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**Printed on: Mon, Nov 25, 1991 10:33:20**

**From book: EK-210QF-IP-002**

**Document: 210QF-CP**

**Last saved on: Mon, Nov 25, 1991 10:31:47**

**Document: FIG1-2**

**Last saved on: Mon, Nov 25, 1991 10:33:03**

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**Document: 210QF-RC**

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# ILLUSTRATED PARTS BREAKDOWN

# 210QF CABINET SYSTEM

## HOW TO USE THE IPB

### GENERAL

This IPB is compiled following the organization and nomenclature of the engineering drawing structure.

### MAJOR ASSEMBLY LOCATOR (When Applicable)

The Major Assembly Locator (first illustration) is an index that provides a description and a figure reference for all illustrations used in this manual.

### INDENTED PARTS LIST

This manual identifies each assembly being broken down (figure reference callout), and all parts of that assembly. Further breakdown of an assembly is shown by an asterisk (\*) preceding the item callouts in the Description Column. The number of asterisks preceding an item is used to denote the subordination of that item with respect to the Major Assembly. A single asterisk preceding an item description indicates that the item is part of the major assembly being illustrated. Items that are subordinate to single asterisks items, are denoted by two asterisks (\*\*) and immediately follow the related single asterisk item. This system of part identification provides a means for the user to identify the next higher assembly item and make alternate selections for parts when the required replacement part of assembly is not immediately available.

### COLUMN CALLOUT DESCRIPTION

**Figure and Item** – Indicates the figure number and item number of each part.

**Description** – Lists the name of the part and pertinent specifications (when required). Asterisks preceding the description denote the subordination of the part to the next higher assembly.

**DEC Part No.** – Lists the Digital part ordering number. A blank in this column indicates a Digital part number was not assigned at the time of publication.

**ECO Cut-In** – The notation at the top of this column indicates the ECO level of the system (option), at which the IPB was initially prepared. Subsequent ECO level designations, that modify existing parts or add new parts to the device, are inserted in the ECO Cut-In column next to the part that is added or modified.

**Used On Code** – Letters in this column correspond to the variation codes assigned in Figure 1. Parts with an Alpha notation(s) are used only in those option variations. A blank indicates that the part is used on all option variations.

**Ref Fig No.** – A cross reference between illustrations. For each Major Assembly, the number in this column denotes the figure of the next higher assembly. For all subassemblies, the number in this column denotes the figure showing additional detailed breakdown.

### PART NUMBER/PART DESCRIPTION SORT SECTION

Parts are sorted both numerically and alphabetically by description, referenced to a location within the IPB, by figure number and item number.

## REVISION HISTORY

## OTHER IPB MANUALS REFERENCED

| PRINTING     | ECO LEVEL         |                            | DATE      | OTHER IPB<br>MANUALS<br>REFERENCED        |
|--------------|-------------------|----------------------------|-----------|-------------------------------------------|
| 2nd Printing | 210QF<br>70-25775 | 00000-00001<br>00002-00007 | 28-MAR-91 |                                           |
|              |                   |                            |           | EK-BA213-IP<br>EK-H9644-IP<br>EK-ORA90-IP |

