Installation Manual

UC5e (Revision 1-9)

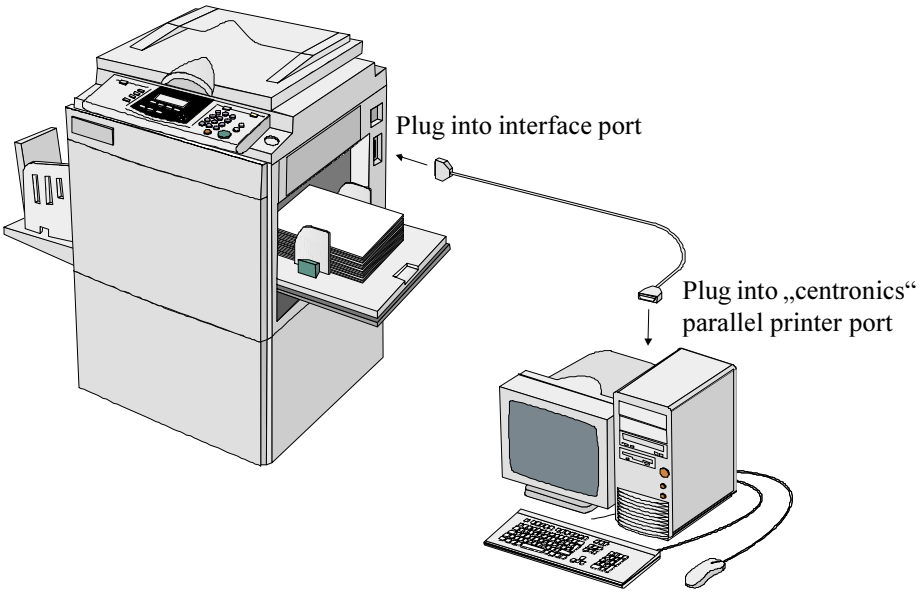
Table of Contents

Introduction

The UC5E is a high speed interface for Digital Duplicators. With a UC5E you can print directly from your PC to your Digital Duplicator. This will significantly improve the quality of your printed material as well as speed up your printing jobs.

The UC5E's modular design makes it easy to upgrade to PostScript or add network support as your printing requirements become more demanding.

We are confident that you will find it a pleasure to use and an asset to your organisation.



Windows 3.11, Windows 95/98/ME, Windows NT and Windows 2000 based PC.

Safety Information

This equipment must be connected to SELV circuits and other equipment complying with the requirements of SELV circuits as defined in the standards EN60950, IEC950 and CSAC22.2 No. 950, UL 1950.

Sicherheit-Auskünfte

DieseAusrüstung muß zur SELV Schaltungen von anderenAusrüstungen, diemitden Forderungen von SELV Schaltungendie in den Standards EN60950, IEC950 und CSAC22.2 N0 950, UL1950 definiert werden, nach kommen.

Renseignements de sécurité

ILest absolunent nécessaired'interconnecter cet équipment dux circuits SELVde touté quipment qui se conforme dux besoirs des circuits SELV comme précisés dux standards EN60950, IEC950 et CSAC22.2 NO. 950, UL 1950

Basic Specifications

Printer Language:	Windows GDI,
Supported Resolutions:	300, 400 and 600 dpi.
Graphics Screening:	Coarse, Fine, Line Art, Error Diffusion. Density control supported.
Supported Drivers:	Win 3.11, Win 95/98/ME., Win 2000, Win NT
Ports:	ECP/EPP parallel port.
On Board Memory:	16. MB
Supported Digital Duplicator Brands:	Ricoh, Gestetner, Rex Rotary, Nashuatec, Savin and Standard. NB check that your model has interface support.
Certification	CE, UL, FCC.
Supply Voltage	5 Volts from Digital Duplicator

Digital Duplicator Driver Groups

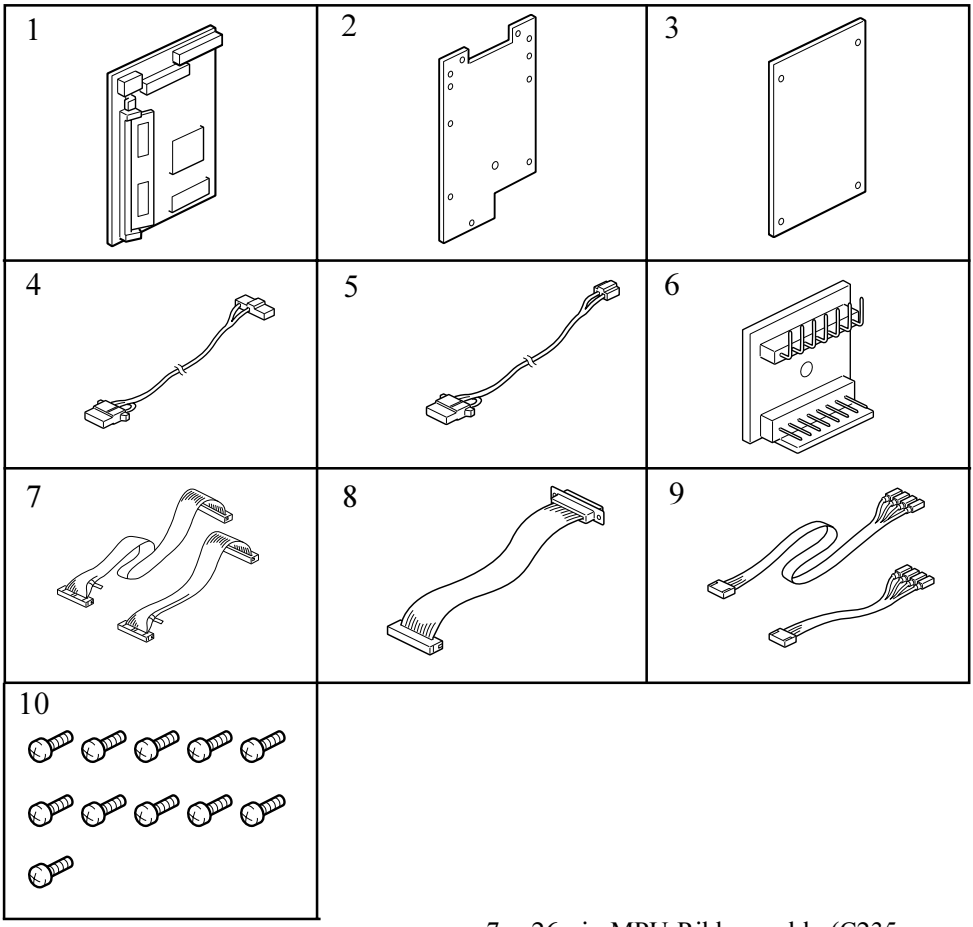
Driver Name	Model	Digital Duplicator Model
ZipRIP Classic A	C224	VT2200/5327/1252/CP327/3200DNP
	C226	VT2250/5329L/2546/CP329L/325DNP
	C222	VT2400/5360/1270/CP360
ZipRIP Classic B	C210	VT3500/5375/1280/CP375
	C218	VT3600/5380/1285/CP380
	C223	VT3800/5385/1290/CP385/330DNP
ZipRIP Classic X	C228	VT6000/5390/1295/CP390/3400DNP/SD600
ZipRIP Pro A	C231	JP1010/5306/1224/CP306
	C237	JP1210/5308/1225/CP308
ZipRIP Pro B	C231	JP1030/5306L/1224L/CP306/3150DNP/D300
	C231	JP1050/5306B/1224B/CP306B
	C237	JP1230/5308L/3150eDNP/SD330
	C237	JP1250/5308B/1225B/CP308B
ZipRIP Pro C	C229	JP5000/5450/1560/CP450/3350DNP/SD400
	C239	JP5500/5450/5455/1560/CP450/3360DNP/ SD450
ZipRIP Pro C PT	C232	JP5800/5480/1580/CP480
	C239	JP5500/5450/5455/1560/CP450/3360DNP/ SD450
ZipRIP Pro E	C238	JP3000/5430/1330/CP430/3260DNP/SD370 JP3800/5428C (China)
ZipRIP Pro X	C235	JP8000/5490/1395/CP490/3450DNP/SD630
	C244	JP8500/5490+/5499/1395+/CP490+/ 3460DNP/SD650
ZipRIP Pro X PT	C235	JP8000/5490/1395/CP490/3450DNP/SD630
	C244	JP8500/5490+/5499/1395+/CP490+/ 3460DNP/SD650

*Models with suffix PT indicate additional paper tray unit installed

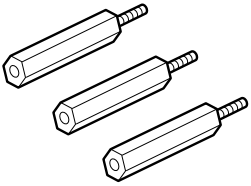
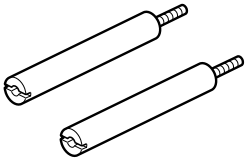
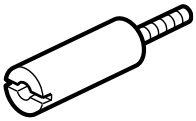
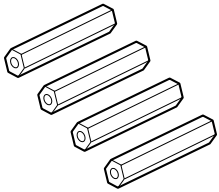
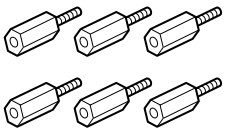
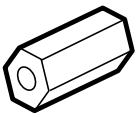
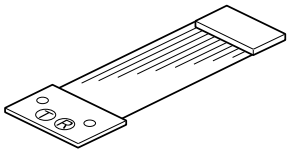
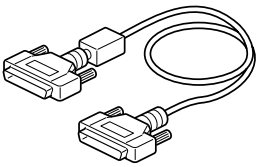
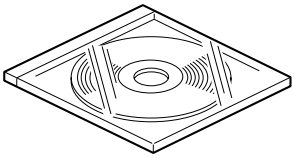
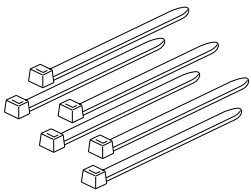
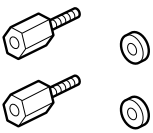
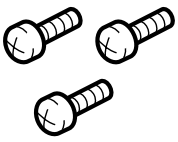
Package Contents

Check that you have received the following Items in your UC5E package.

