

brother.

HL-1440 / 1470

CD-ROM

CD-ROM

<http://www.brother.co.kr>

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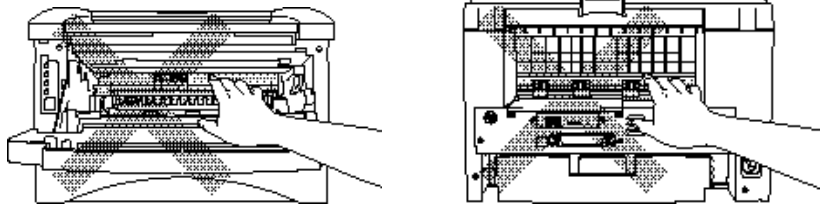
/

HL -1440, HL -1470, HL -1470N



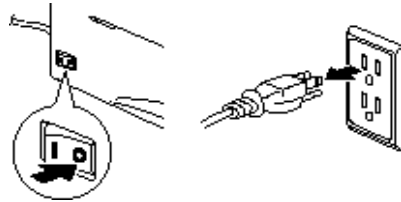
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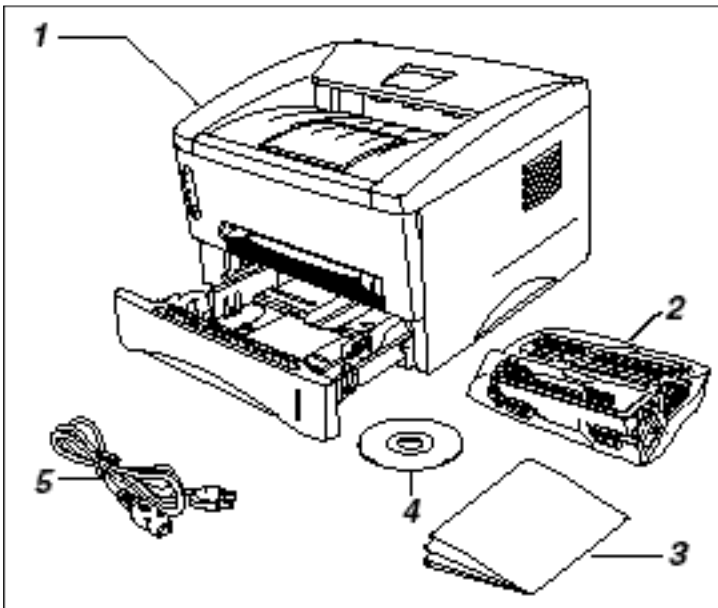
81

82

83

	87
USB	88
	89
	95
	A - 1
	A - 1
	A - 6
	A - 8
	I - 1

1



- 1.
- 2. ()
- 3.
- 4. CD-ROM
- 5. AC

가 가

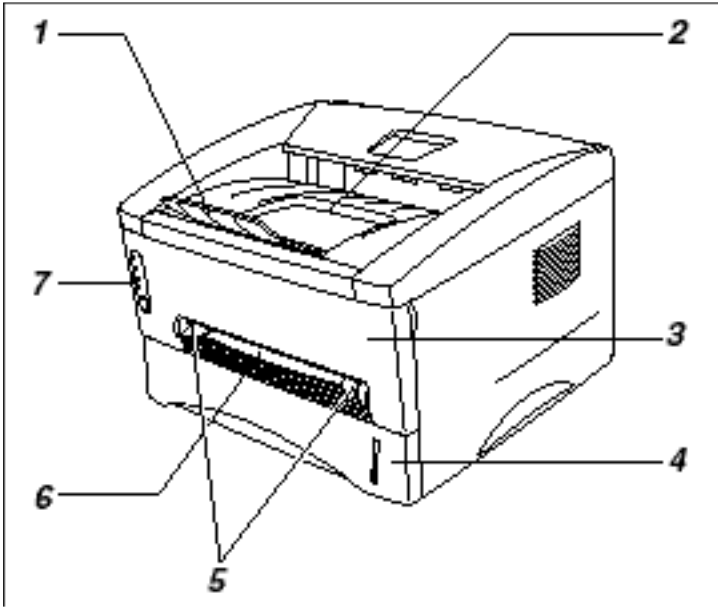
/ 가 가



- - USB
 -
 - IEEE 1284
 - 3 (10)
- (HL -1440, HL -1470)
- USB , 12 Mbps (Twisted Cable)
 - PC USB
 - PC iMac USB



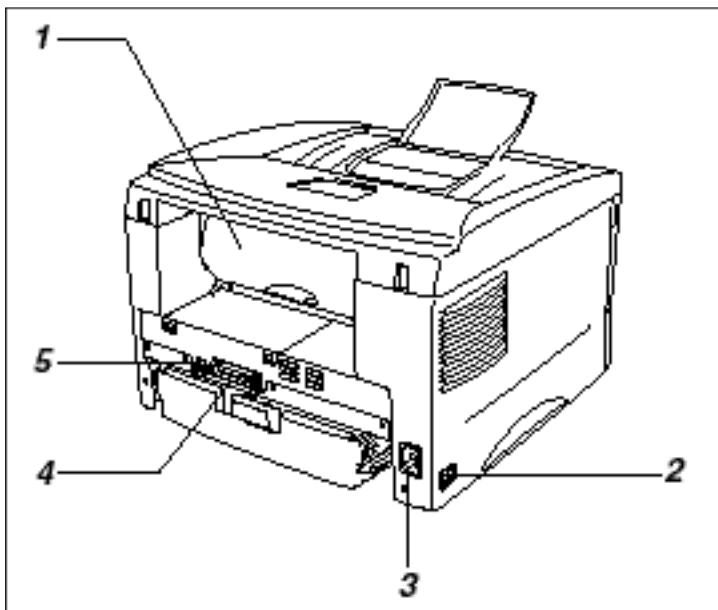
◆ (Front View)



- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

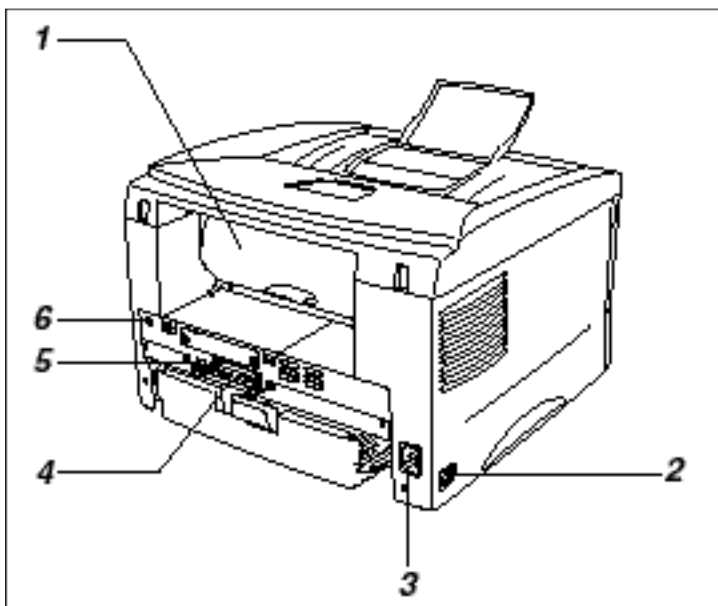
가

◆ (HL - 1440)



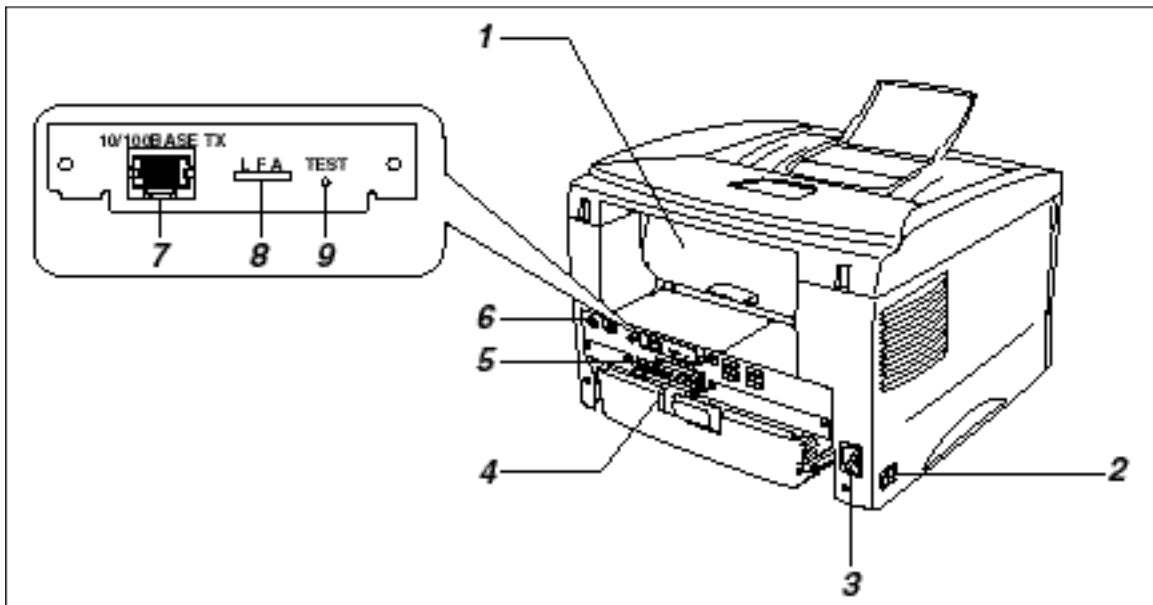
- 1.
- 2.
- 3. AC
- 4.
- 5. USB

◆ (HL - 1470)



- 1.
- 2.
- 3. AC
- 4.
- 5. USB
- 6. Mini Din

◆ (HL - 1470)



- 1.
- 2.
- 3. AC
- 4.
- 5. USB
- 6. Mini Din
- 7. 10/100Base TX (_____.)
- 8. LED (_____.)
- 9. (_____.)
- 10. _____.

AC : AC 220 240V
: 50/60 Hz (220 240V)

5 (16.5)

가

가
: 10 ° C 32.5 ° C (50 ° F 90.5 ° F)
: 20% 80%

가
10cm(4) 가
가

가

	Tray 1
()	Tray 2 (HL-1470)

	Tray 1		Tray 2	
60 g/m ² 105 g/m ² (16 28)				
1				
105 g/m ² 161 g/m ² (28 43)				
	10 A4, Letter	A4, Letter		
		A4, Letter		

¹ (Bond paper):
)

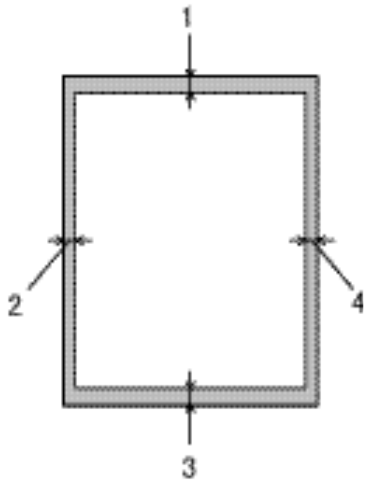
「 (陶砂 -
가

			()
	A4, Letter, Legal , B5 (ISO), Executive, A5, A6, B6	: 70 216 mm (2.15 8.5) : 116 356 mm (4.57 14.0)	A4, Letter, Legal , B5 (ISO), Executive, A5
	250 (80 g/m ² (21))		250 (80 g/m ² (21))

- 가
-
- 75 90 g/m²
-
-
- 5%

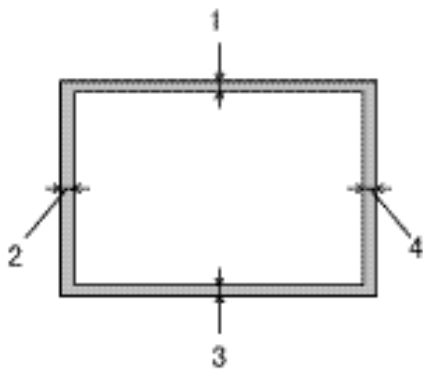
“

”



	/	/ 가
1	0.17 inch (4.2 mm)	4.2 mm
2	0.25 inch (6.35 mm)	6.01 mm
3	0.17 inch (4.2 mm)	4.2 mm
4	0.25 inch (6.35 mm)	6.01 mm

