Field Feature Bill of Material (FFBM)

PN 09G2968

REMOVAL of the Expansion Enclosure (FC 5015)

from IBM 3746 Model 900

Written by: JP. Aubin
Checked by: M. Dallier
Approved by: F. Charron
Reviewed by: B. Kelly

1

3746	PN 09G2968	EC D55653				
FFBM	2 of 12	29OCT93				

Before Removal (Steps 1-8)

1.0 Machines Affected

3746 Model 900.

2.0 Related BMs and ECs

None.

3.0 BMs to be Used

- 09G2968 - Installation instructions
- FFBM - 09G2968 - Expansion enclosure removal

4.0 Preparation

__ 1. Familiarize yourself with the purpose and details of these removal 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 the parts were received.

5.0 Programming

None.

6.0 Purpose and Description

Remove an expansion enclosure and associated cabling from a 3746 Model 900.

7.0 Installation Time

FFBM Installed	Machine Hours	System Hours
09G2968	1.0	0.0

8.0 Tools/Materials Required

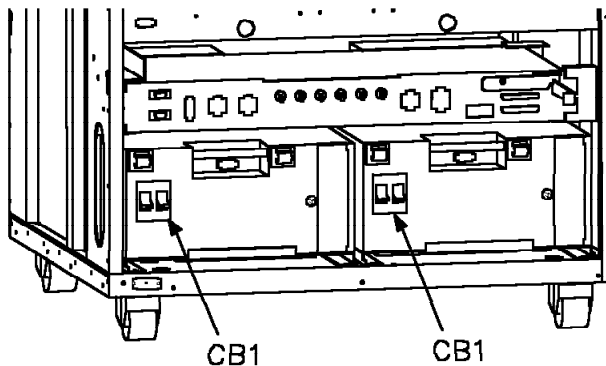ESD kit (PN 6428316).

Removal (Steps 9-11)

9.0 Safety

- This removal 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. Open the front and rear system covers.

   Note: From this point, the traffic must be stopped on all feature cassettes to be removed from the expansion enclosure in concurrent maintenance via other MES.

__ 2. When all the features and dummy cassettes have been removed, ask the customer to deactivate all the lines connected to the 3746-900.

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

__ 4. Press the **Standby** key and wait for Standby indicator to remain on.
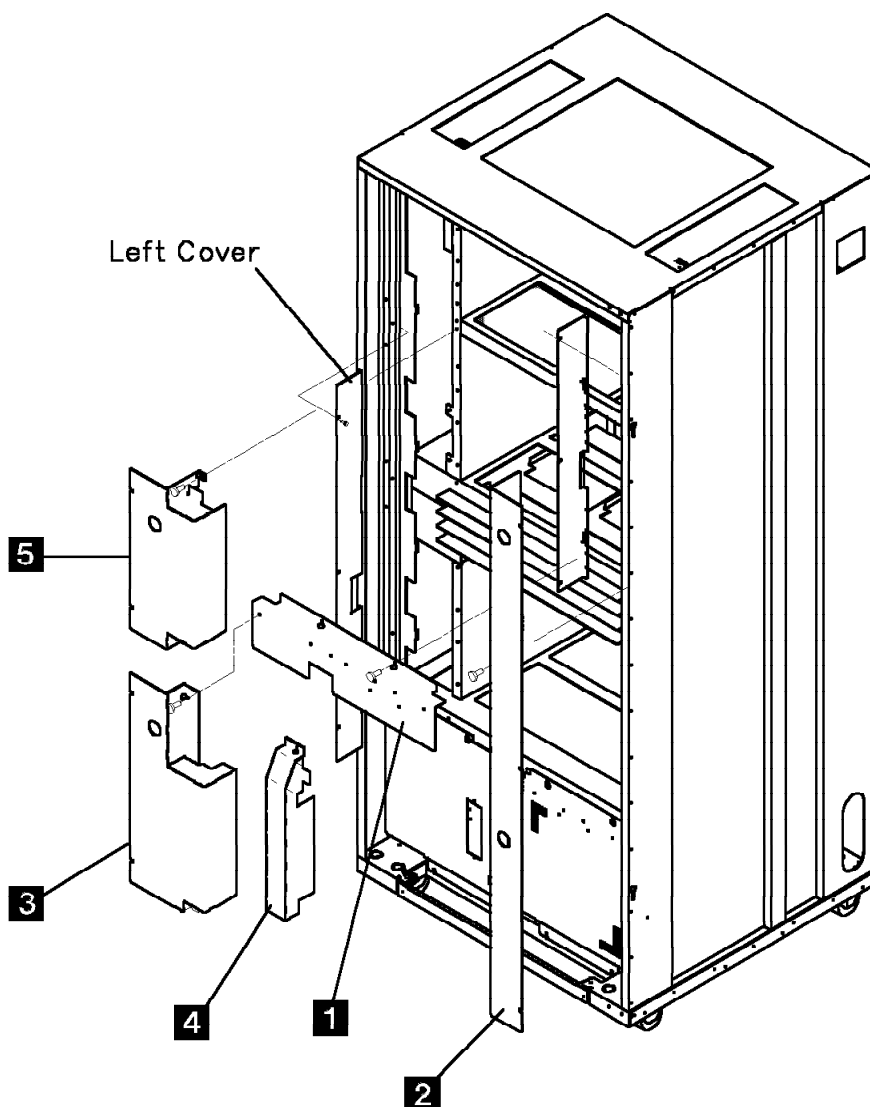
__ 5. Switch OFF the CB1(s).

