Field Feature Bill of Material (FFBM)

PN 09G2967

INSTALLATION of the Expansion Enclosure (FC 5015)

in IBM 3746 Model 900

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IBM   Installation Instructions

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Before Installation (Steps 1-8)

1.0 Machines Affected

3746 Model 900.

2.0 Related BMs and ECs

2.1 Prerequisites

(Must be installed prior to this installation)

- EC microcode D22482.

- EC documentation C38776.
  Checkpoint: EC level on PRD sheet (vol 1).

2.2 Concurrent

(Must be installed together)
None.

2.3 Companion

(Must be installed separately)
None.

3.0 BMs to be Installed

- FFBM - 09G2967 - Installation instructions

- FFBM - 09G2967 - Expansion Enclosure installation

4.0 Preparation

___ 1. Familiarize yourself with the purpose and details of these installation instructions before negotiating machine time with the customer.

___ 2. Check all the items and count the parts listed on the BM(s) to be installed to verify whether all parts were received.

5.0 Programming

None.

6.0 Purpose and Description

Install an expansion enclosure and associated cabling in a 3746 Model 900.

7.0 Installation Time

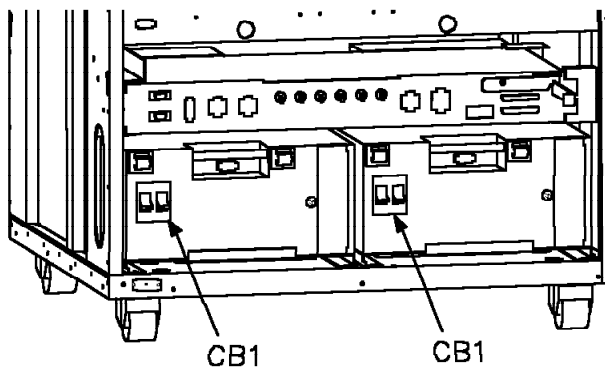| FFBM Installed	Machine Hours	System Hours
09G2967	1.0	0.0

8.0 Tools/Materials Required

ESD kit (PN 6428316).

Installation (Steps 9-11)

9.0 Safety

- This installation must be performed 3746-900 power off.

- Review the **Safety Inspection Procedures** and the **Safety Notices** located at the beginning of the *3745 Maintenance Information Procedure (MIP)* manual, SY33-2054.

10.0 Details of Installation

___ 1. Ask the customer to deactivate all the lines connected to the 3746-900.

___ 2. From the control panel of the 3746-900, set the **Power Control** indicator to **3**, and press the **Validate** key.