가



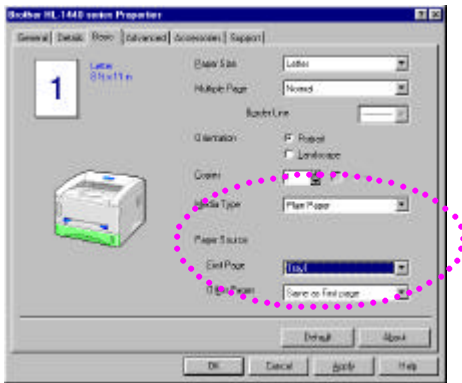
	/	/ 가
1	0.17 inch (4.2 mm)	4.2 mm
2	0.2 inch (5.08 mm)	5.0 mm
3	0.17 inch (4.2 mm)	4.2 mm
4	0.2 inch (5.08 mm)	5.0 mm

“ 가

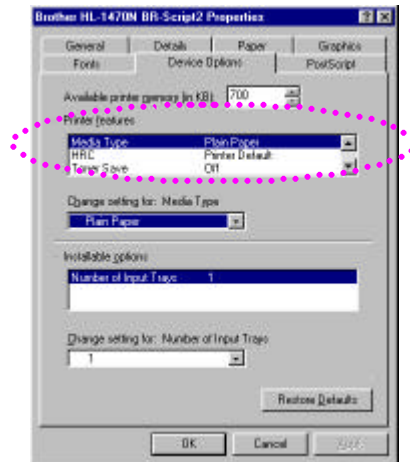
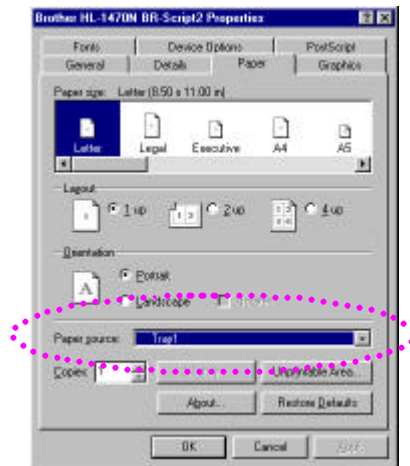
1.

: Tray1

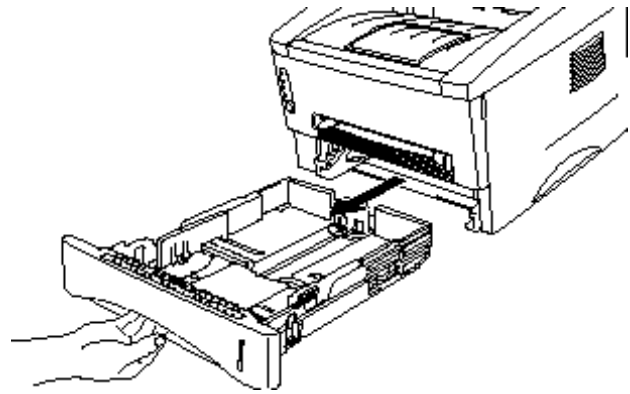
PCL driver



PS driver

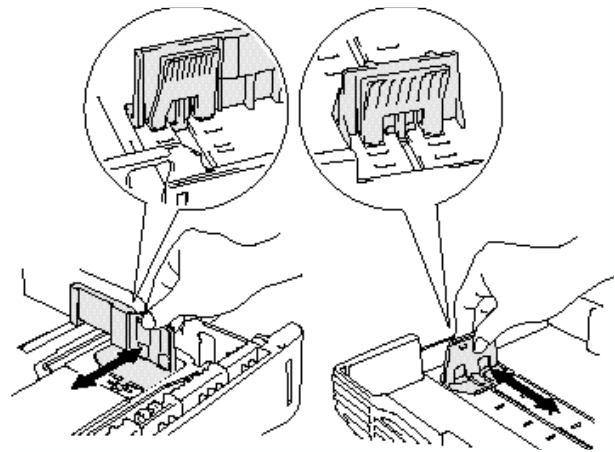


2.



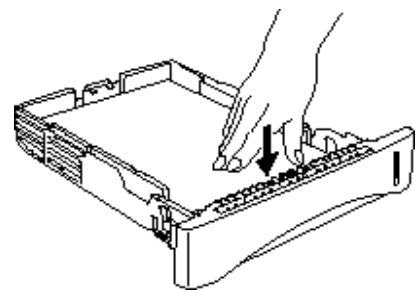
3.

가 (tip) . 가 (slot)



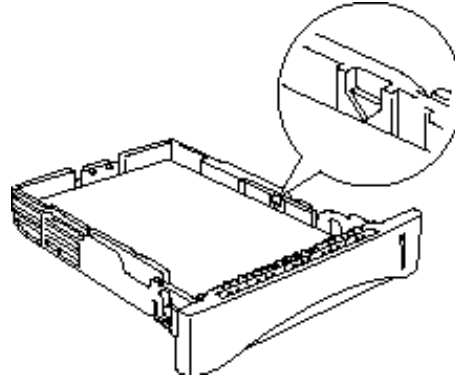
4.

, 가 .



/

- 250 (80 g/m²) 가



- , ()

5.

/

- 가



-

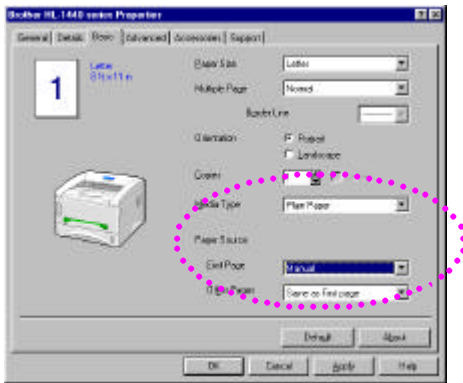
6.