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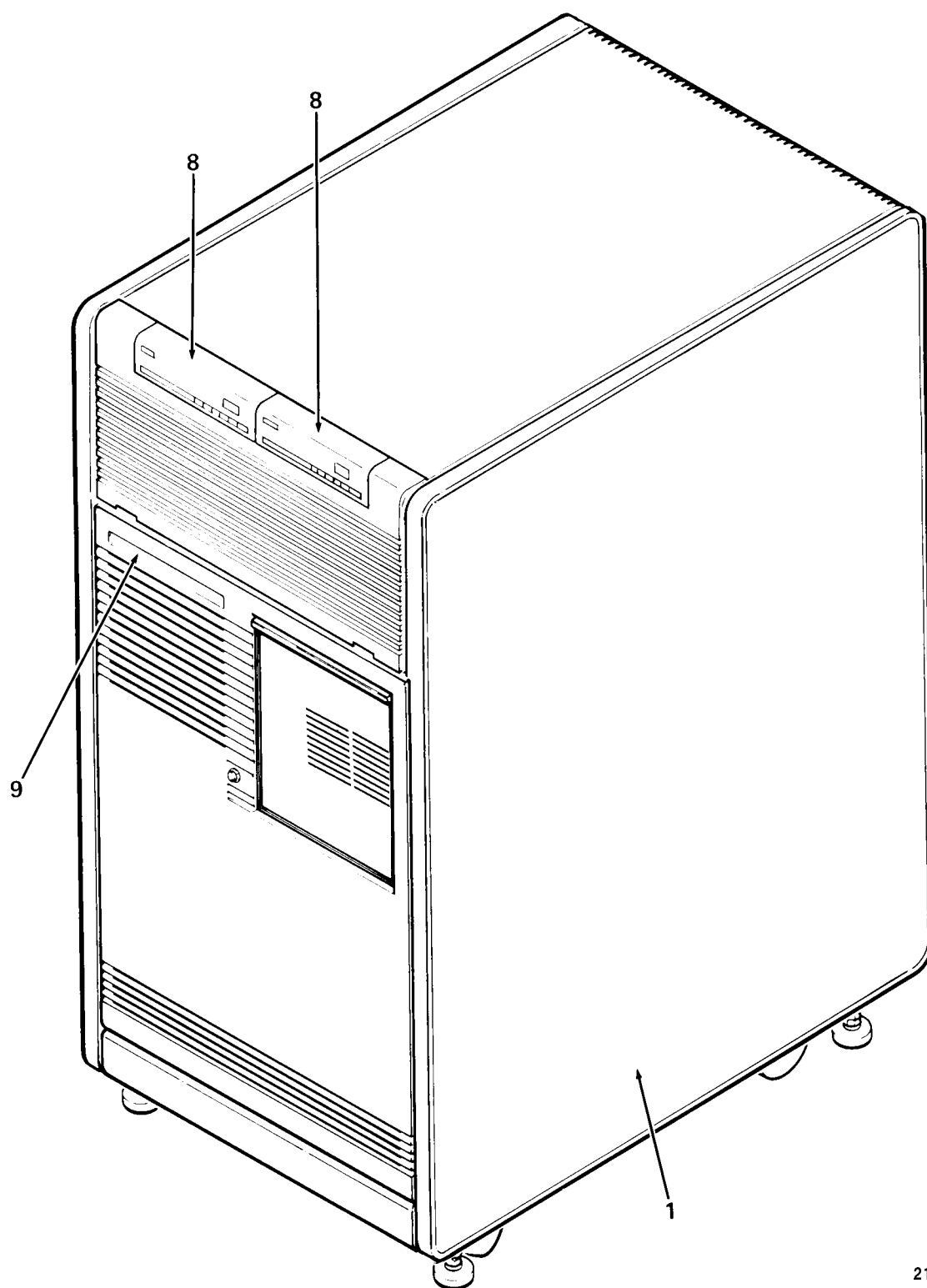
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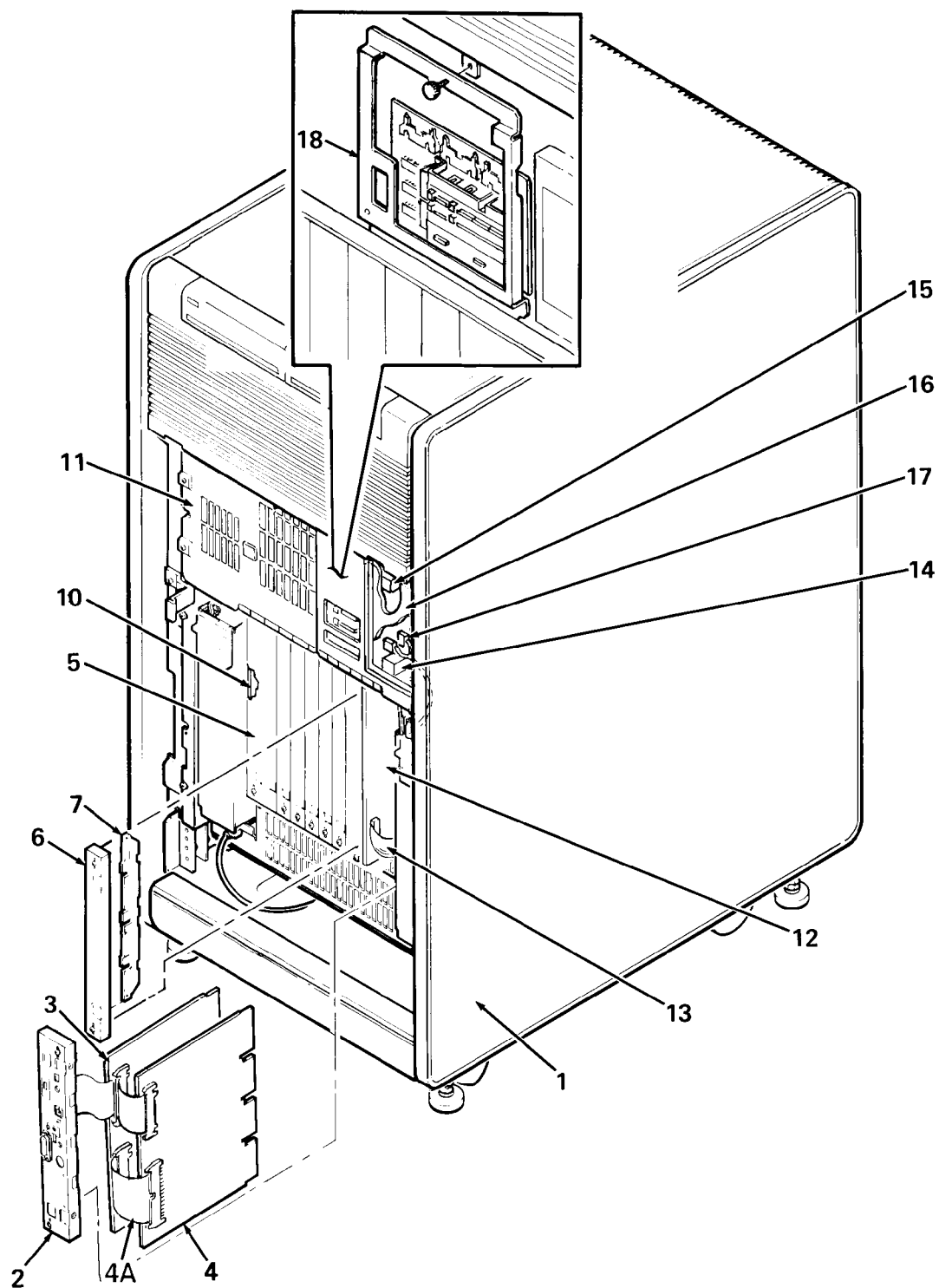
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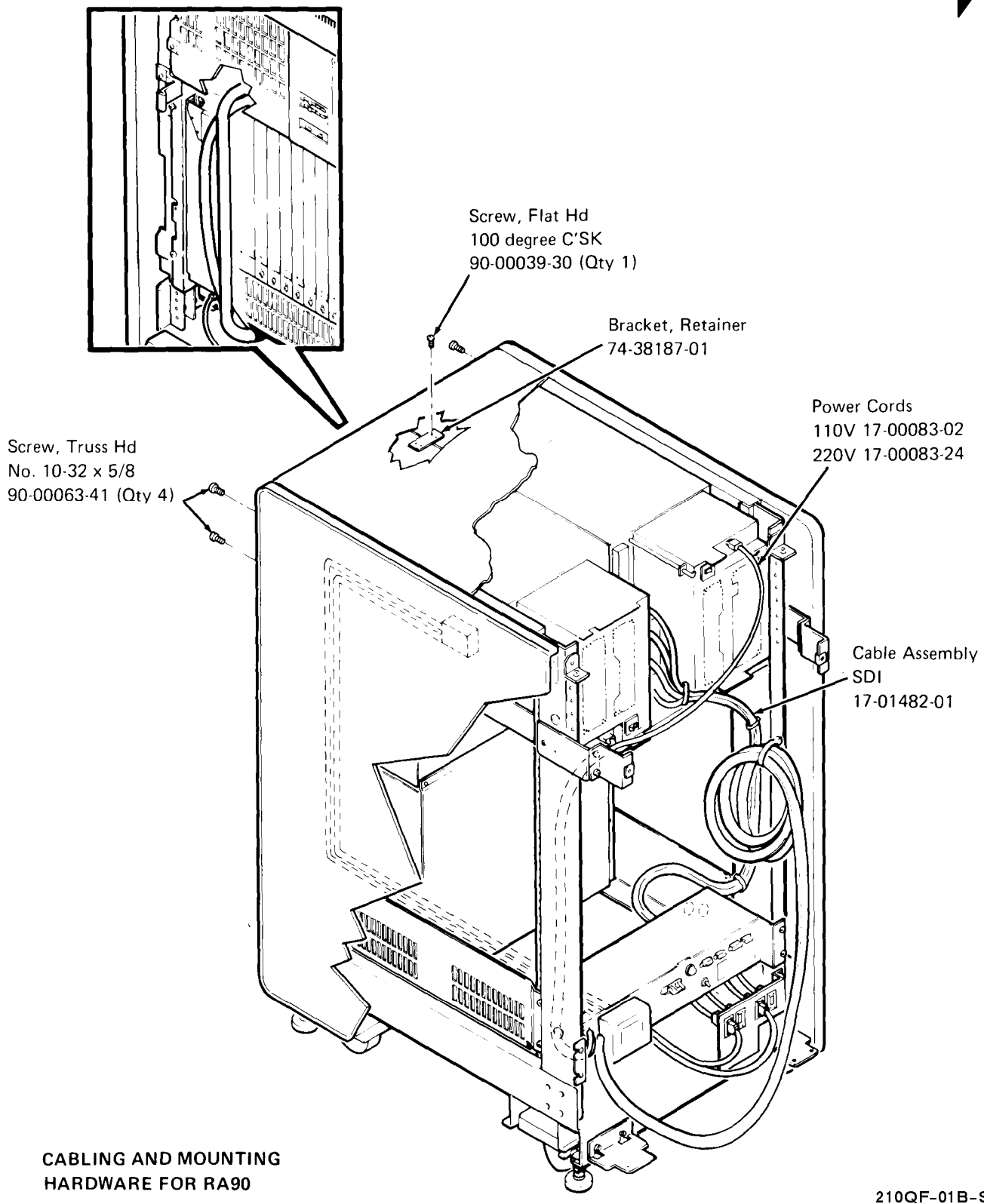
210QF-01-SC