___ 3. Press the **Standby** key and wait for Standby indicator to remain on.

___ 4. Open the front and rear system covers.

___ 5. Switch OFF the CB1(s).

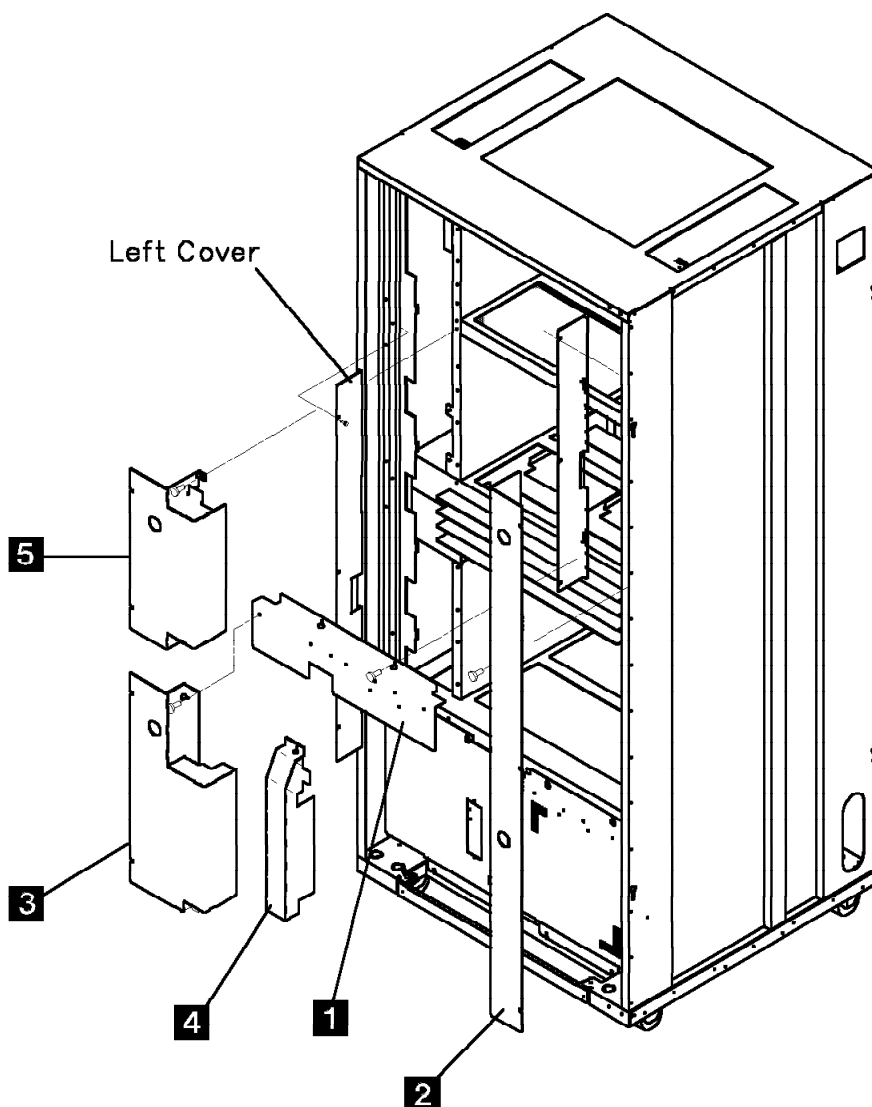| 3746	PN 09G2967	EC D55653				
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10.1 Hardware Installation
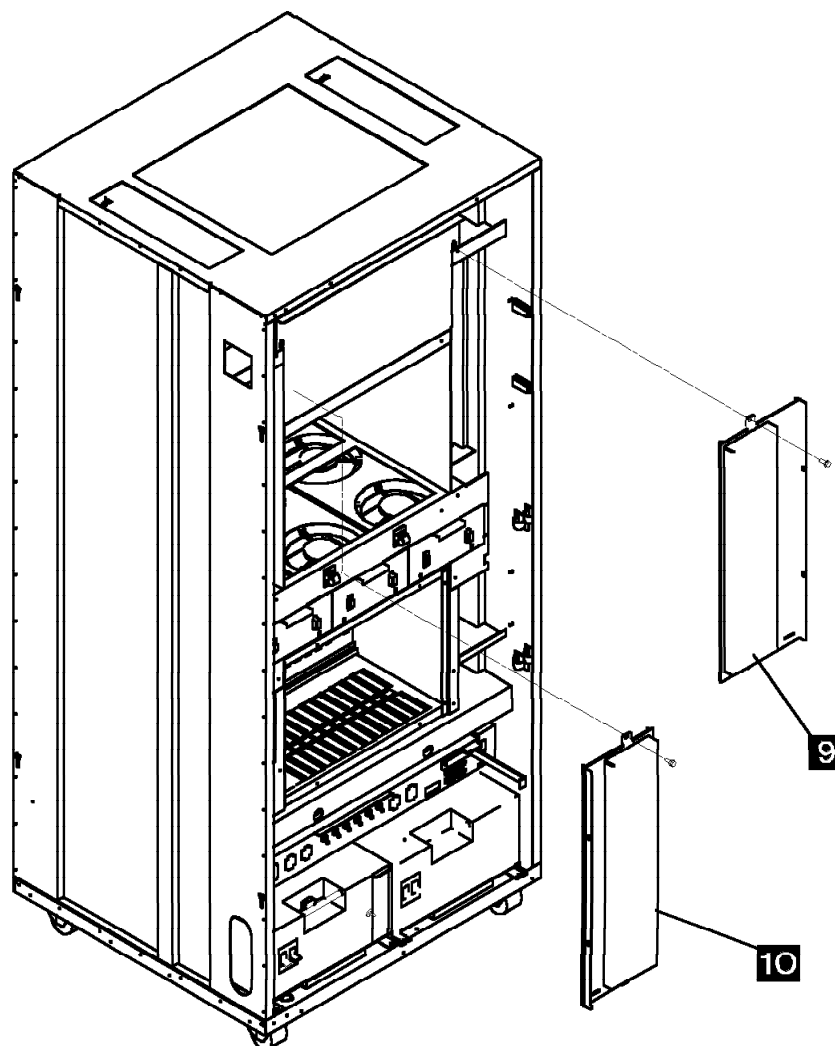
10.1.1 Covers Removal
From the rear of the 3746-900:

___ 1. Unfasten the 4 screws of cover **5** . Remove the cover and save for reinstallation.

___ 2. Unfasten the 4 screws of cover **3** . Remove the cover and save for reinstallation.

___ 3. Unfasten the 3 screws of the left cover. Remove the cover and save for reinstallation.

___ 4. Unfasten the 2 screws of cover **4** . Remove the cover and save for reinstallation.

___ 5. If present, remove cable(s) from clamp(s) on the cover **1** .

___ 6. Unfasten the 2 screws of cover **1** . Remove the cover and save for reinstallation.

___ 7. Unfasten the 5 screws of cover **2** . Remove the cover and save for reinstallation.

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From the front of the 3746-900:

___ 8. Remove the cover **9** (2 screws). Save parts for reinstallation.

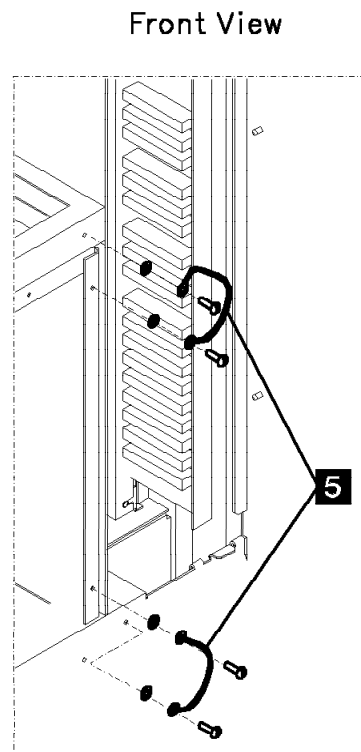___ 9. Remove the cover **10** (2 screws). Save parts for reinstallation.

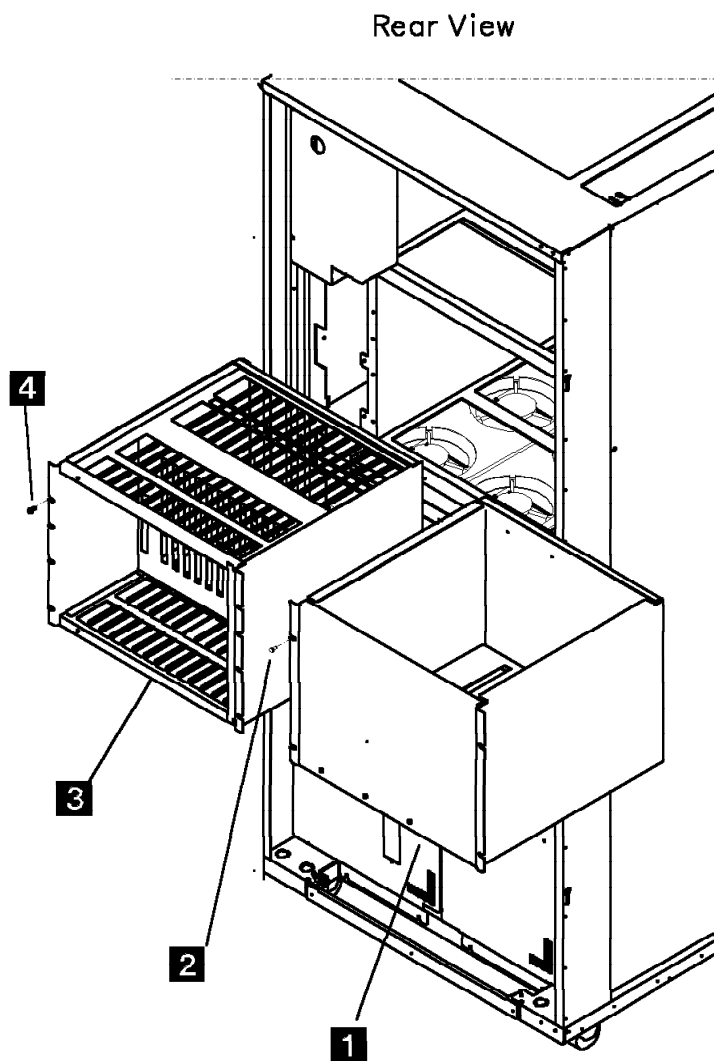| 3746	PN 09G2967	EC D55653				
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10.1.2 Enclosure Installation