/

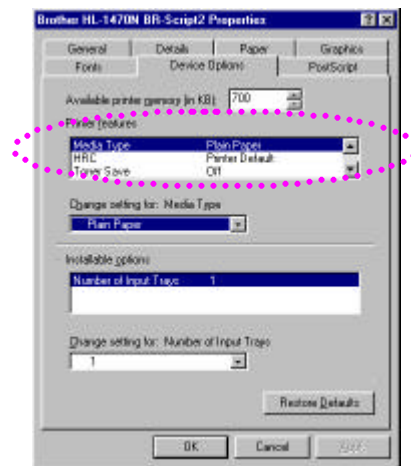
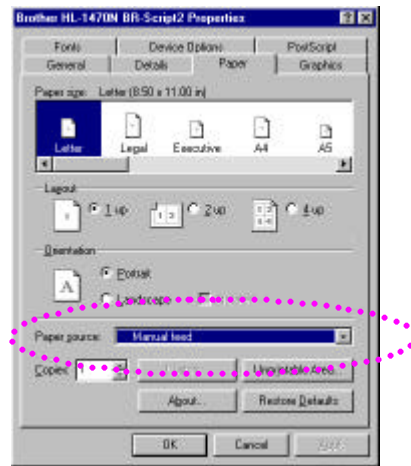
1.

⋮

PCL driver



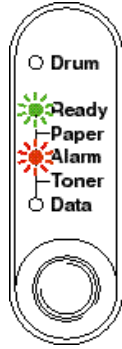
PS driver



2.

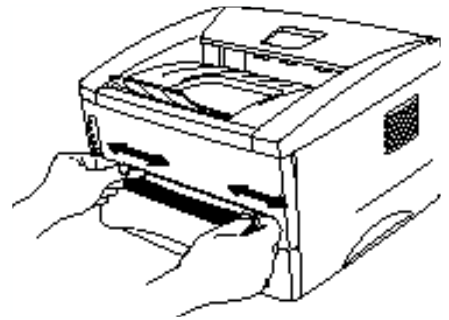
/

” 가 LED “



3.

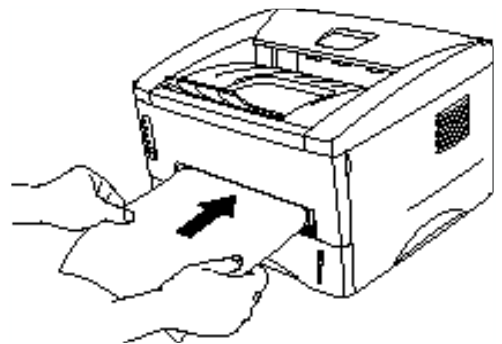
가



4.

가

가



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5.

가

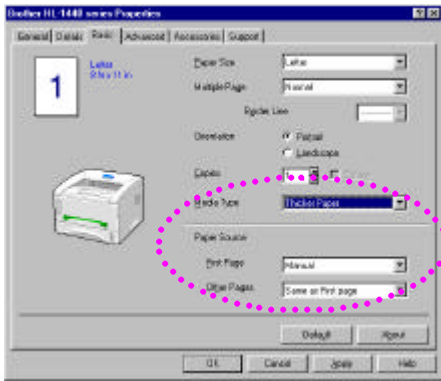
4

“ 가 ”

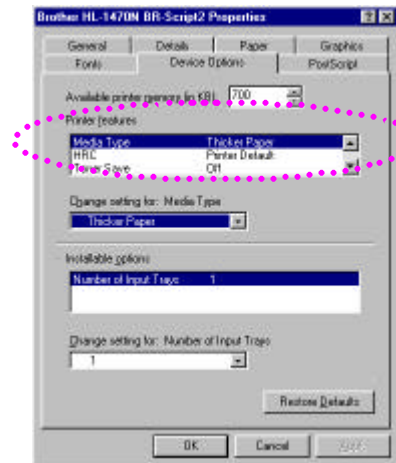
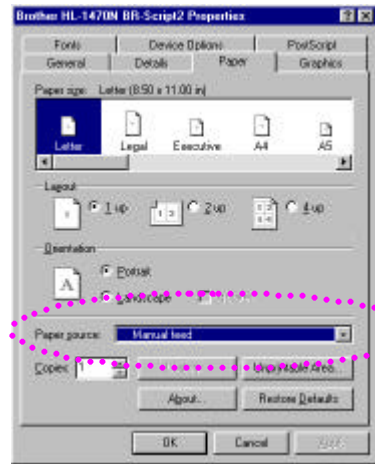
1.

⋮
⋮ /

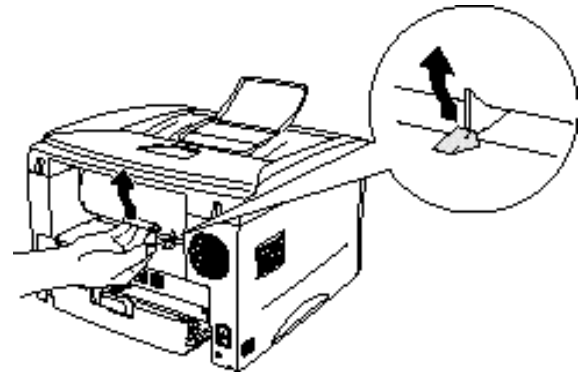
PCL driver



PS driver



2.

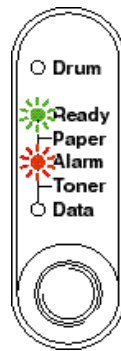


3.



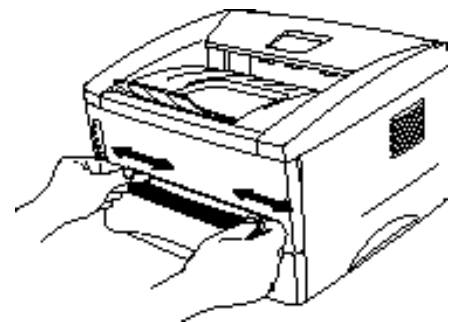
가

LED “ ”



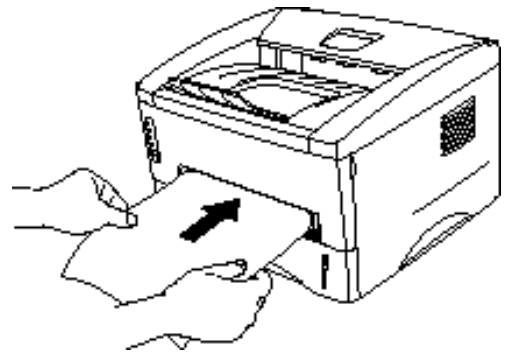
4.

가



5.

가 가



6.