**Figure 1. 210QF Cabinet System (Sheet 1 of 3)**



210QF-01A-SC

**Figure 1. 210QF Cabinet System (Sheet 2 of 3)**

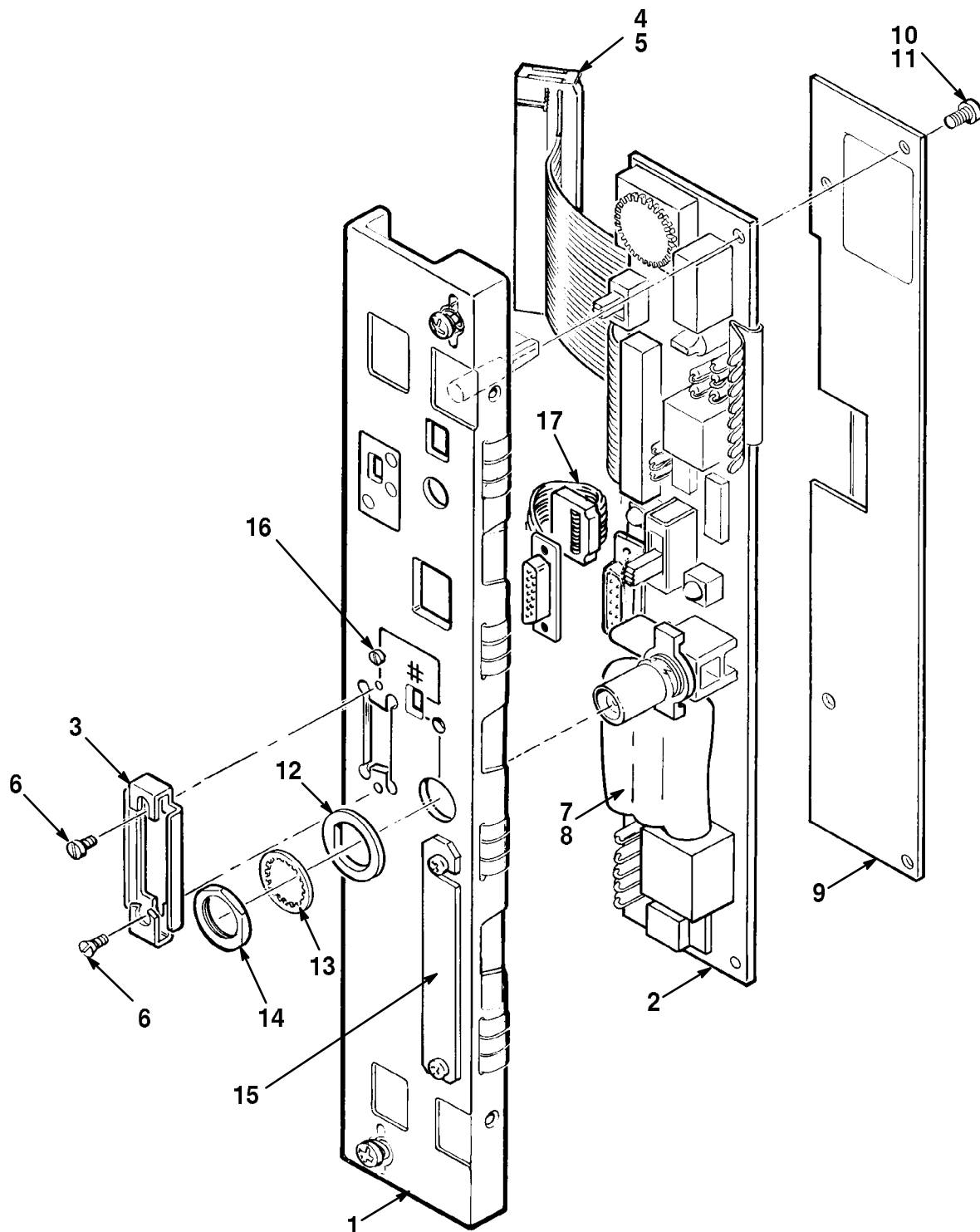


**Figure 1. 210QF Cabinet System (Sheet 3 of 3)**

| FIG.&<br>ITEM<br>NO. | DESCRIPTION                                                                                       | DEC<br>PART NO. <sup>B</sup> | ECO<br>CUT-IN<br>210QF<br>00000 | USED<br>ON<br>CODE | REF<br>FIG<br>NO. |
|----------------------|---------------------------------------------------------------------------------------------------|------------------------------|---------------------------------|--------------------|-------------------|
| 1-                   | 210QF CABINET SYSTEM                                                                              |                              |                                 |                    |                   |
|                      | Code A - Used on 210QF-A2 120V                                                                    | 210QF-A2                     |                                 | A                  |                   |
|                      | Code B - Used on 210QF-A3 240V                                                                    | 210QF-A3                     |                                 | B                  |                   |
| 1                    | *Cabinet Assembly, BA213 40 Inch 120V<br>(See IPB Manual EK-H9644-IP)                             | 70-26188-01                  |                                 | A                  |                   |
|                      | *Cabinet Assembly, BA213 40 Inch 240V<br>(See IPB Manual EK-H9644-IP)                             | 70-26188-02                  |                                 | B                  |                   |
| 2                    | *BULKHEAD ASSEMBLY, H3602 MODULE                                                                  | 70-25775-02                  |                                 |                    | 2                 |
| 3                    | *Module, KN210 CPU                                                                                | M7635-AA                     |                                 |                    |                   |
| 4                    | *Module, KN210 I/O                                                                                | M7636-AA                     |                                 |                    |                   |
| 4A                   | *Cable Assembly, 50 Cond Flat                                                                     | 17-02418-01                  |                                 |                    |                   |
| 5                    | *Bulkhead Assembly, Front Dual                                                                    | 70-23982-02                  |                                 |                    |                   |
| 6                    | *Bulkhead Assembly, Front                                                                         | 70-23981-01                  |                                 |                    |                   |
| 7                    | *Panel Assembly, Gap Filler                                                                       | 70-24071-01                  |                                 |                    |                   |
| 8                    | *Disk Drive Assembly, RA90 (Not Part of this<br>Assembly, See IPB Manual EK-0RA90-IP)             | RA90-MA                      |                                 |                    |                   |
| 9                    | *Nameplate, DECsystem 5400                                                                        | 74-34425-40                  |                                 |                    |                   |
| 10                   | *Module, Load                                                                                     | M9060-YA                     |                                 |                    |                   |
| 11                   | *Panel Assembly, Front<br>(Not Part of this Assembly, Shown here for<br>reference only.)          | 70-24534-01                  |                                 |                    |                   |
|                      | *Panel Assembly, Front (Not Shown) (Used on<br>Tapeless System)                                   | 70-23995-04                  |                                 |                    |                   |
| 12                   | *Module, 16 MB RAM Memory                                                                         | M7622-AA                     |                                 |                    |                   |
| 13                   | *Cable Assembly, 50 Cond 3 Connector                                                              | 17-01898-01                  |                                 |                    |                   |
|                      | *Cable Assembly, 50 Cond 4 Connector                                                              | 17-01898-02                  |                                 |                    |                   |
|                      | *Cable Assembly, 50 Cond 4 Connector                                                              | 17-01898-03                  |                                 |                    |                   |
| 14                   | *Mount Assembly, Bottom Shock<br>(Replaces 70-23997-01)                                           | 70-25452-03                  |                                 |                    |                   |
| 15                   | *Mount Assembly, Top Shock<br>(Replaces 70-23997-02)                                              | 70-25452-04                  |                                 |                    |                   |
| 16                   | *Filler, Tape Drive                                                                               | 74-36425-01                  |                                 |                    |                   |
| 17                   | *Harness Assembly (Right)                                                                         | 17-01362-01                  |                                 |                    |                   |
|                      | *Harness Assembly (Left) (Not Shown)                                                              | 17-01362-02                  |                                 |                    |                   |
| 18                   | *OCP Assembly (Not Part of this Assembly,<br>Shown here for reference only.)                      | 70-24538-01                  |                                 |                    |                   |
|                      | FIELD REPLACEABLE UNITS (Not Shown,<br>Listed For Reference Only)<br>(See IPB Manual EK-BA213-IP) |                              |                                 |                    |                   |
|                      | *Backplane Assembly                                                                               | 70-23712-01                  |                                 |                    |                   |
|                      | *Fan Assembly                                                                                     | 12-23609-04                  |                                 |                    |                   |