From the rear of the 3746-900:

___ 1. Remove the dummy enclosure **1** (four screws **2**).

___ 2. Slide the enclosure **3** (PN 03F7365) into the frame.

___ 3. Secure with eight screws **4** (PN 1621210).

From the front of the 3746-900:

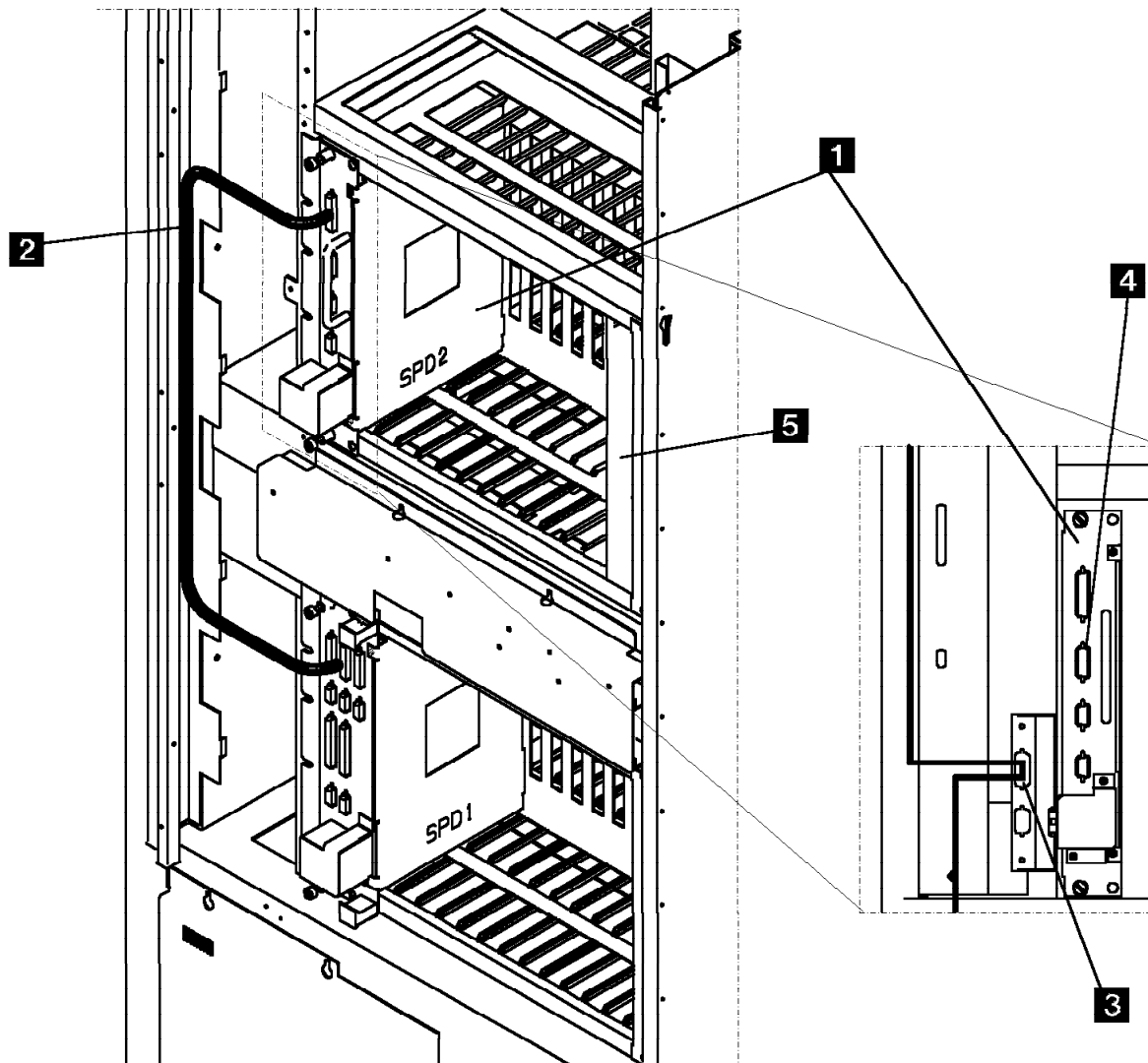___ 4. Install the two ground jumpers **5** (PN 72F1250) with 4 screws (PN 1621191) and 1 lockwhasher (PN 1785853).