가

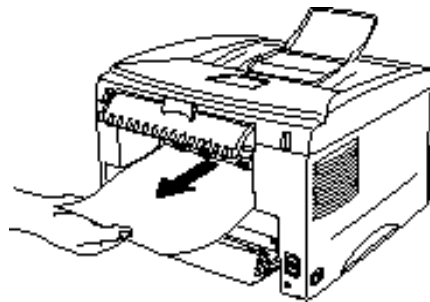
5

가

7.



가

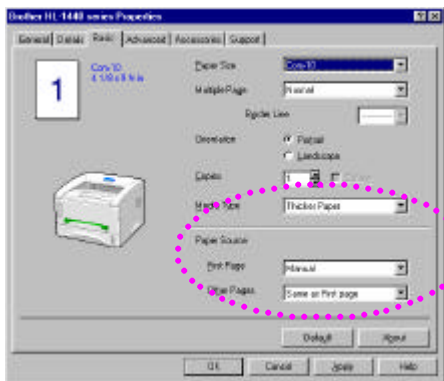


가

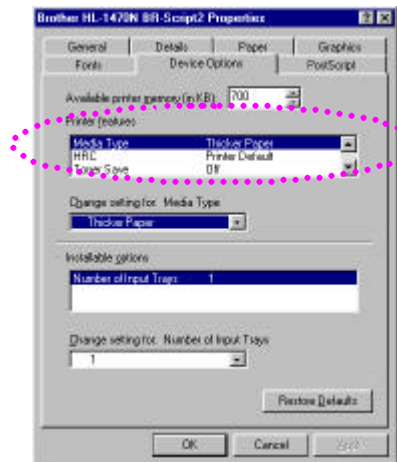
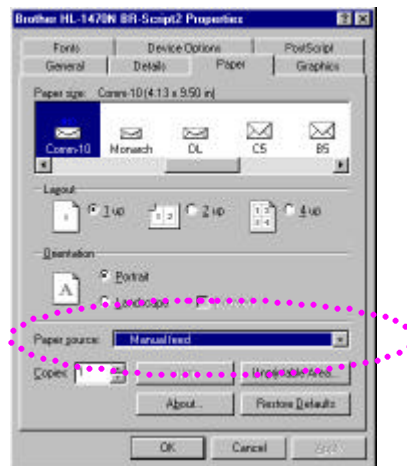
1.

⋮
/

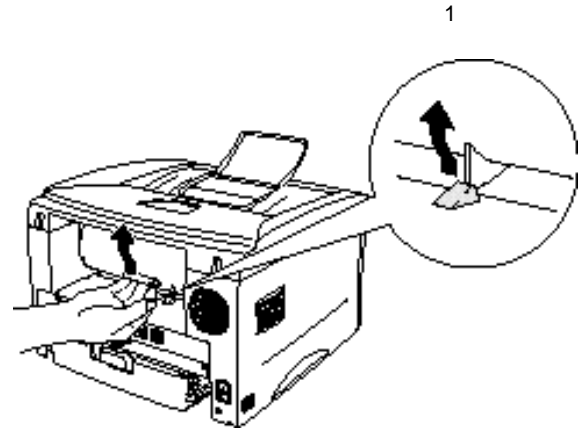
PCL driver



PS driver



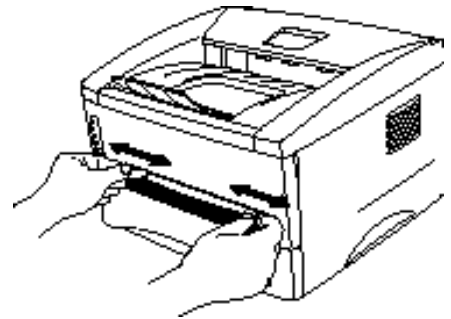
2.



3.

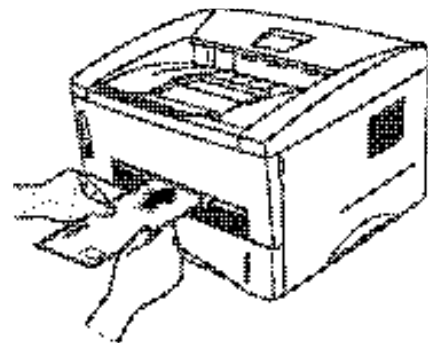
4.

가



5.

가 가



6.

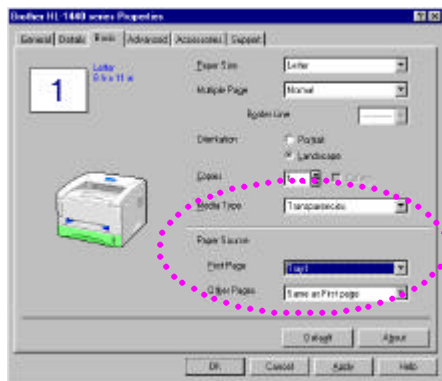
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7.

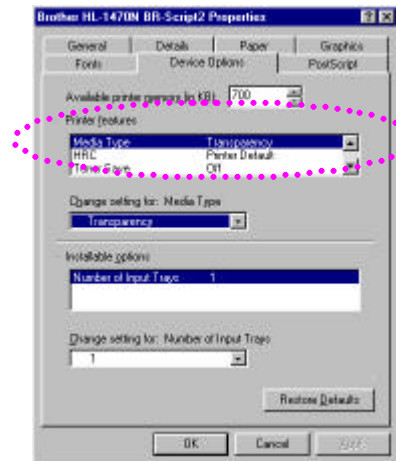
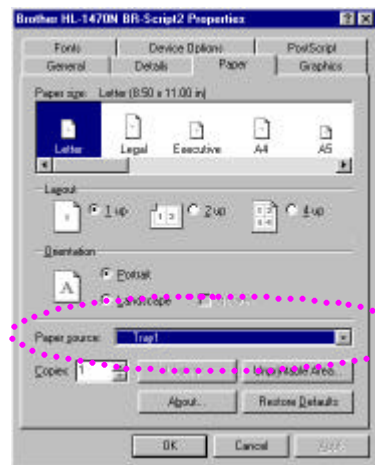
1.