|                      | *Filter Assembly, AC Input                                                                        | 70-23769-01                  |                                 |                    |                   |

| FIG.&<br>ITEM<br>NO. | DESCRIPTION                                        | <sup>B</sup><br>DEC<br>PART NO. | ECO<br>CUT-IN<br>210QF<br>00000 | USED<br>ON<br>CODE | REF<br>FIG<br>NO. |
|----------------------|----------------------------------------------------|---------------------------------|---------------------------------|--------------------|-------------------|
| 1-                   | FIELD REPLACEABLE UNITS (Not Shown)<br>(Continued) |                                 |                                 |                    |                   |
|                      | *Power Supply Assembly 100/120V                    | H7868-A                         |                                 | A                  |                   |
|                      | *Power Supply Assembly 220/240V                    | H7868-B                         |                                 | B                  |                   |
|                      | *Switch Assembly, AC                               | 70-23999-01                     |                                 |                    |                   |
|                      | *Harness Assembly, Power Supply                    | 70-23366-01                     |                                 |                    |                   |
|                      | *Bracket, RA70 Top Drive                           | 70-24559-01                     |                                 |                    |                   |
|                      | *Bracket, RA70 Bottom Drive                        | 70-24559-02                     |                                 |                    |                   |
|                      | *Mount Assembly, RA70 Top Shock                    | 70-23997-05                     |                                 |                    |                   |
|                      | *Mount Assembly, RA70 Bottom Shock                 | 70-23997-06                     |                                 |                    |                   |
|                      | *Bracket, TKXX Top Drive                           | 74-33573-01                     |                                 |                    |                   |
|                      | *Bracket, TKXX Bottom Drive                        | 74-33573-02                     |                                 |                    |                   |
|                      | *KIT, ACCESSORY                                    | 70-27403-01                     |                                 | A                  |                   |
|                      | **Cable Assembly, 06 Cond Molded Oval              | 17-00811-03                     |                                 |                    |                   |
|                      | **Key, Plastic                                     | 12-17119-01                     |                                 |                    |                   |
|                      | **Connector, Adaptor (25 Pos)                      | 12-23599-01                     |                                 |                    |                   |
|                      | **Screwdriver, Flat Blade                          | 47-00042-00                     |                                 |                    |                   |
|                      | **Wrench, Allen Hex                                | 47-00045-00                     |                                 |                    |                   |
|                      | **Tee, BNC Coaxial                                 | 12-25869-01                     |                                 |                    |                   |
|                      | **Connector, BNC Coaxial                           | 12-26318-01                     |                                 |                    |                   |
|                      | **Label, "S-Box Module Utilization"                | 36-27923-01                     |                                 |                    |                   |
|                      | **Label, "BA2XX Rev" (Sheeted)                     | 36-29164-07                     |                                 |                    |                   |
|                      | *KIT, ACCESSORY                                    | 70-27403-02                     |                                 | B                  |                   |
|                      | **Cable Assembly, 06 Cond Molded Shielded          | 17-01364-02                     |                                 |                    |                   |
|                      | **Key, Plastic                                     | 12-17119-01                     |                                 |                    |                   |
|                      | **Connector, Adaptor (25 Pos)                      | 12-23599-01                     |                                 |                    |                   |
|                      | **Screwdriver, Flat Blade                          | 47-00042-00                     |                                 |                    |                   |
|                      | **Wrench, Allen Hex                                | 47-00045-00                     |                                 |                    |                   |
|                      | **Tee, BNC Coaxial                                 | 12-25869-01                     |                                 |                    |                   |
|                      | **Connector, BNC Coaxial                           | 12-26318-01                     |                                 |                    |                   |
|                      | **Label, "S-Box Module Utilization"                | 36-27923-01                     |                                 |                    |                   |
|                      | **Label, "BA2XX Rev" (Sheeted)                     | 36-29164-07                     |                                 |                    |                   |
|                      | *KIT, Q-BUS GRANTCONTINUITY                        | M9047-SA                        |                                 |                    |                   |
|                      | **Card, Q-Bus Grant Continuity                     | M9047-00                        |                                 |                    |                   |
|                      | **Panel, Blank Dual                                | 74-33507-01                     |                                 |                    |                   |
|                      | **Kit, Bulkhead Panel                              | 70-24505-01                     |                                 |                    |                   |
|                      | **Kit, Bulkhead Panel                              | 70-24505-02                     |                                 |                    |                   |
|                      | **Label, "Module Number"                           | 36-26883-18                     |                                 |                    |                   |