Rear View   Front View

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10.1.3 SPD2 Cassette and Cables Installation

From the rear of the 3746-900:

___ 1. Plug the SPD2 cassette **1** in position A.

___ 2. Plug and route the cable **2** (PN 72F1193) from SPD2-J1 to SPD1-J2.

___ 3. Move the plug, on cable **3** (PN 03F7578) from the dummy connector to SPD2-J2 **4** .

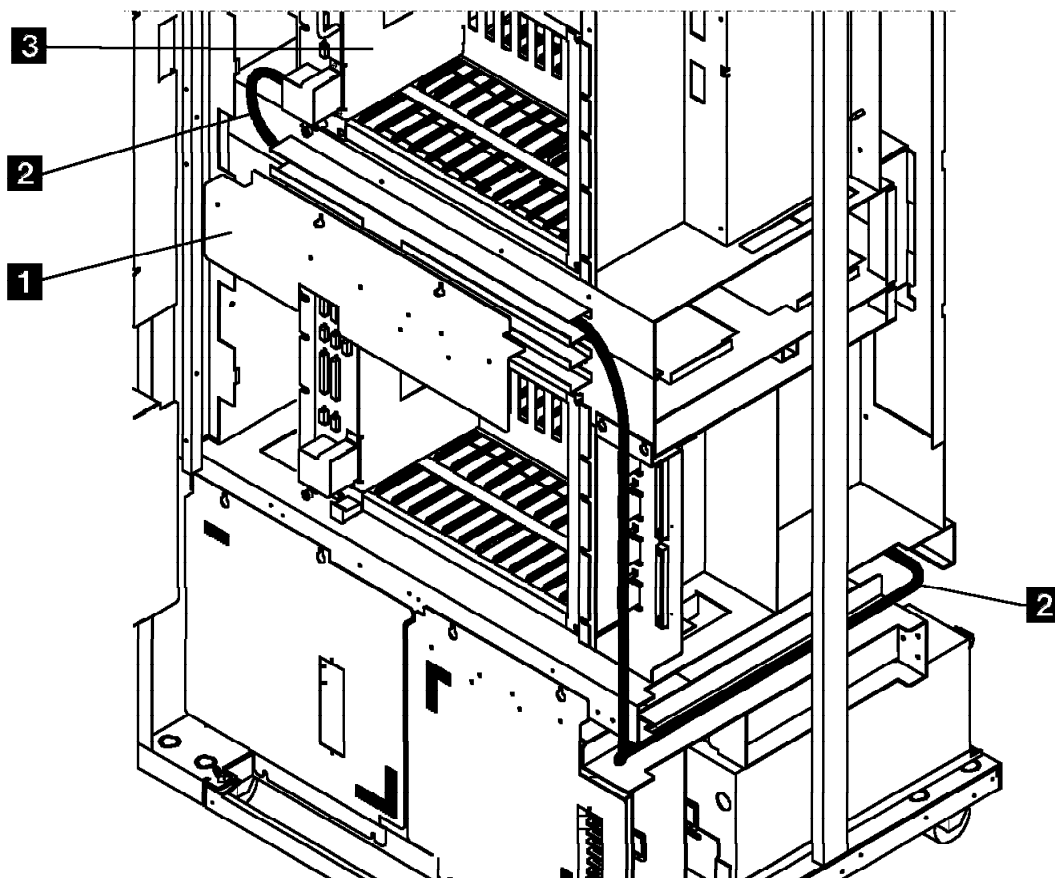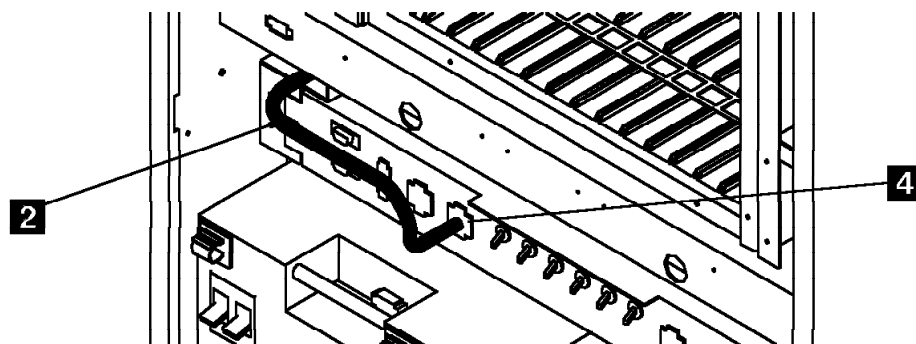___ 4. Install the dummy coupler **5** (PN 03F7522) in position Q.

