Title: Field of Material (FBM)
PN 80G4201

EXCHANGE a V35 ARC Card
in IBM 3746 Model 900

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Before Installation (Steps 1 through 8)

1.0 Machines Affected

3746 Model 900

2.0 Related BMs and ECs

None.

3.0 BMs to be Installed

- 80G4201 - Installation Instructions
- 29H4662 - V35 ARC3A1 exchange and/or
- 29H4663 - V35 ARC3A2 exchange and/or
- 29H4664 - V35 ARC3C exchange and/or
- 29H4661 - V35 ARC3A0 exchange

4.0 Preparation

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

__ 2. Check all the items and count parts listed on the BM(s) to be used to determine whether all parts were received.

5.0 Programming

None

6.0 Purpose and Description

Replace the V35 card with a new one and replace the part number label on the ARC.

7.0 Installation Time

FBM	CE HOURS	MACHINE HOURS	SYSTEM HOURS.
80G4201	0.2	0.0	0.0

8.0 Tools/Materials Required

ESD kit (PN 6428316).

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Installation (Steps 9 through 12)
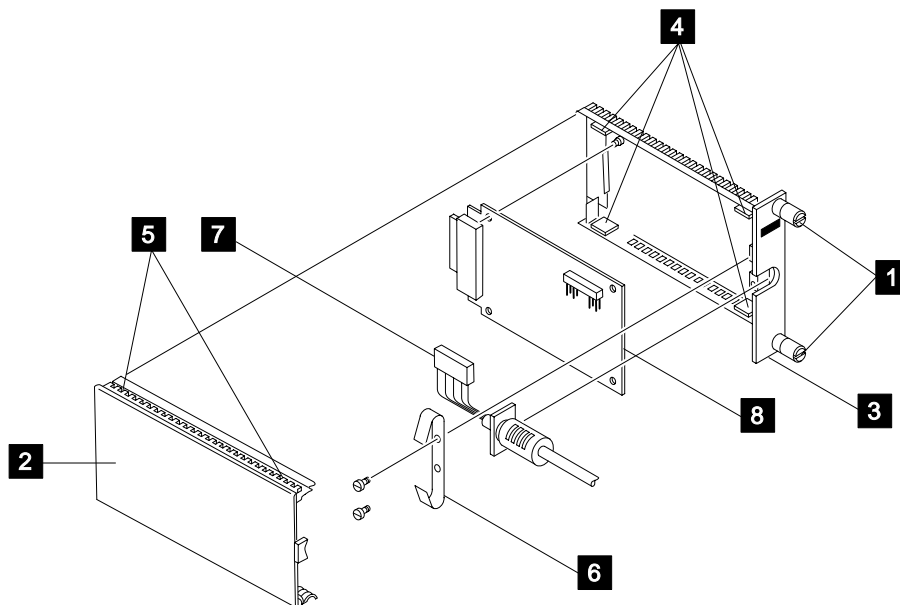
9.0 Safety

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

10.0 Details of Installation

When the ARCs to be unplugged are identified, ask the *customer to deactivate the line(s) of the associated ARCs.*

10.1 Hardware Exchange

Warning: Follow existing ESD procedures when handling logic parts.

__ 1. Unfasten the two front captive screws **1**.
__ 2. Remove the ARC from the LCB.

   Note: The top cover **2** and the bottom cover **3** are clipped together with four internal latches **4**.
__ 3. In the second hole **5**, on each side of the top cover **2** insert a screwdriver pushing on the four internal latches **4**. Remove the top cover.
__ 4. Remove the spring **6** (two screws).
__ 5. Unplug the connector **7** from the card **8**.
__ 6. Remove the card from the bottom cover.
__ 7. Install the new card coming with the BM.
__ 8. Plug the connector **7** in the new card **8**.
__ 9. Reinstall the spring **6** (two screws).

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__ 10. Clip the covers together. Place the new preprinted part number label over the existing
label located on the side of the ARC.
__ 11. Reinstall the ARC in the LCB.
__ 12. Ask the customer to reactivate the line(s).

Important note: The old cards must be returned to IBM.	

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