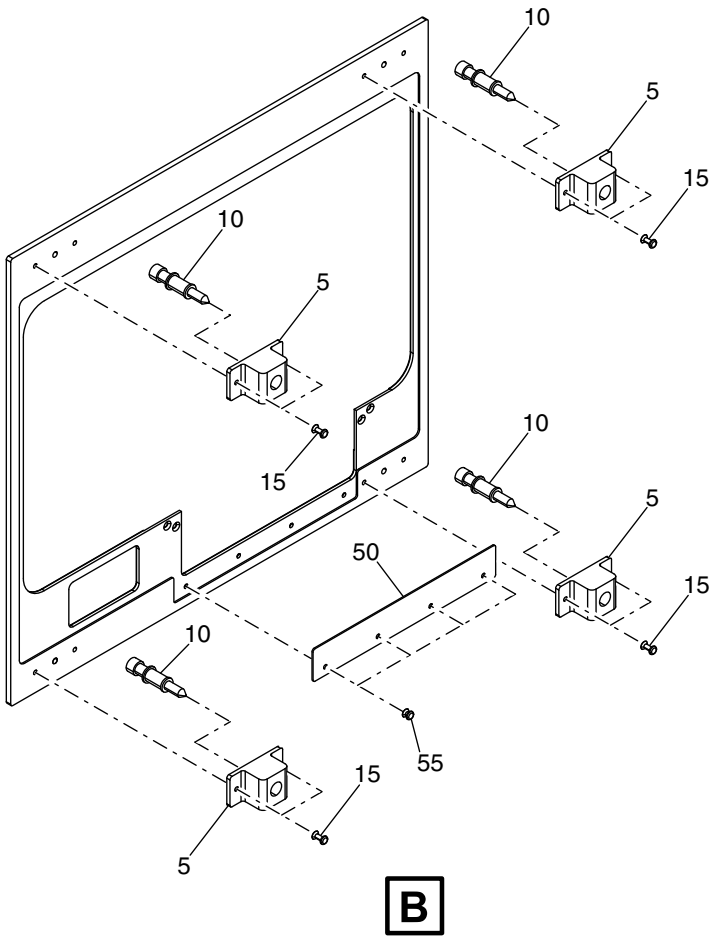
Closeout Panel Assembly
IPL Fig. 2 (Sheet 1) /GRAPHIC 44-67-03-99B-066-A01



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Closeout Panel Assembly
IPL Fig. 2 (Sheet 2) /GRAPHIC 44-67-03-99B-066-A01

FIG. ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
2 – 1	133523-01		PANEL ASSY, CLOSEOUT (V1UL05) (REF TO IPL FIG. 1, ITEM 20 FOR NHA)		RF
5	124658-01		. PLATE, SUPPORT (V1UL05)		4
			ATTACHING PARTS		
10	HW119873AB0204		. RIVET, SLD, CSK 100°, 3/32 X .375 (V1UL05) (TRUE PN IS HW119873-AB0204)		8
15	HW124336-1		. PIN, AUTO-LOCK, ADJUSTABLE GRIP (V1UL05)		4
			* * *		
20	HW132877-01		. BUMPER, RUBBER, NEOPRENE, BLACK (V1UL05)		1
25	129274-01		. END CAP ASSY, RIGHT (V1UL05)		1
			ATTACHING PARTS		
30	HW125536-3		. SCREW, FH, 82°, CRES, .099-48 UNC-2A X .188 (V1UL05)		2
			* * *		
35	129275-01		. END CAP ASSY, LEFT (V1UL05)		1
			ATTACHING PARTS		
40	HW125536-3		. SCREW, FH, 82°, CRES, .099-48 UNC-2A X .188 (V1UL05)		2
			* * *		
45	132867-01		. DOOR ASSY, FLIPPING, (UNPAINTED) (V1UL05)		1

– ITEM NOT ILLUSTRATED

FIG.	ITEM	PART NUMBER	AIRLINE STOCK NUMBER	NOMENCLATURE 1234567	EFFECT CODE	UNITS PER ASSY
2	50	129266-01		. PLATE, METALLIC (V1UL05)		1
				ATTACHING PARTS		
	55	HW119873AB0202		. RIVET, SLD, CSK 100°, 3/32 X .250 (V1UL05) (TRUE PN IS HW119873-AB0202)		4
				* * *		
	60	129301-01		. PANEL, CLOSEOUT (V1UL05)		1

– ITEM NOT ILLUSTRATED