Rear View

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___ 5. Plug and route the cable **2** (PN 03F7643) from SPD2-J5 **3** to DCDP-J3 **4** .

___ 6. Verify that CP4 and CP5 are set ON.

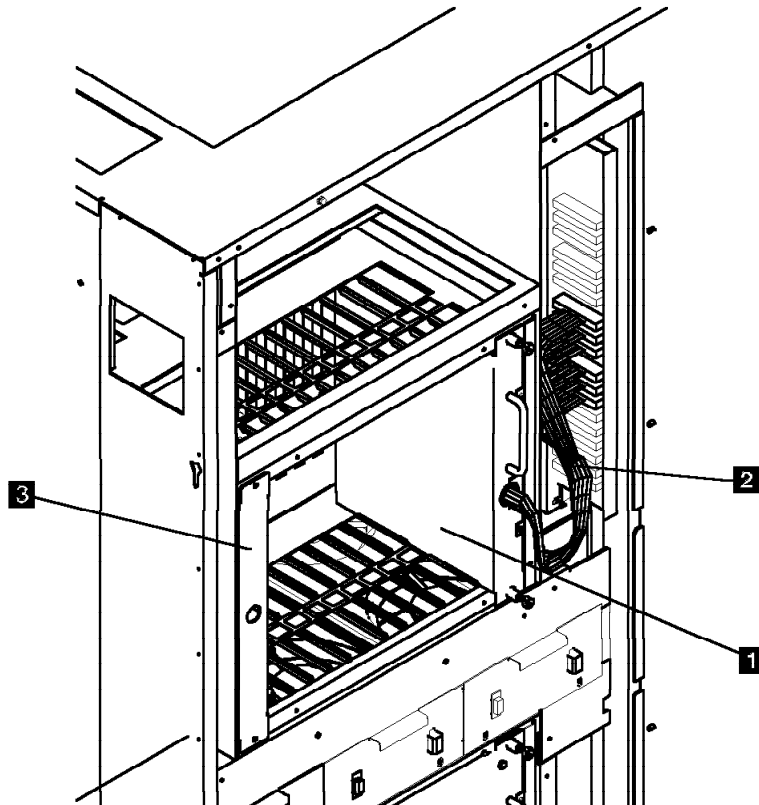___ 7. Reinstall cover **1** and its cables in clamps (if previously removed).

Rear View

Front View

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10.1.4 CSCE Cassette and Cable Installation

From the front of the 3746-900:

__ 1. Plug the CSCE cassette **1** in position A.

__ 2. Plug the CSCE cable **2** to CS connectors D through P (grey area).

__ 3. Install the blanking plate **3** (PN 03F7448) with 2 screws **3** (PN 1621210).

__ 4. Reinstall all covers previously removed in step 10.1.1, "Covers Removal" on page 5.

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10.2 Power ON

__ 1. Switch ON the CB1(s) and close the
system covers.
Wait until the **Standby** LED comes ON.

__ 2. Press the **Start** key.
Wait for SRC **00-00-0000** displayed on the
control panel.

__ 3. Set the **Power Control Mode** indicator to
its initial value.
Press the **Validate** key.

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┌─ Important Note ──────────────────────┐
│                                        │
│ From this point, the traffic can be    │
│ restarted and feature cassettes can be │
│ installed in con-current maintenance   │
│ via other MES.                         │
│ Then, install the dummy processor (PN  │
│ 03F7521) and coupler (PN 03F7522)      │
│ cassettes received with this FFBM (an  │
│ enclosure must be fully populated).    │
│                                        │
└────────────────────────────────────────┘
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11.0 Test Procedures

None.

After Installation (steps 12-15)

12.0 Field Updating

None.

13.0 Publications Update

None.

14.0 Parts Disposition

14.1 Purchased Machines

Refer to the parts ownership matrix to determine
the correct owner of removed/unused parts.

• For EMEA/APG/AG Areas, refer to *Hardware
  and General Service Code Description*.
• For Domestic Areas, return parts to the cus-
  tomer.

15.0 Machine Records

• Install the new **MACHINE HISTORY** supplied.
• Report installation and quality to existing
  procedures.

End of instructions.

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