| FIG.&<br>ITEM<br>NO. | DESCRIPTION                                | <sup>B</sup><br>DEC<br>PART NO. | ECO<br>CUT-IN<br>210QF<br>00000 | USED<br>ON<br>CODE | REF<br>FIG<br>NO. |
|----------------------|--------------------------------------------|---------------------------------|---------------------------------|--------------------|-------------------|
| 1-                   | LABELS (Not Shown)                         |                                 |                                 |                    |                   |
|                      | * Label, "Module Number M7635-AA"          | 36-26883-91                     |                                 |                    |                   |
|                      | * Label, "Module Number M9060-YA"          | 36-26883-17                     |                                 |                    |                   |
|                      | * Label, "Module Number M7636-AA"          | 36-26883-92                     |                                 |                    |                   |
|                      | * Label, "Module Number M7622-A"           | 36-26883-43                     |                                 |                    |                   |
|                      | * Label, "Caution S-Box Shipping"          | 36-27924-01                     |                                 |                    |                   |
|                      | * Label, "Postcard FTZ H9644 Series"       | 36-30422-31                     |                                 |                    |                   |
|                      | * Label, "BA2XX Rev"                       | 36-29163-07                     |                                 |                    |                   |
|                      | * Label, "Module Number M9047-00"          | 36-26883-18                     |                                 |                    |                   |
|                      | * Label, "Cabinet, USA, 100V"              | 36-27838-17                     |                                 | A                  |                   |
|                      | * Label, "Cabinet, USA, 220V"              | 36-27838-18                     |                                 | B                  |                   |
|                      | * Label, "Cabinet, UK, 100V"               | 36-27838-19                     |                                 | A                  |                   |
|                      | * Label, "Cabinet, UK, 220V"               | 36-27838-20                     |                                 | B                  |                   |
|                      | * Label, "Pedestal, USA, 110V"             | 36-27838-31                     |                                 | A                  |                   |
|                      | * Label, "Pedestal, USA, 220V"             | 36-27838-28                     |                                 | B                  |                   |
|                      | * Label, "Pedestal, UK, 110V"              | 36-27838-30                     |                                 | A                  |                   |
|                      | * Label, "Pedestal, UK, 220V"              | 36-27838-29                     |                                 | B                  |                   |
|                      | * Label, "Telecom Approval, Japan" (added) | 36-33180-11                     | 00001                           | A                  |                   |



210QF-02-SC

**Figure 2. Module Assembly, H3602 Bulkhead**

| FIG.&<br>ITEM<br>NO. | DESCRIPTION                                                | DEC<br>PART NO. | ECO<br>CUT-IN<br>70-25775<br>00002 | USED<br>ON<br>CODE | REF<br>FIG<br>NO. |
|----------------------|------------------------------------------------------------|-----------------|------------------------------------|--------------------|-------------------|
| 2-                   | MODULE ASSEMBLY, H3602 BULKHEAD                            | 70-25775-02     |                                    |                    | 1                 |
| 1                    | *Bulkhead Assembly, Front Dual<br>(Replaces 70-23982-09)   | 70-23982-14     | 00004                              |                    |                   |
| 2                    | *Module, SLU Console<br>(Replaces 54-17381-01)             | 54-17381-03     | 00004                              |                    |                   |
| 3                    | *Latch Assembly, 15 Pin, Slide w/o<br>Hardware             | 12-18489-03     |                                    |                    |                   |
| 4                    | *Cable Assembly, 40 Cond Flat                              | 17-02430-01     |                                    |                    |                   |
| 5                    | *Tape, Foam (deleted)                                      | 90-08228-00     | 00006                              |                    |                   |
| 6                    | *Latch Assembly, 2 Piece Slide<br>w/Hardware (added)       | 12-18489-04     | 00006                              |                    |                   |
| 7                    | *Battery, 3 Cell, 3.75V                                    | 12-19245-01     |                                    |                    |                   |
| 8                    | *Tape, Velcro                                              | 12-26595-02     |                                    |                    |                   |
| 9                    | *Insulator, Shield<br>(Replaces 74-37167-01)               | 74-37167-02     | 00004                              |                    |                   |
| 10                   | *Washer, Internal Tooth Lock No. 10 (deleted)              | 90-06635-00     | 00006                              |                    |                   |
| 11                   | *Screw, Truss Hd No. 6-32 x 5/16<br>(replaces 90-08404-02) | 90-00063-78     | 00006                              |                    |                   |
| 12                   | *Bushing, Mylar (deleted)                                  | 12-20575-01     | 00007                              |                    |                   |
| 13                   | *Washer, BNC Internal Tooth Lock                           | 90-00037-05     |                                    |                    |                   |
| 14                   | *Nut, Hex No. 1/2-28                                       | 90-10563-01     |                                    |                    |                   |
| 15                   | *Carrier, Label (deleted)                                  | 74-34429-01     | 00006                              |                    |                   |
| 16                   | *Screw, Thd RI No. 4-40 x 5/16                             | 90-00063-02     |                                    |                    |                   |
| 17                   | *Cable Assembly, 50 Cond Flat Ribbon (deleted)             | 17-02130-01     | 00007                              |                    |                   |
|                      | LABELS (Not Shown)                                         |                 |                                    |                    |                   |
|                      | *Label, "Baud Select"                                      | 36-26584-01     |                                    |                    |                   |
|                      | *Label, "Debet Ethernet Address" (deleted)                 | 36-25542-02     | 00006                              |                    |                   |
|                      | *Label, "Direct Thermal" (deleted)                         | 36-28231-08     | 00006                              |                    |                   |
|                      |                                                            |                 |                                    |                    | Ω                 |