Components For GDI UC5E.



1. Main Board
2. Mounting Plate
3. Mounting Plate Cover
4. 2-pin cable and connector - C235
5. 2-pin cable and connector - C237
6. Keypad PCB
7. 26-pin MPU Ribbon cable (C235, C237 and C238)
8. 26-pin to 25-pin Ribbon PCB to Cover
9. 8-pin Ribbon cable - The long cable is for C237 the other is for C235 and C238.
10. 11 x M3 x 6mm Screws

11 	12 	13 
14 	15 	16 
17 	18 	19 
20 	21 	22 

11. 3 x M3 x 35mm Standoff
12. 2 x M4 x 45mm Standoff
13. 1 x M4 x 26mm Standoff
14. 4 x M3 x 25mm FF Standoff
15. 6 x M3 x 10mm MF Standoff
16. 1 x M3 x 10mm FF Standoff
17. Marguard LED and Button
18. PC DB25 Male to DB25 Male parallel Cable
19. Installation CD and manuals
20. 6 x Cable Ties
21. 2 x 2.6mm Standoff-post with
22. 3 x M4 x 6mm Screws

Video Interface Installation Preparation

NOTE: Video I/F Kit Type- 600, Type- 10, Type- 15, and Type- 85 are Ricoh parts please obtain from supplier.

Before you begin the installation, you should:

a. Check to make sure that you have all of the items needed to complete successful installation.

b. Read the documentation to familiarize yourself with the installation procedures.

c. Have the following additional items available:

- Service manual relevant machine
- User's Guide
- A container to hold screws and other removed components
- Tool Kit

For the C237 and C238 model installation, you should use Video Interface kit Type-10 or Type 15, provided by the original manufacturer.

For: Europe, Far East and Asia use Type-10 Interface kit.

For: USA and Latin America use Type-15 Interface kit.

Installation procedure for both Interface kits follow.

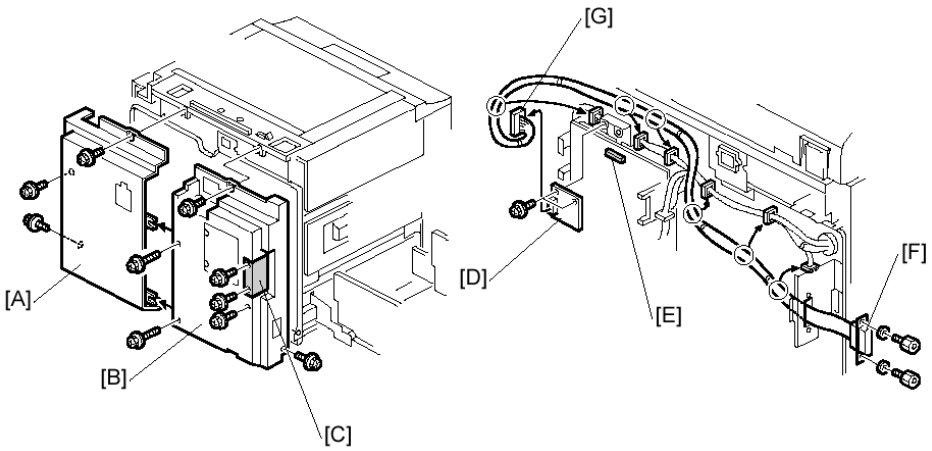
Video I/F Kit Type-10 and Type- 15 Parts List

No.	Description	Qty.
32	Interface Board	1
33	Relay Harness	1
34	Stepped Screw - M2 x ,6	2
35	Tapping Screw - M3 x 6	2

NOTE:

Item number 33 is not used for the model C237 and C238 installation.

Model C238
Refer to Driver Groups List on page 7

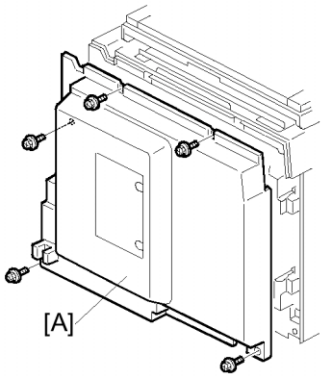


1. Remove the rear covers [A] [B] (8 screws).
2. Remove the I/F connector cover [C] (2 screws).
3. Install the I/F board [D] (accessories) in CN117 [E] on the MPU (2 screws).
4. Attach the cable [F] (accessories) to the connector bracket (2 screws) and clamp the cable (6 clamps).
5. Connect the connector [G] at the opposite end to the I/F board.
6. Re-install the rear covers.

Model C239 and C244

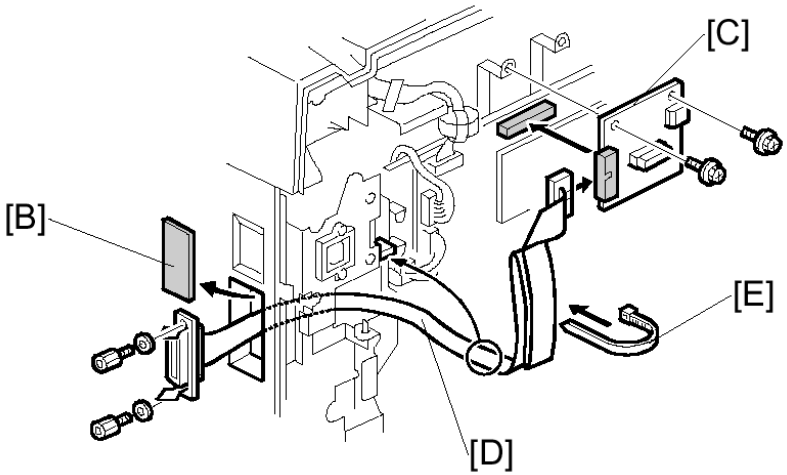
Refer to Driver Groups List on page 7

1. Remove the rear cover [A].



2. Cut away the blindfold cover [B] on the right rear cover.
3. Install the Video I/F board [C] to the MPU. (2 screws)
4. Connect the cable [D] to the Video I/F board. (2 screws, 2 spacers)

NOTE: You need to adjust the length of the harness using the bind [E] enclosed.



5. Reinstall the rear cover.

ZipRIP Installation Guide for model C237

Tools required:-

a. Phillips screw driver
b. Flat head screw driver
c. Antistatic equipment

Discard the following parts for this installation:-

a. Part No. VU5E 05 301
b. Part No. VU5E 05 404
c. Part No. VU5E 05 402
d. Part No. VU5E 10 002

Installation Time:-

This installation should take 30 minutes excluding the time taken to install the video board.

1. Turn off the main switch and unplug the power cord.
2. Remove your UC5E and ancillary items from the box.
3. Open the scanner unit.
4. Remove the upper rear cover.
5. Remove the rear cover.
6. Remove the MPU cover.

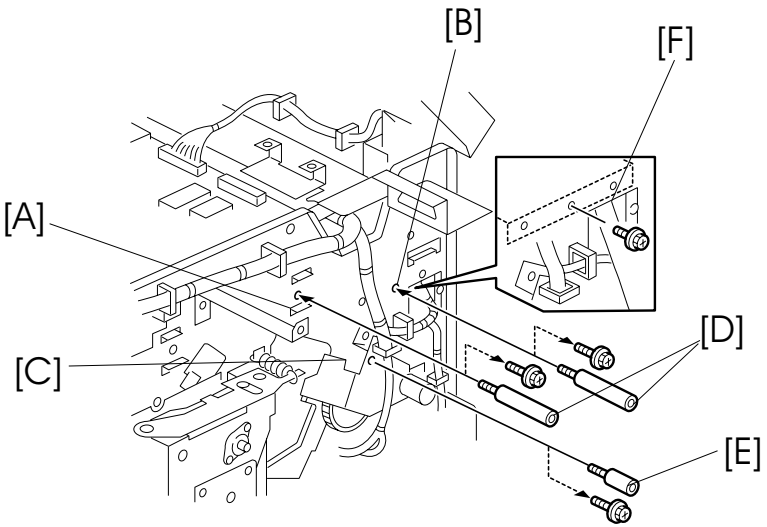


Figure 2a

7. Remove screw [A],{B] and [C]. Keep them aside for later use.
8. Locate the three standoffs supplied. Mount them into the holes as follows:

   Into hole marked [A] in Figure 2a screw in the 45 mm standoff [D].