:
: Tray1

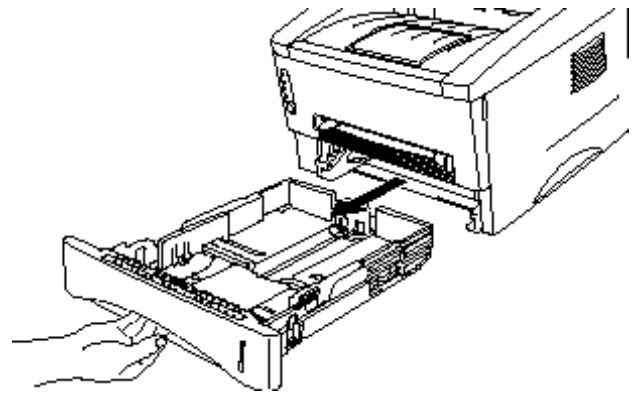
PCL driver



PS driver



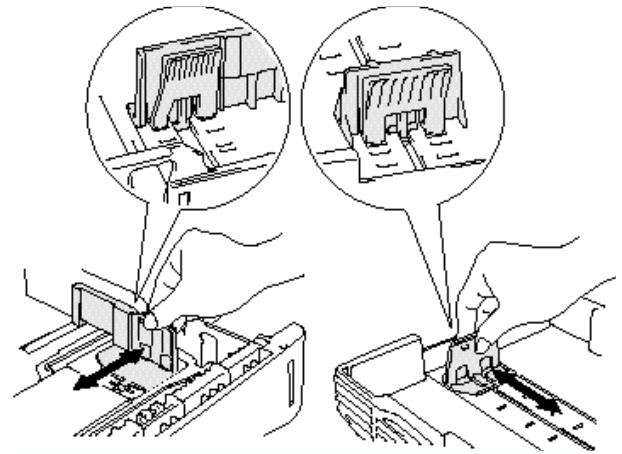
2.



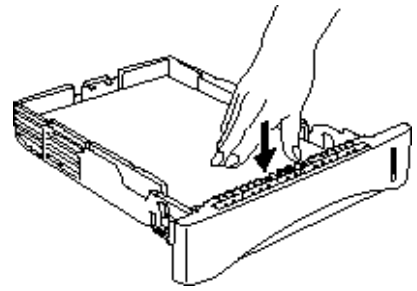
3.

가

가



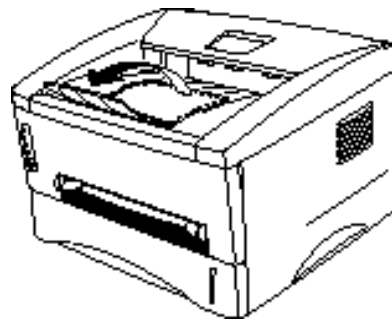
4.



5.

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가

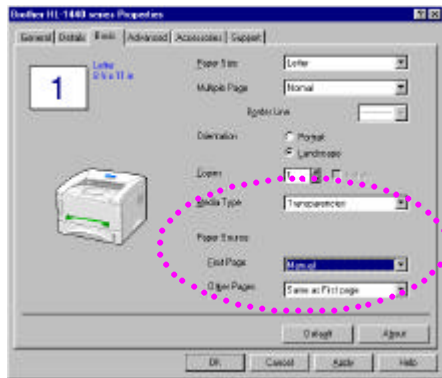


6.

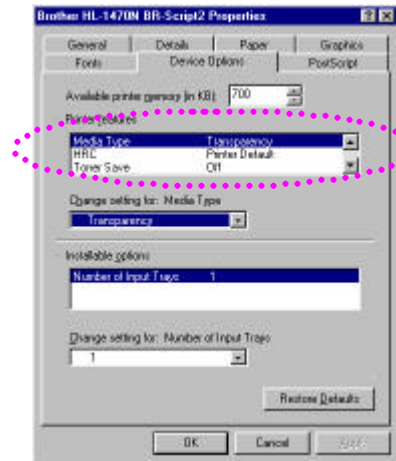
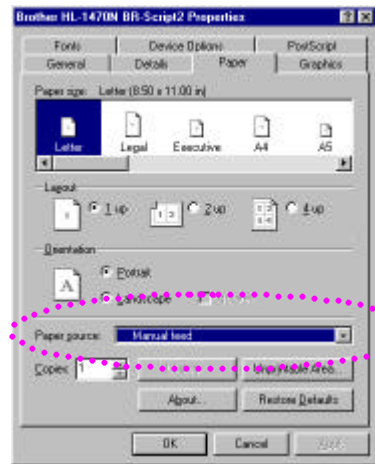
1.

⋮ /

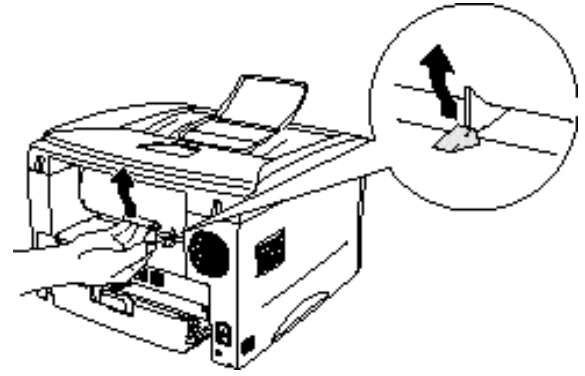
PCL driver



PS driver



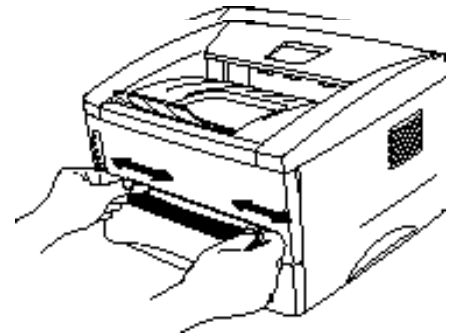
2.



3.

4.

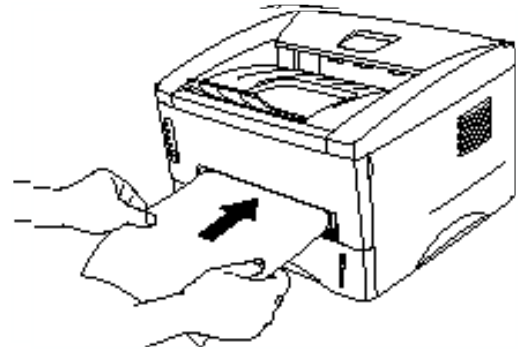
가



5.

가

가



6.

5

7.