## **PART NUMBER/DESCRIPTION INDEX**

**INDEX BY DEC PART NUMBER**  
**210QF CABINET SYSTEM**

| <b>PART NO.</b> | <b>DESCRIPTION</b>                            | <b>FIG NO.</b> | <b>ITEM NO.</b> |
|-----------------|-----------------------------------------------|----------------|-----------------|
| 12-17119-01     | Key, Plastic                                  | 1              | Not Shown       |
| 12-18489-03     | Latch Assembly, 15 Pin, Slide w/o Hardware    | 2              | 3               |
| 12-18489-04     | Latch Assembly, 2 Piece Slide w/Hardware      | 2              | 6(added)        |
| 12-19245-01     | Battery, 3 Cell, 3.75V                        | 2              | 7               |
| 12-20575-01     | Bushing, Mylar (deleted)                      | 2              | 12              |
| 12-23599-01     | Connector, Adaptor (25 Pos)                   | 1              | Not Shown       |
| 12-23609-04     | Fan Assembly                                  | 1              | Not Shown       |
| 12-25869-01     | Tee, BNC Coaxial                              | 1              | Not Shown       |
| 12-26318-01     | Connector, BNC Coaxial                        | 1              | Not Shown       |
| 12-26595-02     | Tape, Velcro                                  | 2              | 8               |
| 17-00811-03     | Cable Assembly, 06 Cond Molded Oval           | 1              | Not Shown       |
| 17-01362-01     | Harness Assembly (Right)                      | 1              | 17              |
| 17-01362-02     | Harness Assembly (Left) (Not Shown)           | 1              | 17              |
| 17-01364-02     | Cable Assembly, 06 Cond Molded Shielded       | 1              | Not Shown       |
| 17-01898-01     | Cable Assembly, 50 Cond 3 Connector           | 1              | 13              |
| 17-01898-02     | Cable Assembly, 50 Cond 4 Connector           | 1              | 13              |
| 17-01898-03     | Cable Assembly, 50 Cond 4 Connector           | 1              | 13              |
| 17-02130-01     | Cable Assembly, 50 Cond Flat Ribbon (deleted) | 2              | 17              |
| 17-02418-01     | Cable Assembly, 50 Cond Flat                  | 1              | 4A              |
| 17-02430-01     | Cable Assembly, 40 Cond Flat                  | 2              | 4               |
| 36-25542-02     | Label, "Debet Ethernet Address" (deleted)     | 2              | Not Shown       |
| 36-26584-01     | Label, "Baud Select"                          | 2              | Not Shown       |
| 36-26883-17     | Label, "Module Number M9060-YA"               | 1              | Not Shown       |
| 36-26883-18     | Label, "Module Number M9047-00"               | 1              | Not Shown       |
| 36-26883-18     | Label, "Module Number"                        | 1              | Not Shown       |
| 36-26883-43     | Label, "Module Number M7622-A"                | 1              | Not Shown       |
| 36-26883-91     | Label, "Module Number M7635-AA"               | 1              | Not Shown       |
| 36-26883-92     | Label, "Module Number M7636-AA"               | 1              | Not Shown       |
| 36-27838-17     | Label, "Cabinet, USA, 100V"                   | 1              | Not Shown       |
| 36-27838-18     | Label, "Cabinet, USA, 220V"                   | 1              | Not Shown       |
| 36-27838-19     | Label, "Cabinet, UK, 100V"                    | 1              | Not Shown       |
| 36-27838-20     | Label, "Cabinet, UK, 220V"                    | 1              | Not Shown       |
| 36-27838-28     | Label, "Pedestal, USA, 220V"                  | 1              | Not Shown       |
| 36-27838-29     | Label, "Pedestal, UK, 220V"                   | 1              | Not Shown       |
| 36-27838-30     | Label, "Pedestal, UK, 110V"                   | 1              | Not Shown       |
| 36-27838-31     | Label, "Pedestal, USA, 110V"                  | 1              | Not Shown       |
| 36-27923-01     | Label, "S-Box Module Utilization"             | 1              | Not Shown       |
| 36-27924-01     | Label, "Caution S-Box Shipping"               | 1              | Not Shown       |
| 36-28231-08     | Label, "Direct Thermal" (deleted)             | 2              | Not Shown       |
| 36-29163-07     | Label, "BA2XX Rev"                            | 1              | Not Shown       |
| 36-29164-07     | Label, "BA2XX Rev" (Sheeted)                  | 1              | Not Shown       |
| 36-30422-31     | Label, "Postcard FTZ H9644 Series"            | 1              | Not Shown       |
| 36-33180-11     | Label, "Telecom Approval, Japan" (added)      | 1              | Not Shown       |
| 47-00042-00     | Screwdriver, Flat Blade                       | 1              | Not Shown       |
| 47-00045-00     | Wrench, Allen Hex                             | 1              | Not Shown       |
| 54-17381-03     | Module, SLU Console (Replaces 54-17381-01)    | 2              | 2               |
| 70-23366-01     | Harness Assembly, Power Supply                | 1              | Not Shown       |
| 70-23712-01     | Backplane Assembly                            | 1              | Not Shown       |
| 70-23769-01     | Filter Assembly, AC Input                     | 1              | Not Shown       |
| 70-23981-01     | Bulkhead Assembly, Front                      | 1              | 6               |
| 70-23982-02     | Bulkhead Assembly, Front Dual                 | 1              | 5               |

**INDEX BY DEC PART NUMBER**  
**210QF CABINET SYSTEM**

| <b>PART NO.</b> | <b>DESCRIPTION</b>                                        | <b>FIG NO.</b> | <b>ITEM NO.</b> |
|-----------------|-----------------------------------------------------------|----------------|-----------------|
| 70-23982-14     | Bulkhead Assembly, Front Dual(Replaces 70-23982-09)       | 1              | 1               |
| 70-23995-04     | Panel Assembly, Front (Not Shown)                         | 1              | 11              |
| 70-23997-05     | Mount Assembly, RA70 Top Shock                            | 1              | Not Shown       |
| 70-23997-06     | Mount Assembly, RA70 Bottom Shock                         | 1              | Not Shown       |
| 70-23999-01     | Switch Assembly, AC                                       | 1              | Not Shown       |
| 70-24071-01     | Panel Assembly, Gap Filler                                | 1              | 7               |
| 70-24505-01     | Kit, Bulkhead Panel                                       | 1              | Not Shown       |
| 70-24505-02     | Kit, Bulkhead Panel                                       | 1              | Not Shown       |
| 70-24534-01     | Panel Assembly, Front                                     | 1              | 11              |
| 70-24538-01     | OCP Assembly                                              | 1              | 18              |
| 70-24559-01     | Bracket, RA70 Top Drive                                   | 1              | Not Shown       |
| 70-24559-02     | Bracket, RA70 Bottom Drive                                | 1              | Not Shown       |
| 70-25452-03     | Mount Assembly, Bottom Shock<br>(Replaces 70-23997-01)    | 1              | 14              |
| 70-25452-04     | Mount Assembly, Top Shock (Replaces 70-23997-02)          | 1              | 15              |
| 70-25775-02     | MODULE ASSEMBLY, H3602 BULKHEAD                           | 2              | N/A             |
| 70-25775-02     | BULKHEAD ASSEMBLY, H3602 MODULE                           | 1              | 2               |
| 70-26188-01     | Cabinet Assembly, BA213 40 Inch 120V                      | 1              | 1               |
| 70-26188-02     | Cabinet Assembly, BA213 40 Inch 240V                      | 1              | 1               |
| 70-27403-01     | KIT, ACCESSORY                                            | 1              | Not Shown       |
| 70-27403-02     | KIT, ACCESSORY                                            | 1              | Not Shown       |
| 74-33507-01     | Panel, Blank Dual                                         | 1              | Not Shown       |
| 74-33573-01     | Bracket, TKXX Top Drive                                   | 1              | Not Shown       |
| 74-33573-02     | Bracket, TKXX Bottom Drive                                | 1              | Not Shown       |
| 74-34425-40     | Nameplate, DECsystem 5400                                 | 1              | 9               |
| 74-34429-01     | Carrier, Label (deleted)                                  | 2              | 15              |
| 74-36425-01     | Filler, Tape Drive                                        | 1              | 16              |
| 74-37167-02     | Insulator, Shield (Replaces 74-37167-01)                  | 2              | 9               |
| 90-00037-05     | Washer, BNC Internal Tooth Lock                           | 2              | 13              |
| 90-00063-02     | Screw, Thd RI No. 4-40 x 5/16                             | 2              | 16              |
| 90-00063-78     | Screw, Truss Hd No. 6-32 x 5/16<br>(Replaces 90-08404-02) | 2              | 11              |
| 90-06635-00     | Washer, Internal Tooth Lock No. 10 (deleted)              | 2              | 10              |
| 90-08228-00     | Tape, Foam                                                | 2              | 5               |
| 90-10563-01     | Nut, Hex No. 1/2-28                                       | 2              | 14              |
| 210QF-A2        | 210QF-A2 120V                                             | 1              | N/A             |
| 210QF-A3        | 210QF-A3 240V                                             | 1              | N/A             |
| H7868-A         | Power Supply Assembly 100/120V                            | 1              | Not Shown       |
| H7868-B         | Power Supply Assembly 220/240V                            | 1              | Not Shown       |
| M7622-AA        | Module, 16 MB RAM Memory                                  | 1              | 12              |
| M7635-AA        | Module, KN210 CPU                                         | 1              | 3               |
| M7636-AA        | Module, KN210 I/O                                         | 1              | 4               |
| M9047-00        | Card, Q-Bus Grant Continuity                              | 1              | Not Shown       |
| M9047-SA        | KIT, Q-BUS GRANT CONTINUITY                               | 1              | Not Shown       |
| M9060-YA        | Module, Load                                              | 1              | 10              |
| N/A             | 210QF CABINET SYSTEM                                      | 1              | N/A             |
| RA90-MA         | Disk Drive Assembly, RA90                                 | 1              | 8               |