   Into hole marked [B] in Figure 2a screw in the 45 mm standoff [D].

   Into hole marked [C] in Figure 2a screw in the 26mm standoff [E].

   NOTE:

   1) Tighten these standoffs with a flat screwdriver.
   2) The bracket [F] becomes free without screw [B] Hold bracket [F] by the hand until you screw in standoff [D].

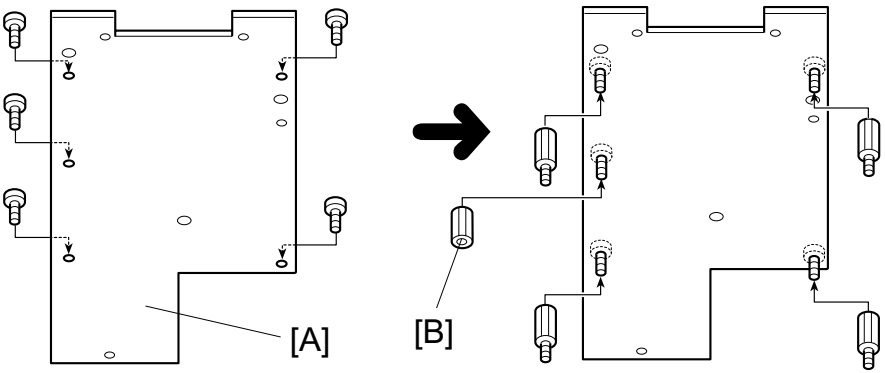


Figure 2b

9. Locate the mounting plate [A], part no. VU5E 05 406. Orientate the plate correctly, as shown.
10. Attach five "M3 x 6 mm screws" on the mounting plate [A], then attach four "M3 x 10mm male to female standoffs" and one M3 x 10mm female to female standoff" [B].

    NOTE:

    There are three different size holes on the mounting plate [A]. Use 5 of the 6 small tapped holes, and the other holes are not used.

    (See Figure 2b)

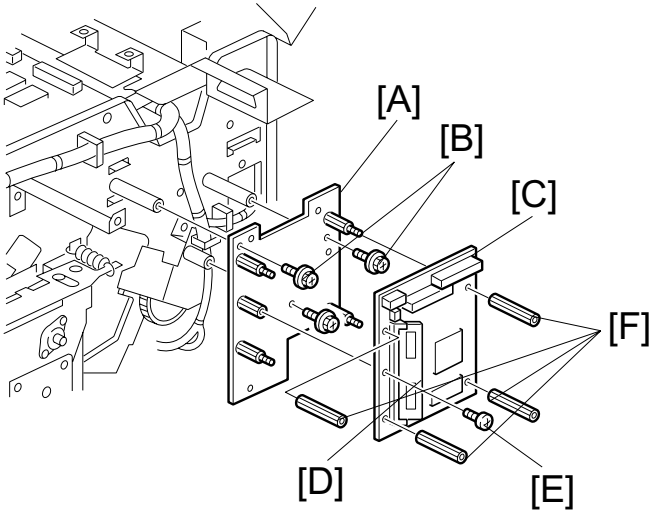


Figure 2c

11. Place the assembled mounting plate [A] onto the standoffs on the chassis and secure using the three M4 screws [B] set aside in step 7.
12. Locate the UC5E main board [C], Part No. VU5E 05 200.

    CAUTION:

    THIS PART IS VERY SENSITIVE TO STATIC.

    PLEASE ENSURE THE CORRECT ANTISTATIC PRECAUTIONS ARE TAKEN.

    The RAM SIMM [D] should be on the left.
13. Secure the main board by screwing in a M3 x 6mm screw [E] into the left middle standoff.
14. Install four "M3 x 25mm female to female standoff" [F].

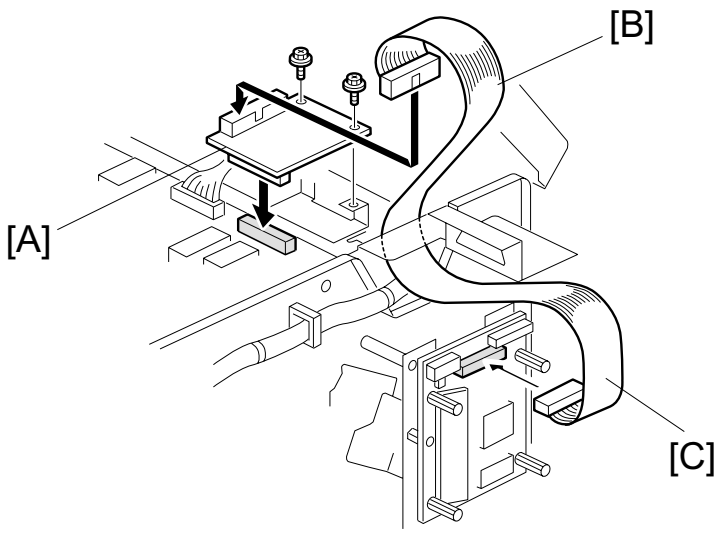


Figure 2d

15. Install the interface board [A] from the package of Video Interface Kit Type-10 (Use the two M3 x 6mm screw from the package).
16. Locate the 26-pin MPU cable [B} Part No. VU5E 05 401, and connect the 26 pin twisted end [C} to the UC5E main board middle connector and the straight end to the interface board.

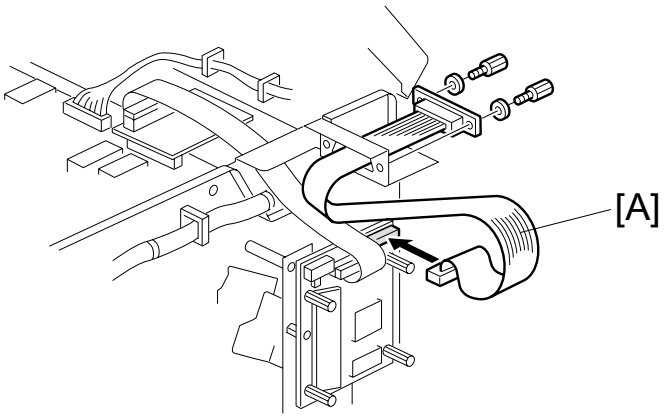


Figure 2e

17. Locate the cable [A] Part No. VU5 05 410, and connect the 26 pin ribbon cable end to the outer connector on the UC5E main board. The DB25 end is connected to the DB 25 cut out on the chassis of the main frame using the two M3 x 5mm jack posts supplied in the IF Kit Type-10.
18. Reinstall the MPU Cover, the rear cover and then the upper rear cover of the Digital Duplicator.

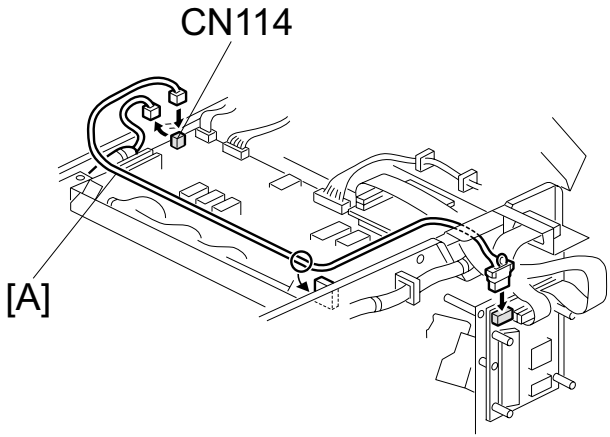


Figure 2f

19. Disconnect the connector on CN114.

    NOTE:

    It is not necessary to remove the cable from the machine as it becomes redundant.

20. Locate the red and black power cable [A], Part No. VU5E 05 300. Connect this cable CN114 on the MPU of the Digital Duplicator and J4 connector on the UC5E main board.

    NOTE:

    Secure the RED and BLACK power cable to the loom running along the MPU with the 4 cables ties supplied, ensuring that the cable and the loom does not catch on the MPU cover.

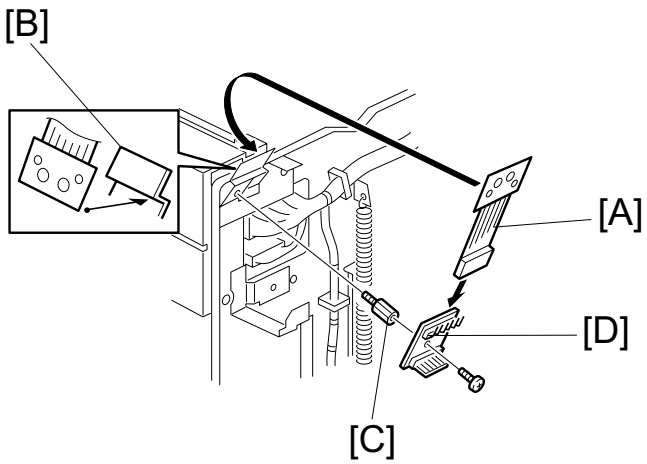


Figure 2g

21. Locate the Marguard LED and button assembly [A], part number VU5E 10 010. Peel the plastic of the back of the Marguard LED and button assembly [A] and stick it onto the bracket [B] of the Digital Duplicator.
22. Secure the keypad M3 x 10mm standoff [C], then mount the keypad PCB [D] onto the standoff [C] using a M3 screw.
23. Connect the marguard cable into the flat connector on the Keypad PCB [D].