CB1   CB1

3746	PN 09G2968	EC D55653				
FFBM	4 of 12	29OCT93				

4

10.1 Hardware Installation

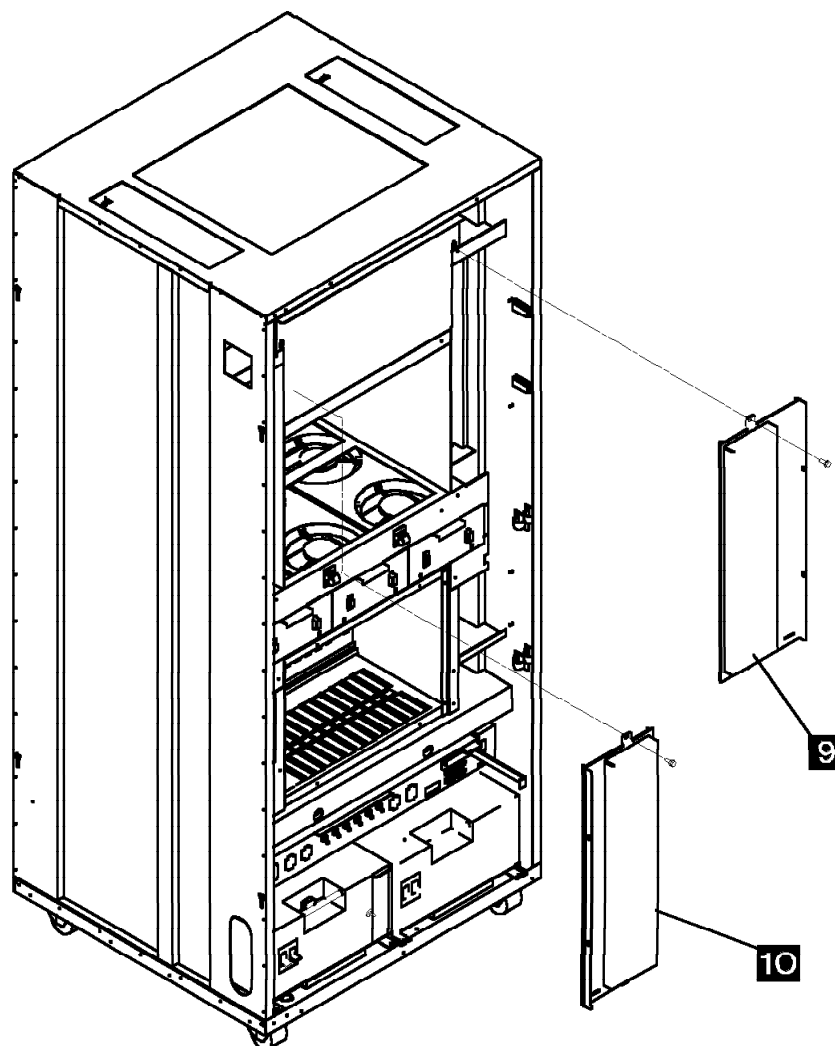### 10.1.1 Covers Removal
From the rear of the 3746-900:

___ 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.

3746	PN 09G2968	EC D55653				
FFBM	5 of 12	29OCT93				

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.

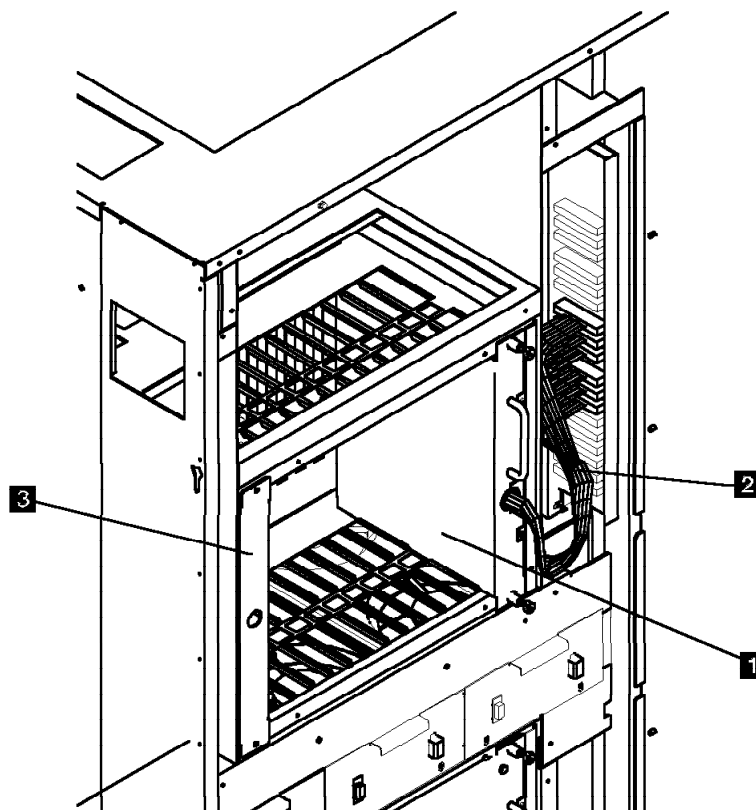| 3746	PN 09G2968	EC D55653				
FFBM	6 of 12	29OCT93				

10.1.2 CSCE Cassette and Cable Removal

From the front of the 3746-900:

___ 1. Unplug the CSCE cable **2** from CS connectors D through P (grey area).

___ 2. Unplug the CSCE cassette **1** from position A.

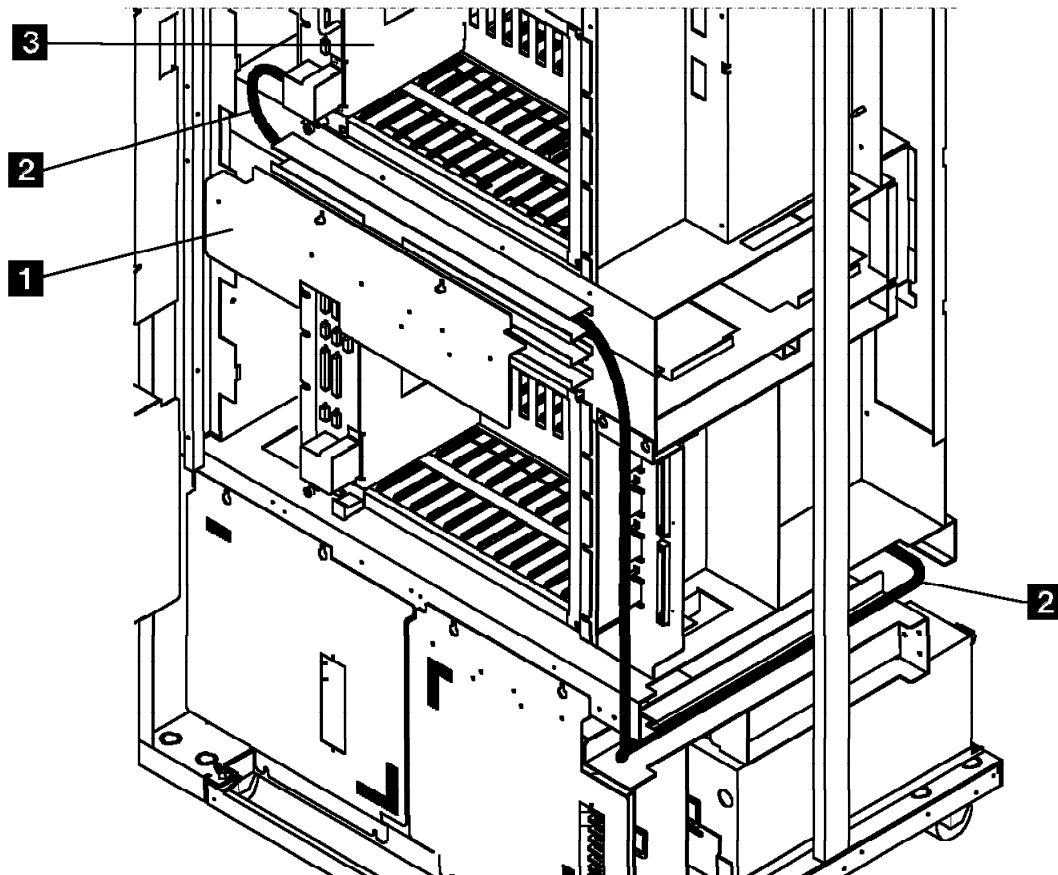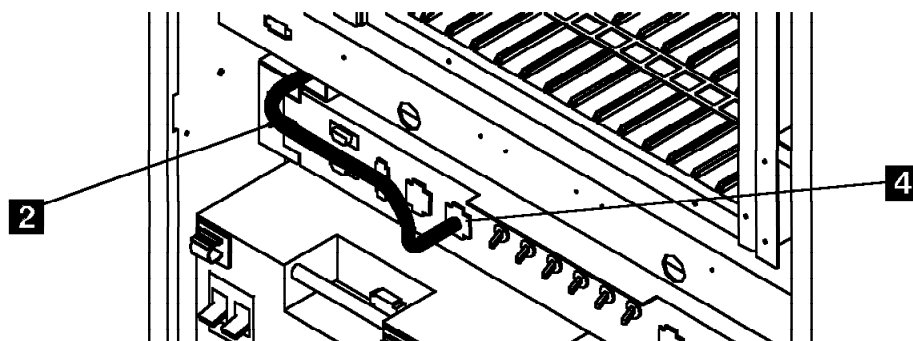| 3746	PN 09G2968	EC D55653				
FFBM	7 of 12	29OCT93				

10.1.3 SPD2 Cassette and Cables Removal

From the rear of the 3746-900:

___ 1. Verify that CP4 and CP5 are set OFF.

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

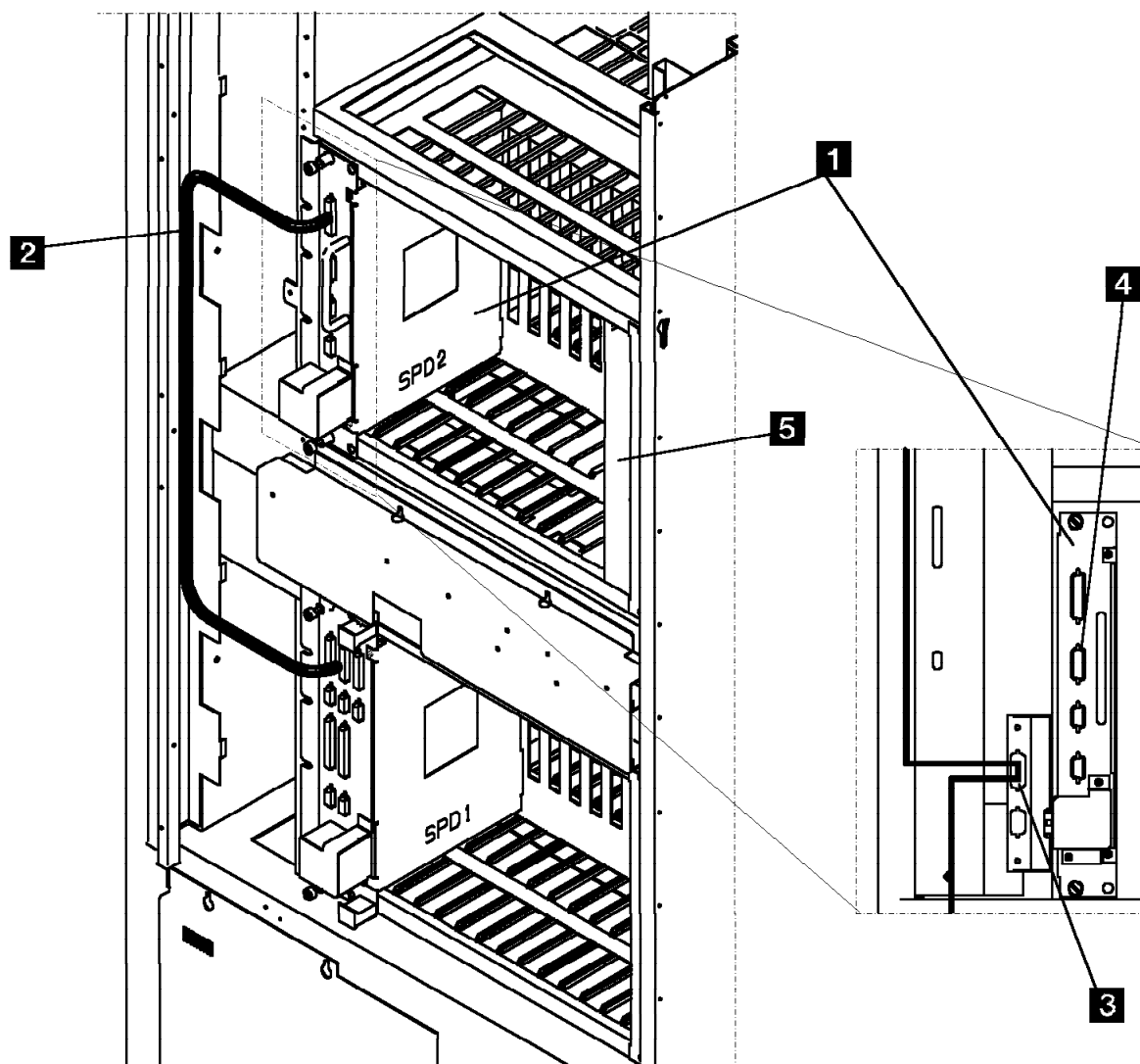___ 3. Reinstall cover **1** and its cables in clamps (if previously removed).