**INDEX BY DEC PART DESCRIPTION**  
**210QF CABINET SYSTEM**

| DESCRIPTION                                          | DEC<br>PART NO. | FIG.<br>NO. | ITEM<br>NO. |
|------------------------------------------------------|-----------------|-------------|-------------|
| 210QF CABINET SYSTEM                                 | N/A             | 1           | N/A         |
| 210QF-A2 120V                                        | 210QF-A2        | 1           | N/A         |
| 210QF-A3 240V                                        | 210QF-A3        | 1           | N/A         |
| Backplane Assembly                                   | 70-23712-01     | 1           | Not Shown   |
| Battery, 3 Cell, 3.75V                               | 12-19245-01     | 2           | 7           |
| Bracket, RA70 Bottom Drive                           | 70-24559-02     | 1           | Not Shown   |
| Bracket, RA70 Top Drive                              | 70-24559-01     | 1           | Not Shown   |
| Bracket, TKXX Bottom Drive                           | 74-33573-02     | 1           | Not Shown   |
| Bracket, TKXX Top Drive                              | 74-33573-01     | 1           | Not Shown   |
| Bulkhead Assembly, Front                             | 70-23981-01     | 1           | 6           |
| Bulkhead Assembly, Front Dual                        | 70-23982-02     | 1           | 5           |
| Bulkhead Assembly, Front Dual (Replaces 70-23982-09) | 70-23982-14     | 2           | 1           |
| BULKHEAD ASSEMBLY, H3602 MODULE                      | 70-25775-02     | 1           | 2           |
| Bushing, Mylar (deleted)                             | 12-20575-01     | 2           | 12          |
| Cabinet Assembly, BA213 40 Inch 120V                 | 70-26188-01     | 1           | 1           |
| Cabinet Assembly, BA213 40 Inch 240V                 | 70-26188-02     | 1           | 1           |
| Cable Assembly, 06 Cond Molded Oval                  | 17-00811-03     | 1           | Not Shown   |
| Cable Assembly, 06 Cond Molded Shielded              | 17-01364-02     | 1           | Not Shown   |
| Cable Assembly, 40 Cond Flat                         | 17-02430-01     | 2           | 4           |
| Cable Assembly, 50 Cond 3 Connector                  | 17-01898-01     | 1           | 13          |
| Cable Assembly, 50 Cond 4 Connector                  | 17-01898-02     | 1           | 13          |
| Cable Assembly, 50 Cond 4 Connector                  | 17-01898-03     | 1           | 13          |
| Cable Assembly, 50 Cond Flat                         | 17-02418-01     | 1           | 4A          |
| Cable Assembly, 50 Cond Flat Ribbon (deleted)        | 17-02130-01     | 2           | 17          |
| Card, Q-Bus Grant Continuity                         | M9047-00        | 1           | Not Shown   |
| Carrier, Label (deleted)                             | 74-34429-01     | 2           | 15          |
| Connector, Adaptor (25 Pos)                          | 12-23599-01     | 1           | Not Shown   |
| Connector, BNC Coaxial                               | 12-26318-01     | 1           | Not Shown   |
| Disk Drive Assembly, RA90                            | RA90-MA         | 1           | 8           |
| Fan Assembly                                         | 12-23609-04     | 1           | Not Shown   |
| Filler, Tape Drive                                   | 74-36425-01     | 1           | 16          |
| Filter Assembly, AC Input                            | 70-23769-01     | 1           | Not Shown   |
| Harness Assembly (Left) (Not Shown)                  | 17-01362-02     | 1           | 17          |
| Harness Assembly (Right)                             | 17-01362-01     | 1           | 17          |
| Harness Assembly, Power Supply                       | 70-23366-01     | 1           | Not Shown   |
| Insulator, Shield (Replaces 74-37167-01)             | 74-37167-02     | 2           | 9           |
| Key, Plastic                                         | 12-17119-01     | 1           | Not Shown   |
| KIT, ACCESSORY                                       | 70-27403-01     | 1           | Not Shown   |
| KIT, ACCESSORY                                       | 70-27403-02     | 1           | Not Shown   |
| Kit, Bulkhead Panel                                  | 70-24505-02     | 1           | Not Shown   |
| Kit, Bulkhead Panel                                  | 70-24505-01     | 1           | Not Shown   |
| KIT, Q-BUS GRANT CONTINUITY                          | M9047-SA        | 1           | Not Shown   |
| Label, "BA2XX Rev"                                   | 36-29163-07     | 1           | Not Shown   |
| Label, "BA2XX Rev" (Sheeted)                         | 36-29164-07     | 1           | Not Shown   |
| Label, "Baud Select"                                 | 36-26584-01     | 2           | Not Shown   |
| Label, "Cabinet, UK, 100V"                           | 36-27838-19     | 1           | Not Shown   |
| Label, "Cabinet, UK, 220V"                           | 36-27838-20     | 1           | Not Shown   |