    NOTE:

    1) Make sure the marguard is positioned correctly on bracket so that it can be seen through the upper rear cover cutout.
    2) The button connectors have no polarity therefore they can be con nected in either way.

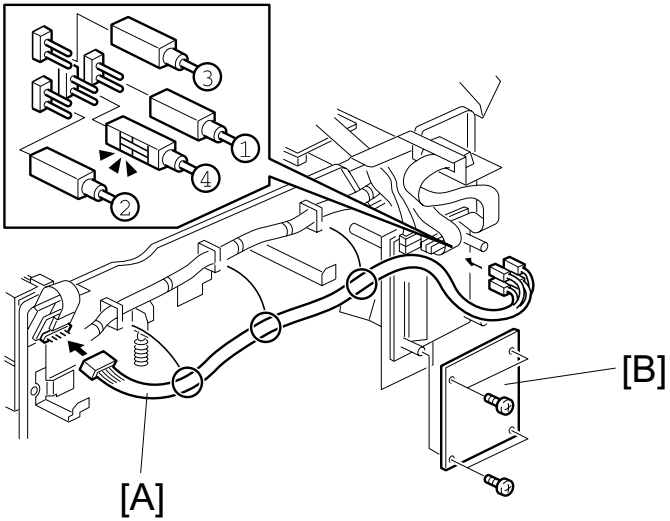


Figure 2h

24. Locate the 8 pin ribbon cable [A], part number VU5E 10 001. Connect the white pin connector onto the keypad PCB and the 4 x 2 pin connectors onto the UC5E main board.

    NOTE:

    Connectors 1 & 4 are sensitive to polarity. These connectors should be plugged in with the viewable pin sides (2 x gold coloured pins) facing outwards and the solid sides facing each other.

25. Mount the plate cover [B] onto the standoffs on the UC5E main board and secure with four "M3 screws" supplied.

26. Plug in the power cord and switch on the Digital Duplicator.

27. The RIGHT RED LED on the membrane panel will come on and the LEFT RED LED will flash according to the version of software in the UC5E main board, e.g.: 5 flashes for version 5.

28. Press the "T" on the marguard LED and button assembly and the Digital Duplicator will print a test page. Refer to troubleshooting section if no test page is printed.

ZipRIP Installation Guide for model C235

Tools required:-

a. Phillips screw driver
b. Flat head screw driver
c. Antistatic equipment

Discard the following parts for this installation:-

a. Part No. VU5E 06 300
b. Part No. VU5E 05 403
c. Part No. VU5E 05 405
d. Part No. VU5E 10 001
e. Part No. VU5E 05 401

Installation Time:-

This installation should take 30 minutes excluding the time taken to install the video board.

1. Turn off the main switch and unplug the power cord.
2. Remove your UC5E and ancillary items from the box.
3. Remove the rear cover.

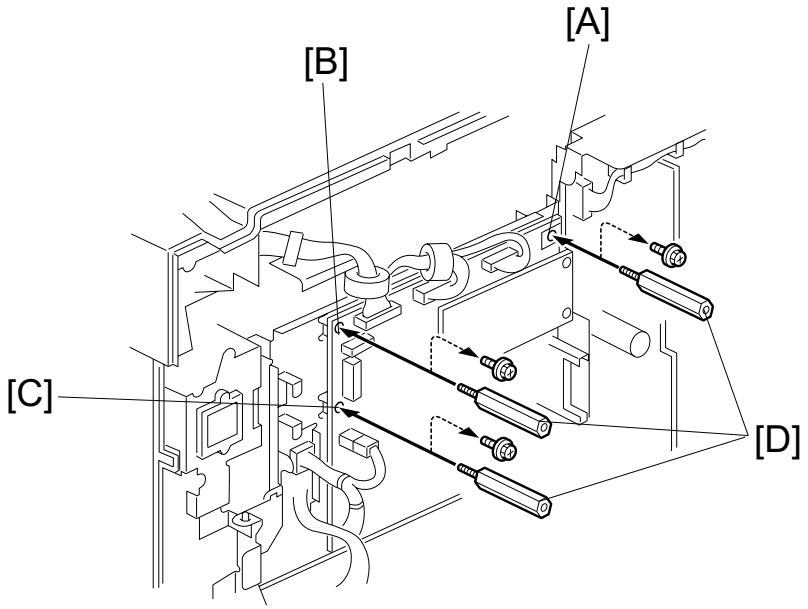


Figure 3a

4. Remove screws [A], [B] and [C]. Keep them aside for later use.
5. Locate the three M3 x 35mm standoffs [D] supplied. Mount them into the holes.

   NOTE:

   Care must be taken not to damage the Digital Duplicator MPU.

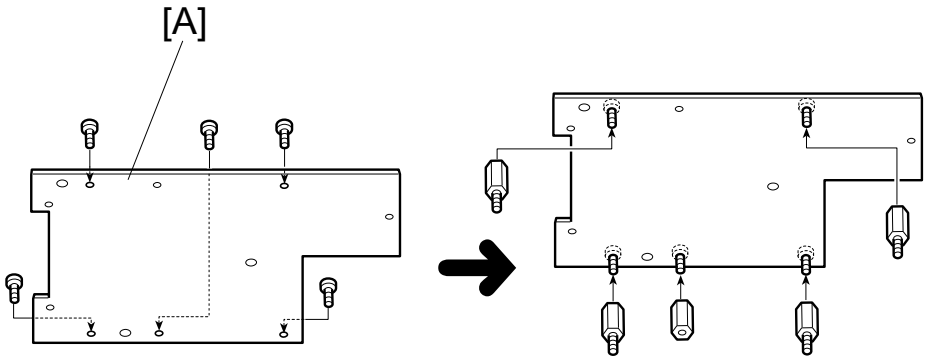


Figure 3b

6. Locate the mounting plate [A], part no. VU5E 05 406. Orientate the plate correctly, as shown.
7. Attach five "M3 x 6mm screws" on the mounting plate [A], then attach four "M3 x 10mm male to female standoffs" to the outer screws and a "M3 x 100mm female to female" standoff to the middle screw.

   NOTE:

   There are three different size holes on the mounting plate [A]. Use 5 of the 6 small tapped holes, and the other holes are not used.

   (See Figure 3b)

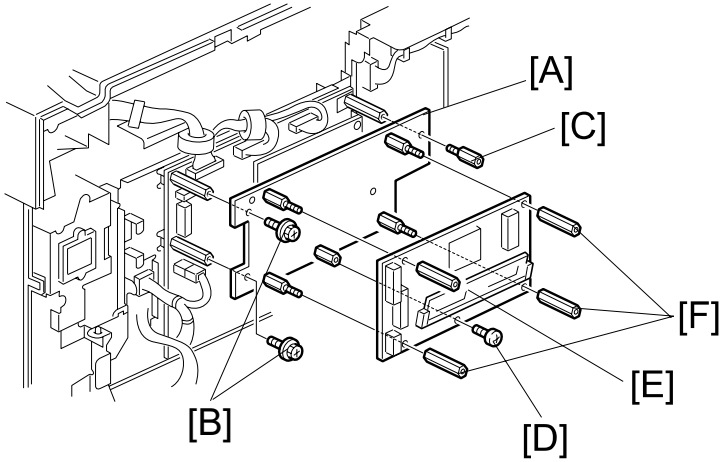


Figure 3c

8. Place the assembled mounting plate [A] onto the standoffs on the chassis and secure using the three M4 screws [B] set aside in step 4.
9. Locate a M3 x 10mm standoff and screw it through the mounting plate into the standoff [C].
10. Locate the UC5E Main Board, Part No. VU5E 05 200, and secure it by screwing in a M3 x 6mm screw [D].

    CAUTION:

    THIS PART IS VERY SENSITIVE TO STATIC. PLEASE ENSURE THE CORRECT ANTISTATIC PRECAUTIONS ARE TAKEN.

    The RAM SIMM [E] should be on the bottom.
11. Install four "M3 x 25mm female to female standoffs" [F].