Rear View

Front View

3746	PN 09G2968	EC D55653				
FFBM	8 of 12	29OCT93				

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

___ 5. Unplug and remove the cable **2** (PN 72F1193) from SPD2-J1 to SPD1-J2.

___ 6. Unplug the SPD2 cassette **1** from position A.

Rear View

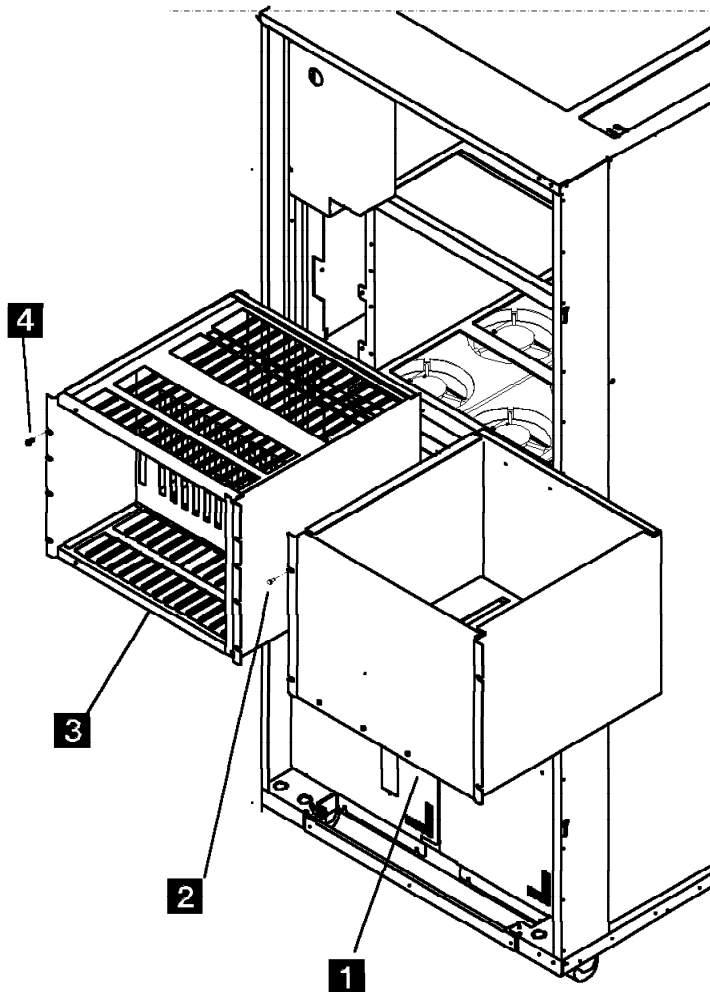| 3746	PN 09G2968	EC D55653				
FFBM	9 of 12	29OCT93				

10.1.4 Enclosure Removal

From the front of the 3746-900:

__ 1. Remove the two ground jumpers **5** .
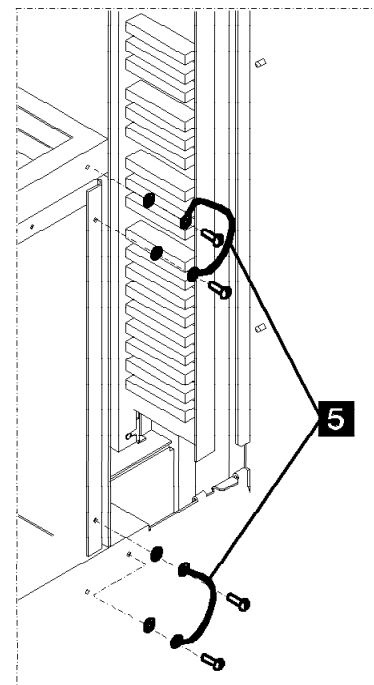
From the rear of the 3746-900:

__ 2. Remove the eight screws **4** .

__ 3. Remove the enclosure **3** from the frame.

__ 4. Install the dummy enclosure **1** (four screws **2**).

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

Rear View   Front View

3746	PN 09G2968	EC D55653				
FFBM	10 of 12	29OCT93				

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 fo SRC **00-00-0000** displayed on the control panel.

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

11.0 Test Procedures

None.

After Removal (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 customer.

15.0 Machine Records

• Install the new **MACHINE HISTORY** supplied.

• Report installation and quality to existing procedures.

End of instructions.

3746	PN 09G2968	EC D55653				
FFBM	11 of 12	29OCT93				

11

3746	PN 09G2968	EC D55653				
FFBM	12 of 12	29OCT93				

12