()

Windows 95/98,Me

Windows NT 4.0 / 2000
가 가

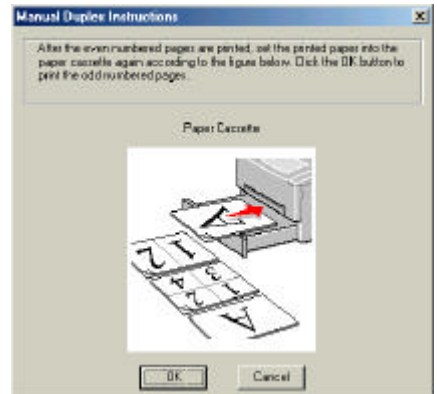


1.

2.

3.

가 ()



4.



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-
-

가

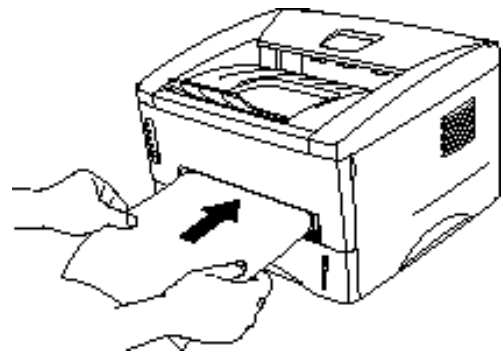
6

“

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1.

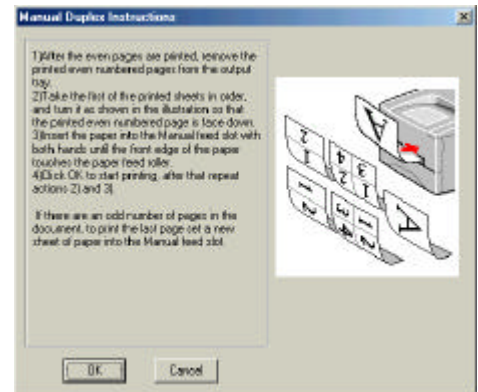
2.



3.

가

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4.

3



- 가
- 가
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- .)
- 가

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CD-ROM

<http://www.brother.co.kr>

CD-ROM

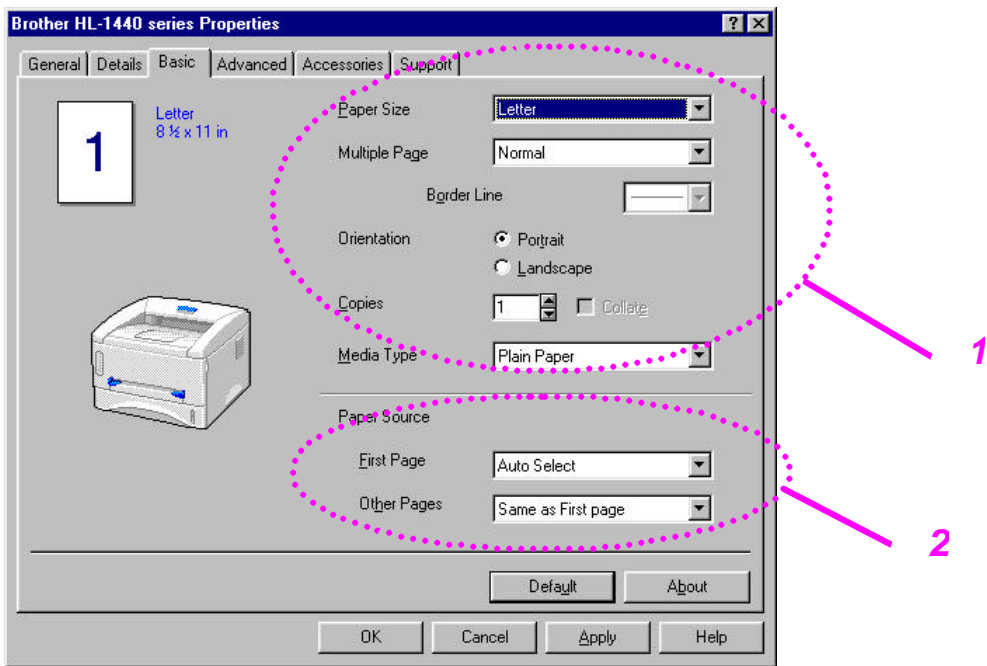
Windows 95/98/Me, Windows NT 4.0 Windows 2000 :
 PCL (Hewlett-Packard LaserJet laser printer)
 BR-Script (PostScript Level 2)

Macintosh
 BR-Script (PostScript Level2) (.)
 CD-ROM ‘ ,)
 Macintosh USB printer driver

	PCL Driver	PS Driver
Windows 95/98/Me		
Windows 2000		
Windows NT4.0		
Macintosh ()		
Macintosh (USB)		