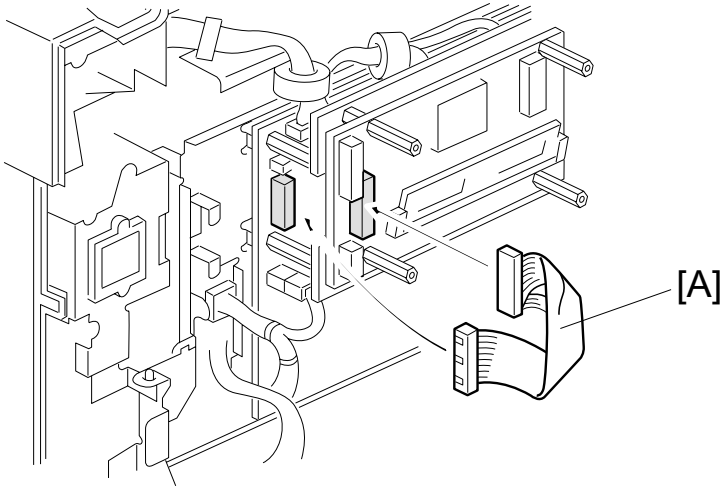


Figure 3d

12. Locate the 26-pin MPU cable, Part No. VU5E 05 402 [A}, and connect the 26 pin twisted end to the UC5E main board middle connector and the other straight end to the Digital Duplicator MPU.

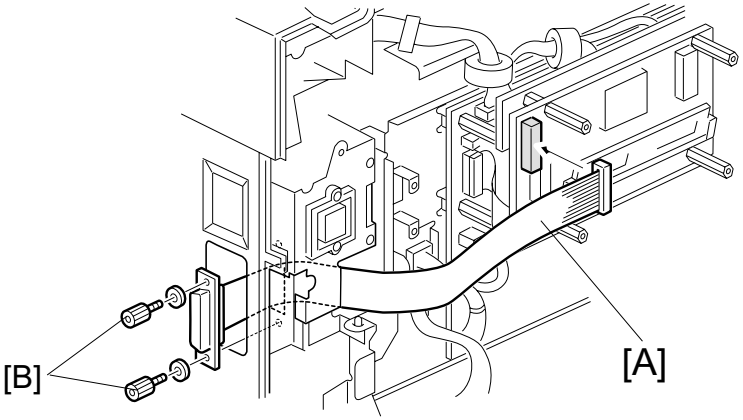


Figure 3e

13. Locate the 26-pin to 25-pin ribbon PCB to cover cable [A], part number VU5E 05 410, and connect the 26 pin ribbon cable end to the outer ribbon plug on the Uc5E main board. The DB25 end is connected to the DB25 cutout on the side chassis of the Digital Duplicator using the two M3 x 5mm jack posts [B].

    NOTE:

    If a DB25 end cable is originally installed in the machine, remove it before installing the cable [A]. Re-use the two M3 x 5mm jackposts originally installed in the machine.

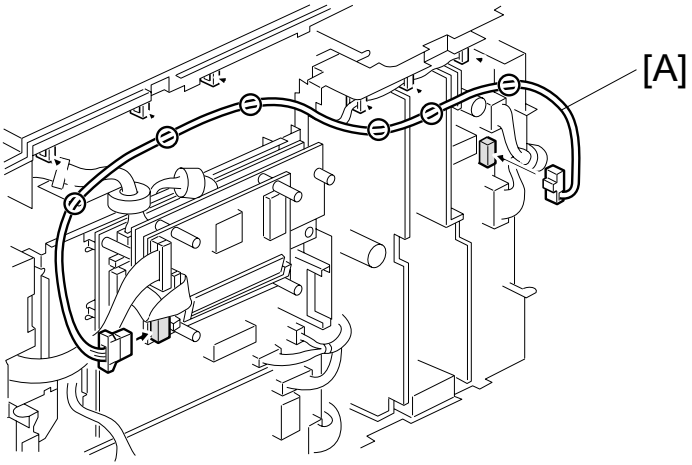


Figure 3f

14. Locate the 2 pin power cable [A], part number VU5E 05 301. Connect the 4 pin side of the cable into the power plug on the UC5E main board. Connect the other end into connector CN702 of the Digital Duplicator.

    NOTE:

    Ensure the slack is taken up evenly on the power cable throughout it's length from the PSU to the UC5E main board.

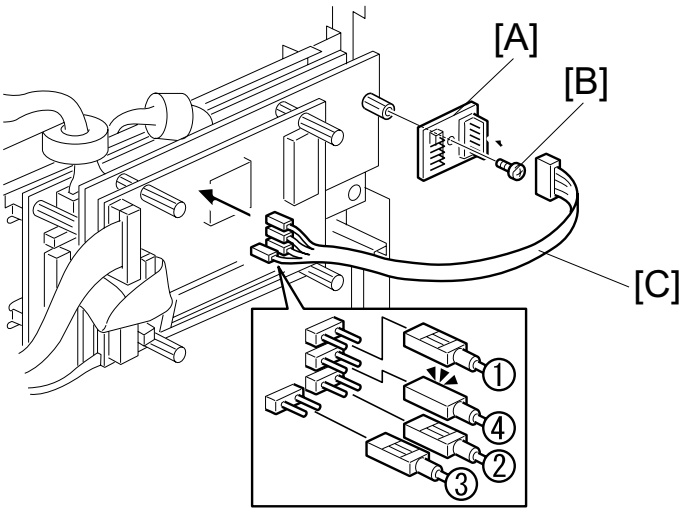


Figure 3g

15. Mount the keypad PCB [A], part no. VU5E 10 005 onto the standoff on the right and secure with a M3 x 6mm screw [B] supplied.
16. Locate the 8 pin ribbon cable [C], part number VU5E 10 002. Connect the white pin connector end to the upright connector on the keypad PCB and the loose 4 x 2 pin connectors onto the UC5E main board.

    NOTE:

    Connectors 1& 4 are sensitive to polarity. These connectors should be plugged in with the viewable pin sides (2 x gold coloured pins) facing outwards and the solid sides facing each other.

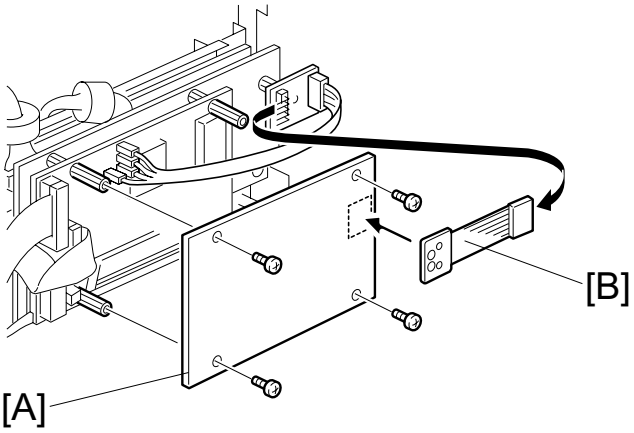


Figure 3h

17. Place the mounting plate cover [A] onto the standoffs on the UC5E main board and secure with four "M3 screws" supplied.
18. Stick the marguard LED button assembly [B] onto the outside top right of the cover plate.

    NOTE:

    The button connectors have no polarity therefore they can be connected in either way.
19. Plug in the power cord and switch the Digital Duplicator on.
20. Press the "T" on the marguard and the Digital Duplicator will print a test page.
21. Turn the Digital Duplicator off and unplug the power cord.
22. Reinstall the rear cover.
23. Turn on the Digital Duplicator power switch.

ZipRIP Installation Guide for model C238

Tools required:-

a. Phillips screw driver
b. Flat head screw driver
c. Antistatic equipment

Discard the following parts for this installation:-

a. Part No. VU5E 05 300
b. Part No. VU5E 05 403
c. Part No. VU5E 05 404
d. Part No. VU5E 10 002
e. Part No. VU5E 05 401
f. Part No. VU5E 05 301

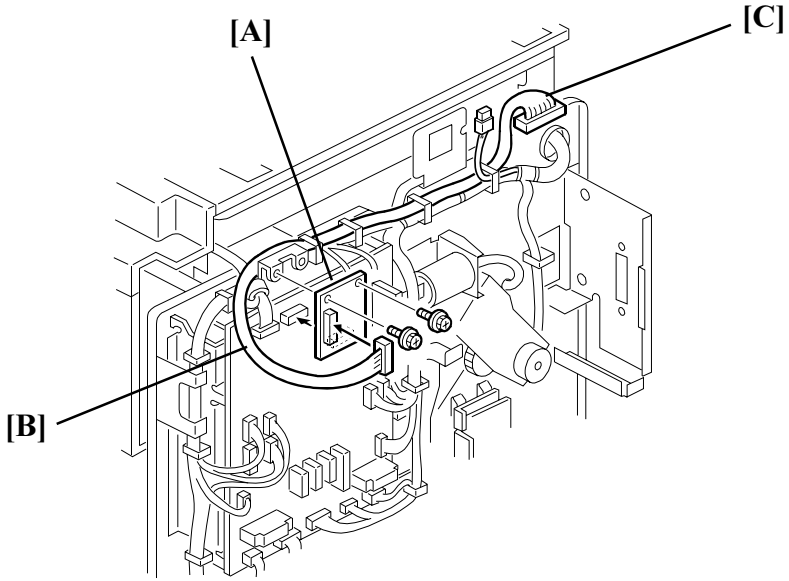
Installation Time:-

This installation should take 30 minutes excluding the time taken to install the video board.