**INDEX BY DEC PART DESCRIPTION**  
**640QS PEDESTAL SYSTEM**

| DESCRIPTION                                            | DEC<br>PART NO. | FIG.<br>NO. | ITEM<br>NO. |
|--------------------------------------------------------|-----------------|-------------|-------------|
| Label, "Cabinet, USA, 100V"                            | 36-27838-17     | 1           | Not Shown   |
| Label, "Cabinet, USA, 220V"                            | 36-27838-18     | 1           | Not Shown   |
| Label, "Caution S-Box Shipping"                        | 36-27924-01     | 1           | Not Shown   |
| Label, "Debet Ethernet Address" (deleted)              | 36-25542-02     | 2           | Not Shown   |
| Label, "Direct Thermal" (deleted)                      | 36-28231-08     | 2           | Not Shown   |
| Label, "Module Number M7622-A"                         | 36-26883-43     | 1           | Not Shown   |
| Label, "Module Number M7635-AA"                        | 36-26883-91     | 1           | Not Shown   |
| Label, "Module Number M7636-AA"                        | 36-26883-92     | 1           | Not Shown   |
| Label, "Module Number M9047-00"                        | 36-26883-18     | 1           | Not Shown   |
| Label, "Module Number M9060-YA"                        | 36-26883-17     | 1           | Not Shown   |
| Label, "Module Number"                                 | 36-26883-18     | 1           | Not Shown   |
| Label, "Pedestal, UK, 110V"                            | 36-27838-30     | 1           | Not Shown   |
| Label, "Pedestal, UK, 220V"                            | 36-27838-29     | 1           | Not Shown   |
| Label, "Pedestal, USA, 110V"                           | 36-27838-31     | 1           | Not Shown   |
| Label, "Pedestal, USA, 220V"                           | 36-27838-28     | 1           | Not Shown   |
| Label, "Postcard FTZ H9644 Series"                     | 36-30422-31     | 1           | Not Shown   |
| Label, "S-Box Module Utilization"                      | 36-27923-01     | 1           | Not Shown   |
| Label, "Telecom Approval, Japan" (added)               | 36-33180-11     | 1           | Not Shown   |
| Latch Assembly, 15 Pin, Slide w/o Hardware             | 12-18489-03     | 2           | 3           |
| Latch Assembly, 2 Piece Slide w/Hardware (added)       | 12-18489-04     | 2           | 6           |
| MODULE ASSEMBLY, H3602 BULKHEAD                        | 70-25775-02     | 2           | N/A         |
| Module, 16 MB RAM Memory                               | M7622-AA        | 1           | 12          |
| Module, KN210 CPU                                      | M7635-AA        | 1           | 3           |
| Module, KN210 I/O                                      | M7636-AA        | 1           | 4           |
| Module, Load                                           | M9060-YA        | 1           | 10          |
| Module, SLU Console (Replaces 54017381-01)             | 54-17381-03     | 2           | 2           |
| Mount Assembly, Bottom Shock (Replaces 70-23997-01)    | 70-25452-03     | 1           | 14          |
| Mount Assembly, RA70 Bottom Shock                      | 70-23997-06     | 1           | Not Shown   |
| Mount Assembly, RA70 Top Shock                         | 70-23997-05     | 1           | Not Shown   |
| Mount Assembly, Top Shock (Replaces 70-23997-02)       | 70-25452-04     | 1           | 15          |
| Nameplate, DECsystem 5400                              | 74-34425-40     | 1           | 9           |
| Nut, Hex No. 1/2-28                                    | 90-10563-01     | 2           | 14          |
| OCP Assembly                                           | 70-24538-01     | 1           | 18          |
| Panel Assembly, Front                                  | 70-24534-01     | 1           | 11          |
| Panel Assembly, Front (Not Shown)                      | 70-23995-04     | 1           | 11          |
| Panel Assembly, Gap Filler                             | 70-24071-01     | 1           | 7           |
| Panel, Blank Dual                                      | 74-33507-01     | 1           | Not Shown   |
| Power Supply Assembly 100/120V                         | H7868-A         | 1           | Not Shown   |
| Power Supply Assembly 220/240V                         | H7868-B         | 1           | Not Shown   |
| Screw, Thd RI No. 4-40 x 5/16                          | 90-00063-02     | 2           | 16          |
| Screw, Truss Hd No. 6-32 x 5/16 (Replaces 90-08404-02) | 90-00063-78     | 2           | 11          |
| Screwdriver, Flat Blade                                | 47-00042-00     | 1           | Not Shown   |
| Switch Assembly, AC                                    | 70-23999-01     | 1           | Not Shown   |
| Tape, Foam                                             | 90-08228-00     | 2           | 5           |
| Tape, Velcro                                           | 12-26595-02     | 2           | 8           |
| Tee, BNC Coaxial                                       | 12-25869-01     | 1           | Not Shown   |
| Washer, BNC Internal Tooth Lock                        | 90-00037-05     | 2           | 13          |
| Washer, Internal Tooth Lock No. 10 (deleted)           | 90-06635-00     | 2           | 10          |
| Wrench, Allen Hex                                      | 47-00045-00     | 1           | Not Shown   |

# READER'S COMMENTS

210QF Cabinet System™  
Illustrated Parts Breakdown  
EK-210QF-IP-002

## 1. How did you use this manual? (Circle your response.)

- (a) Installation (c) Maintenance (e) Training  
(b) Operation/Use (d) Programming (f) Other (Please specify) \_\_\_\_\_

## 2. Did the manual meet your needs? Yes ☐ No ☐ Why? \_\_\_\_\_

## 3. Please rate the manual on the following categories. (Circle your response.)

|                         | Excellent | Good | Fair | Poor | Unacceptable |
|-------------------------|-----------|------|------|------|--------------|
| Accuracy                | 5         | 4    | 3    | 2    | 1            |
| Clarity                 | 5         | 4    | 3    | 2    | 1            |
| Completeness            | 5         | 4    | 3    | 2    | 1            |
| Illustrations, examples | 5         | 4    | 3    | 2    | 1            |
| Overall ease of use     | 5         | 4    | 3    | 2    | 1            |
| Table of Content, Index | 5         | 4    | 3    | 2    | 1            |

## 4. What things did you like *most* about this manual? \_\_\_\_\_

## 5. What things did you like *least* about this manual? \_\_\_\_\_

## 6. Please list and describe any errors you found in the manual.

| Page  | Description/Location of Error |
|-------|-------------------------------|
| _____ | _____                         |
| _____ | _____                         |
| _____ | _____                         |
| _____ | _____                         |

## 7. Which of the following most clearly describes your job ? (Circle your response.)

- (a) Administrative Support (e) System Manager (i) Education/Trainer  
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(c) Scientist/Engineer (g) Software Support (k) Other (Please specify)  
(d) Programmer/Analyst (h) Hardware Support \_\_\_\_\_

### OPTIONAL INFORMATION

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