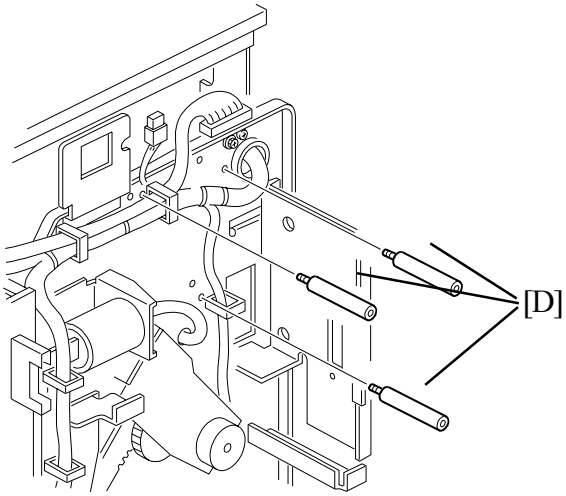
NOTE

When installing the UC5E on Model C238 Digital Duplicator, do not install the rubber paper guides on the paper tray

1. Turn off the main switch and unplug the power cord.
2. Remove the UC5E and ancillary items from the box.
3. Remove the rear cover of the Digital Duplicator.
4. Install the interface board [A]. (2 screws)
5. Locate the cable [B], and connect the 26 pin straight end to the interface board and twisted end [C] to main board.

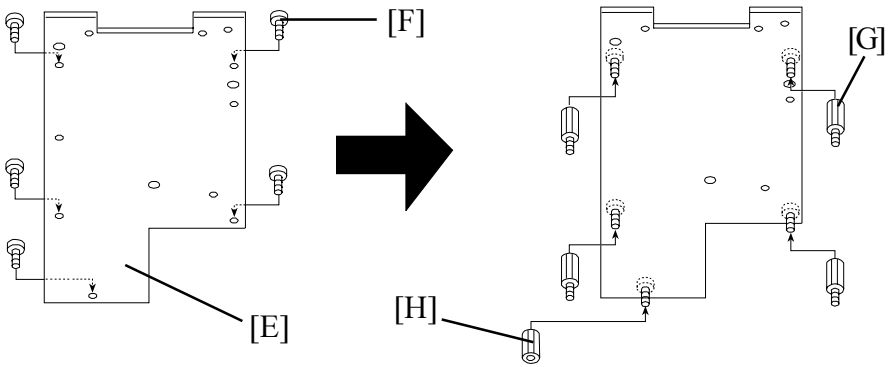


6. Mount the three 45mm standoffs [D] into the holes.



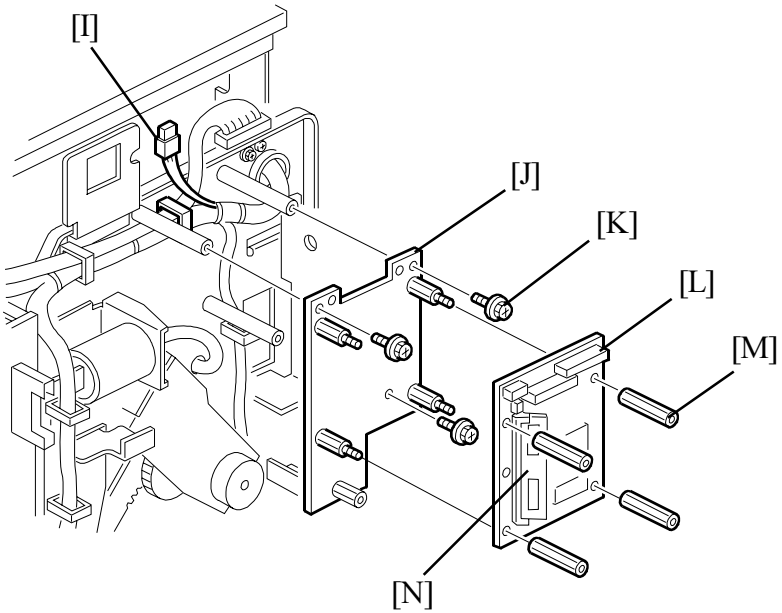
Note: Tighten these standoffs with a flat screwdriver.

7. Locate the mounting plate [E]. Orientate the plate correctly, as shown.
8. Attach five M3 x 6mm screws [F] on the mounting plate, then attach four M3 x 10mm male to female standoffs [G] and one M3 x 10mm standoff [H].



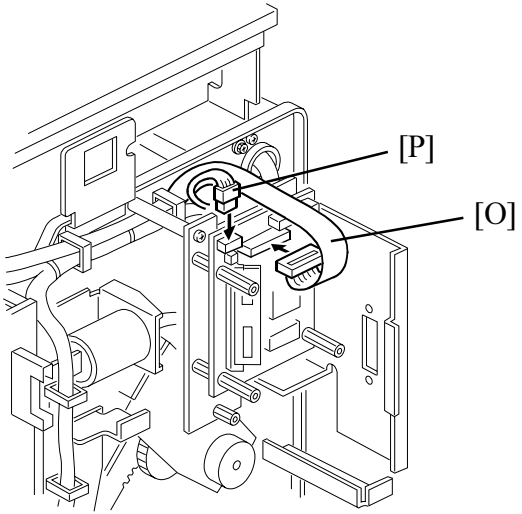
Note: There are three different size holes on the mounting plate. Use 4 of the 6 small tapped holes, and other holes are not used.

9. Disconnect the power cable [I].
10. Place the assembled mounting plate [J] onto the standoffs on the chassis and secure using the three M4 screws [K].
11. Install the UC5E main board [L].
12. Install four M3 x 25mm female to female standoffs [M].

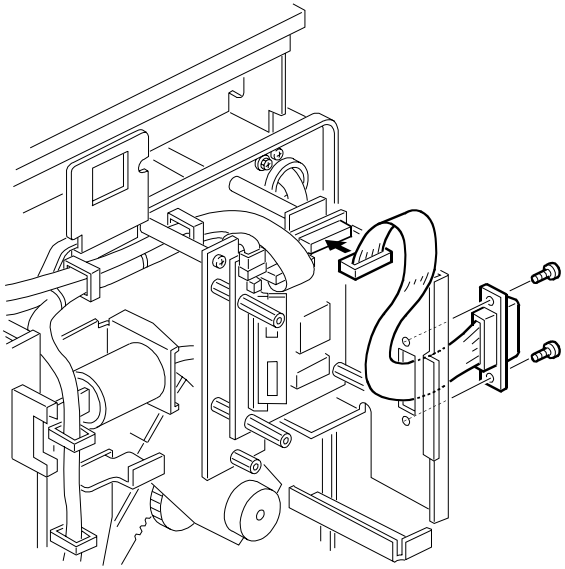


NOTE: The RAM SIMM [N] should be on the left.

13. Connect the cable [O] to the main board used in step 5.
14. Connect the power cable [P] to main board.



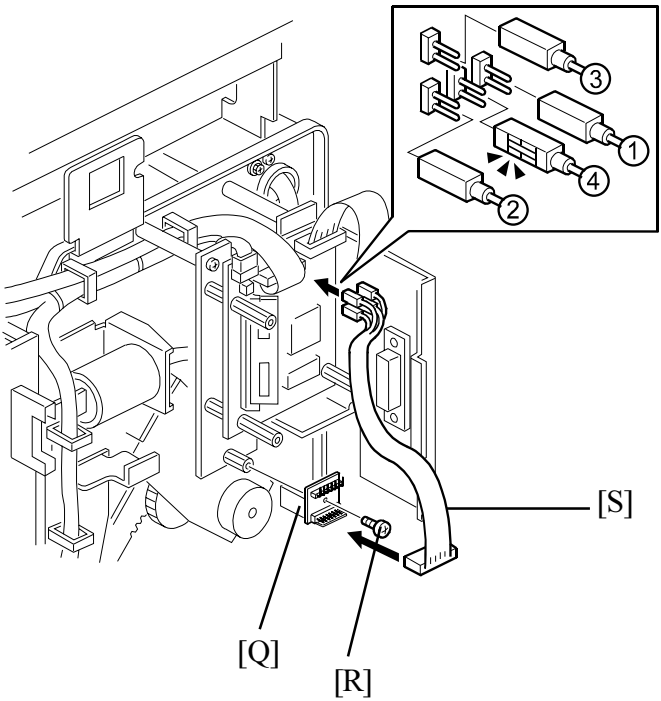
15. Connect the 26 pin ribbon cable end to outer connector on the main board. The DB25 end is connected to the DB25 cut out on the chassis of the main frame using the two M3 x 5mm screws.



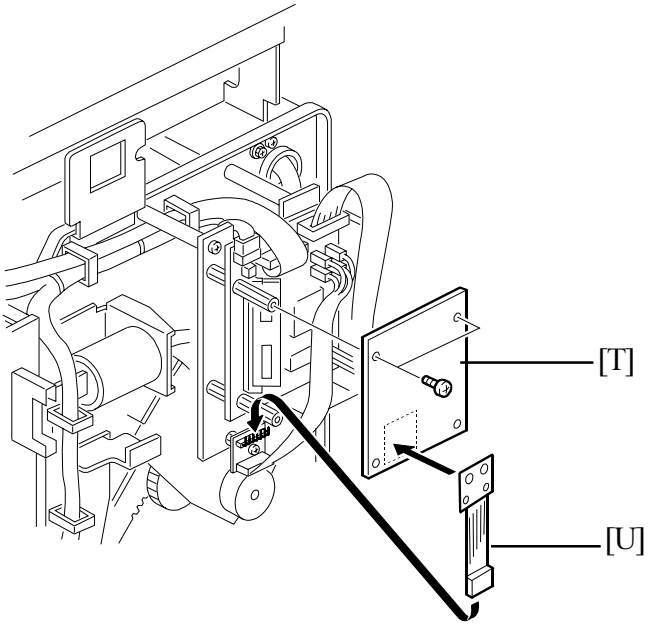
16. Mount the keypad PCB [Q] onto the standoff on the bottom and screw with M3 x 6mm screw [R] supplied.

17. Locate the 8 pin ribbon cable [S]. Connect the white pin connector onto the keypad PCB and the 4 x 2 pin connectors onto the main board.

NOTE: Connectors 1 and 4 are sensitive to polarity. Tlhese connectors should be plugged in with the viewable pin side (2 x gold colored pins) facing outwards and the solid sides facing each other.



18. Attach the UC5E front cover [T] and stick the marguard LED and button assembly [U] onto the outside bottom of the cover plate.
19. Reinstall the rear cover of the Digital Duplicator.



ZipRIP Installation Guide for Model C239 and C244

Tools required:-

a. Phillips screw driver
b. Flat head screw driver
c. Antistatic equipment

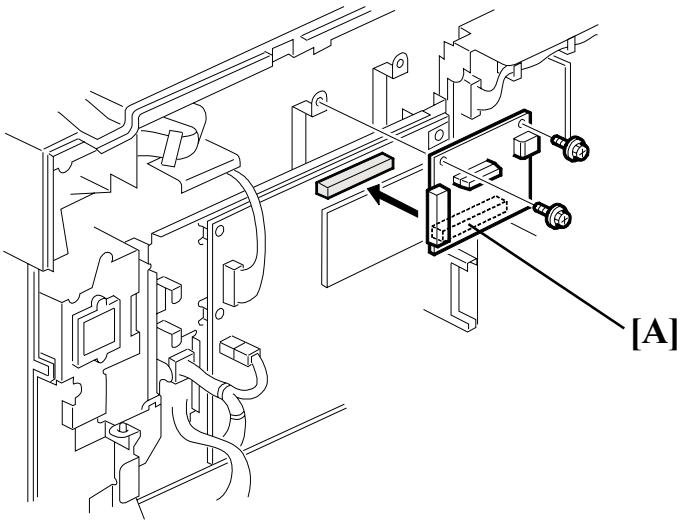
Discard the following parts for this installation:-

a. Part No. VU5E 05 300
b. Part No. VU5E 05 403
c. Part No. VU5E 05 404
d. Part No. VU5E 10 002
e. Part No. VU5E 05 401
f. Part No. VU5E 05 301

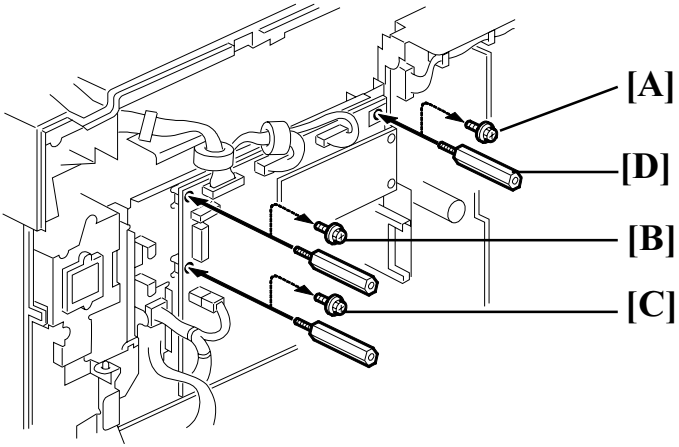
Installation Time

This installation should take 30 minutes excluding the time taken to install the video I/F board.

1. Turn off the main switch and unplug the power cord.
2. Remove your UC5E and ancillary items from the box.
3. Remove the rear cover of the Digital Duplicator.

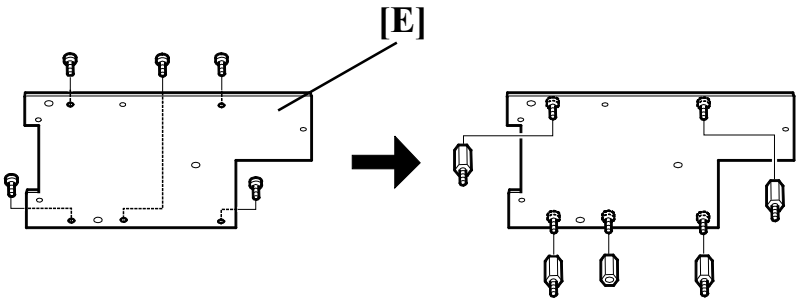


4. Install the video I/F board [A] from the package of Interface Cable Type 85 (Use the two M3 x 6mm screws from the package).



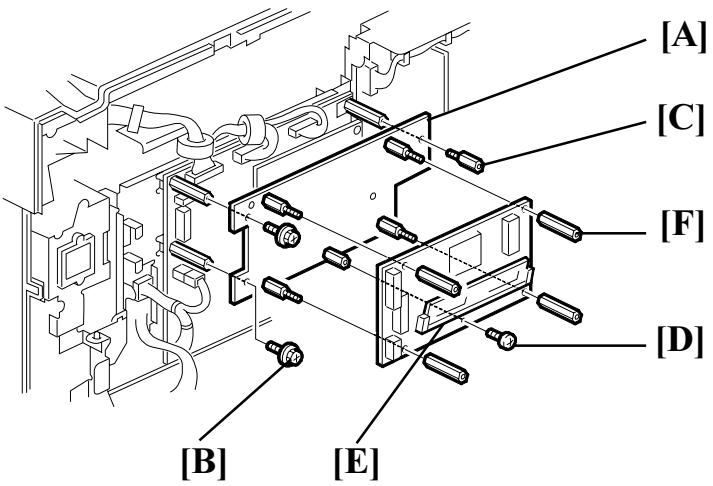
5. Remove screws [A], [B] and [C]. Keep them aside for later use.
6. Locate the three M3 x 35mm standoffs [D] supplied. Mount them into the holes.

NOTE: Care must be taken not to damage the Digital Duplicator MPU



7. Locate the mounting plate [E], part number VU5E05408. Orientate the plate correctly, as shown.
8. Attach five M3 x 6mm screws on the mounting plate [E], then attach four M3 x 10mm male to female standoffs to the outer screws and a M3 x 10mm female to female standoff to the middle screw.

NOTE: There are three different size holes on the mounting plate [E]. Use 5 of the 6 small tapped holes, and the other holes are not used.



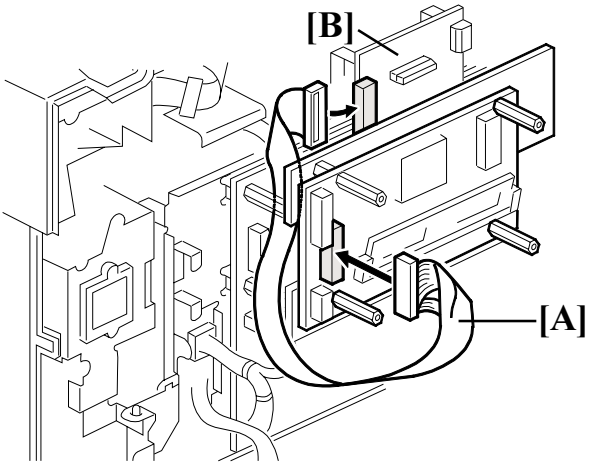
9. Place the assembled mounting plate [A] onto the standoffs on the chassis and secure using the theree M4 screws [B] set aside in step 4.
10. Locate a M3 x 10mm standoff and screw it through the mounting plate into the standoff [C].
11. Locate the UC5E main board, part number VU5E05002, and secure it by screwing in a M3 x 6mm screw [D].

CAUTION:

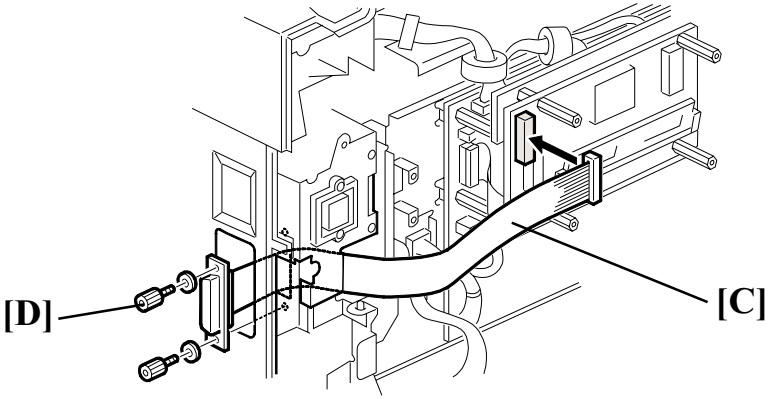
1) This part is very sensitive to static. Please ensure the correct antistatic precautions are taken.

2) The RAM SIMM [E] should be on the bottom.

12. Install four M3 x 25mm female to female standoffs [F].

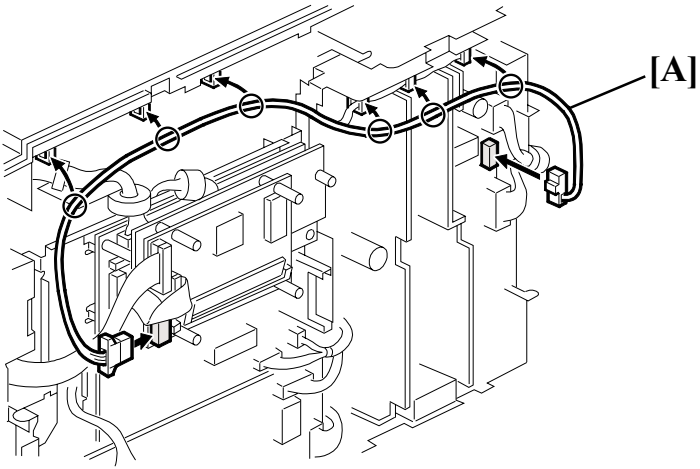


13. Locate the 26-pin MPU cable part number VU5E05401 [A], and connect the 26 pin twisted end to the UC5E main board middle connector and the other straight end to the video I/F board [B].



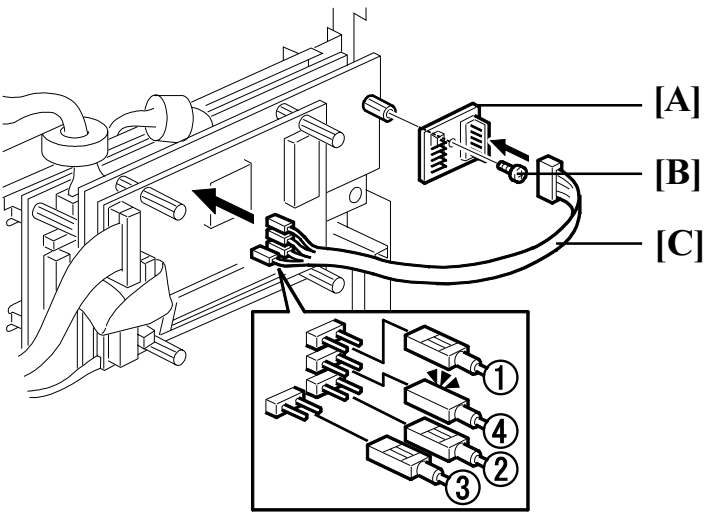
14. Locate the 26-pin to 25-pin ribbon PCB to cover cable [C], part number VU5E05410, and connect the 26 pin ribbon cable end to the outer ribbon plug on the UC5E main board. The DB25 end is connected to the DB25 cutout on the side chassis of the Digital Duplicator using the two M3 x 5mm jack posts [D].

NOTE: If a DB25 end cable is originally installed in the machine, remove it before installing the cable [C]. Reuse the two M3 x 5mm jack psts originally installed in the machine.



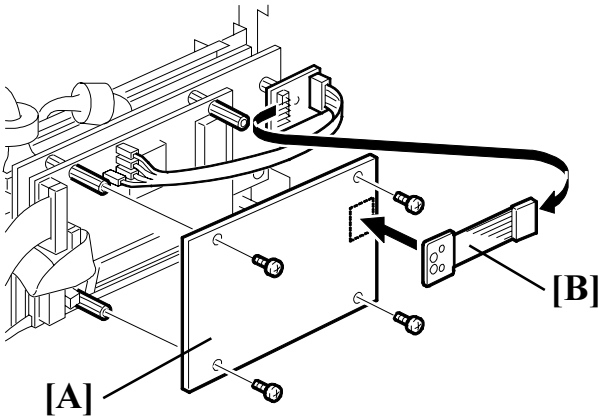
15. Locate the 2-pin power cable [A], part number UC5E05301. Connect the 4-pin side of the cable into the power plug on the UC5E main board. Connect the other end into connector CN702 of the Digital Duplicator.

NOTE: Ensure the slack is taken up evenly on the power cable through out it's length from the PSU to the UC5E main board.



16. Mount the deypad PCB [A], part number VU5E10005 onto the standoff on the right and secure with a M3 x 6mm screw [B] supplied.
17. Locate the 8-pin ribbon cable [C], part number VU5E10002. Connect the white pin connector end to the upright connector on the deypad PCB and the loose 4 x 2 pin connectors onto the UC5E main board.

NOTE: Connectors 1 & 4 are sensitive to polarity. These connectors should be plugged in with the viewable pin sides (2 x gold coloured pins) facing outwards and the solid sides facing each other.



18. Place the mounting plate cover [A] onto the standoffs on the UC5E main board and secure with four M3 screws supplied.
19. Stick the marguard LED and button assembly [B] onto the outside top right of the cover plate.

NOTE: The button connectors have no polarity therfore they can be connected in either way.

20. Plug in the power cord and switch the Digital Duiplicator on.
21. Press the “T” on the marguard and the Digital Duplicator will print a test page.
22. Turn the Digital Duplicator off and unplug the power cord.
23. Reinstall the rear cover of the Digital Duplicator.
24. Turn on the Digital Duplicator power switch.

Testing your UC5E

Once you have set up the UC5E, you can produce a test page before continuing to install the printer drivers on your computer.

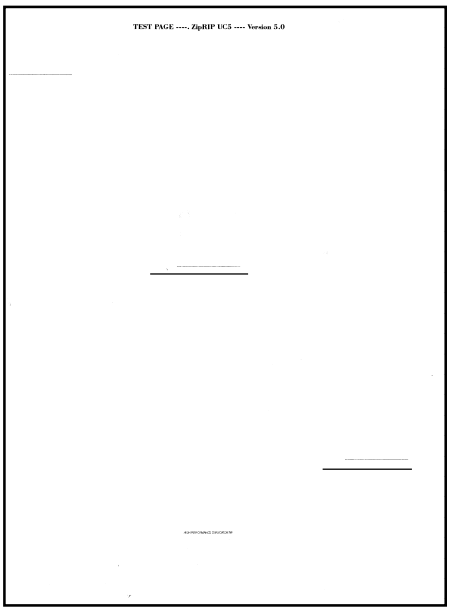
To produce a test page, put your Digital Duplicator "on-line" and press the "T" Button (use tip of pen or similar object).

To reach the marguard LED and button assembly on the Model C235, remove the small rectangular panel on the rear cover of the Digital Duplicator.

After a short delay a test page should be printed. The test page should look like the illustration below.

Note that the test page will print as an A4 sheet on a 300dpi Digital Duplicator. If the Digital Duplicator has a higher resolution then the output will appear smaller. -This is normal.

If a test page is not created correctly, then refer to the section "Troubleshooting your UC5E".



Activity Indicator

The right light indicates power is on. The left light activity indicator shows the status of the UC5E. The table below explains the different status indications.

Left Indicator Display	Meaning
On just after the UC5E is turned on.	UC5E initializing - the red light will stay on for 6 seconds.
Flashing rapidly.	The UC5E is receiving a print job.
Continuously on.	The UC5E has received a print job and is now waiting.
Continuously off.	The UC5E is idle.
Flashing slowly	and evenly. There is an error on the digital duplicator, such as paper jam.

Troubleshooting UC5E (GDI)

Normally, your UC5E will function correctly with no user intervention. If there is a problem use this section as a guide to solve it.

Problem: The following message is printed when I try to print a document: There was an error writing to LPT1: for the printer... The printer is not ready. Make sure it is turned on and on-line.

Try the following: a) Check all physical cable connection and power.
b) Reset the UC5E.
c) Check you are not trying to print to the UC5E across a network. If this is the case see your windows documentation on network printing.
d) Check the parallel port is set to "ECP" mode.

Problem: Print jobs download to the UC5E, but the Digital Duplicator does not create a master.

Try the following a) Press the Digital Duplicator "on-line" key. Some duplicators do not support Auto on-line functions. Check that your duplicators Auto on-line function has been enabled. Check also that the last print run on the Digital Duplicator
has been completed.

b) Turn the Digital Duplicator off then on.

Problem: Activity light on the UC5E is permanently on, but no master is created.

Try the following: Press the reset button on the UC5E.

Problem: UC5E connected via optional network interface does not respond.

Try the following: a) Reset the network interface.

b) Check connections to the network interface.

c) Make sure that the configuration for the network interface port is referencing the correct network interface.

If none of the above resolves your problem you can send a description of the error to the ZipRip web site. Please include all details such as PC specification, Operating System, Application and version being used as well as a detailed account of the error and any preceding events that might have led to it. **www.ziprip.com**