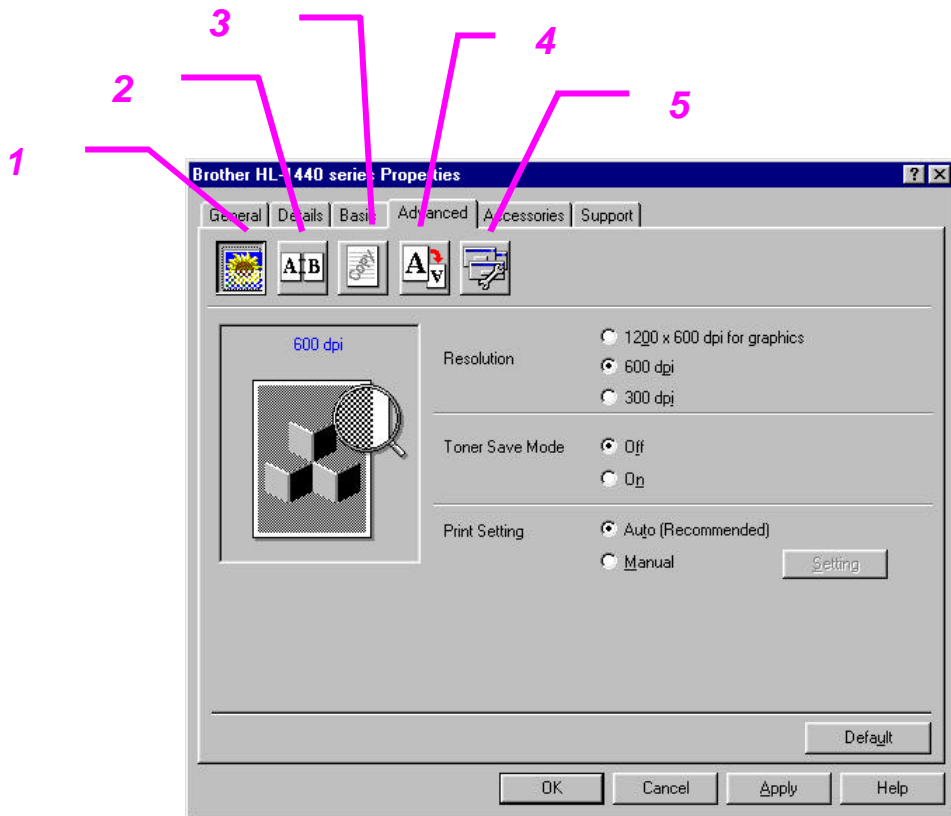
❖ PCL

<http://www.brother.co.kr>



1.

2.



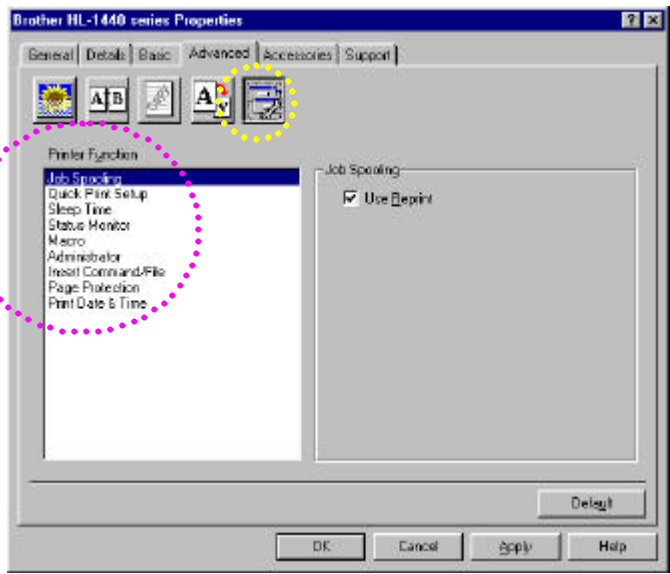
- 1.
- 2.
- 3.
- 4.
- 5.

300 x 300 dpi
600 x 600 dpi
, 1200 x 600 dpi

1

(Windows 95/98/Me)

가 . 6가 가



Spooling

(Windows 95/98/Me)
/ (Windows 95/98/Me)

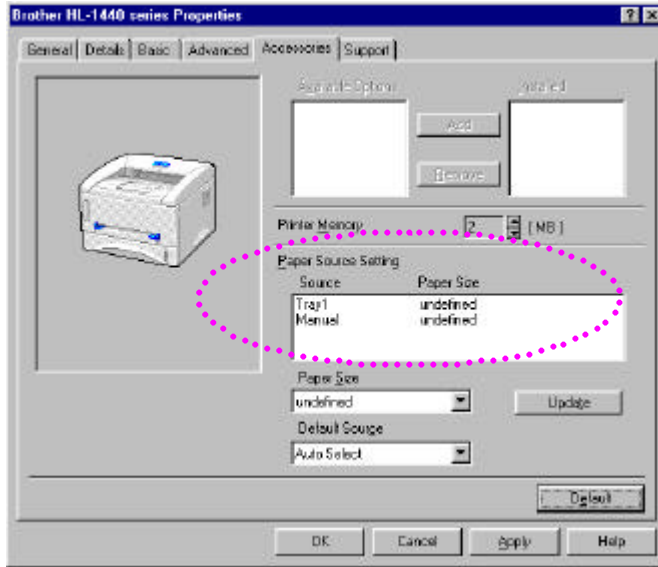
HRC (Windows NT 4.0/2000)
(Windows NT 4.0/2000)

/

가

◆ 가

가 가



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-

<http://www.brother.co.kr>
가



❖ PS

/

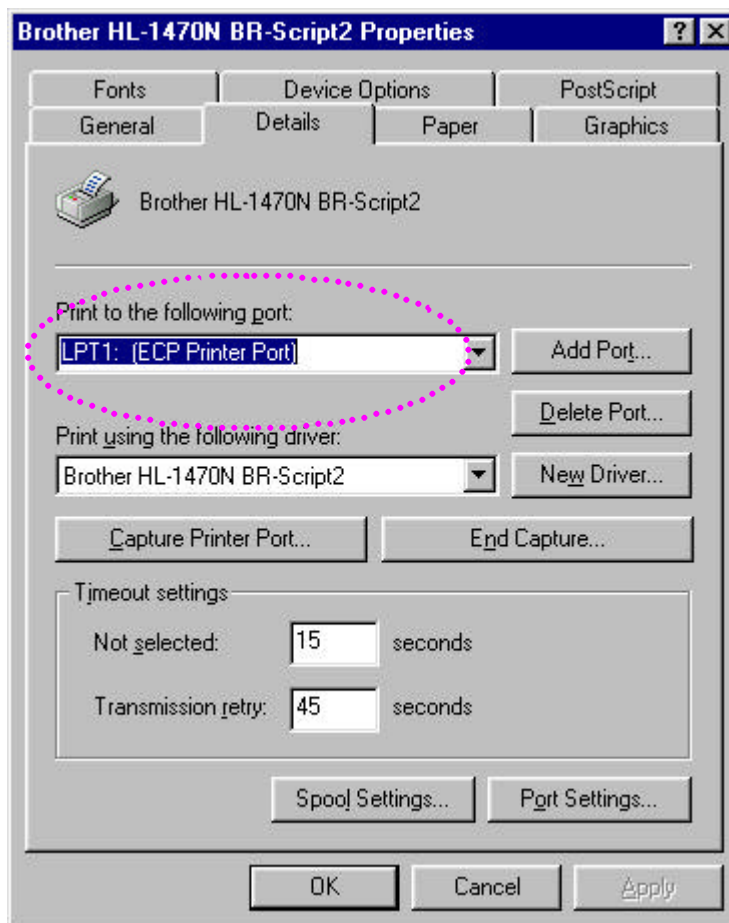
HL -1470

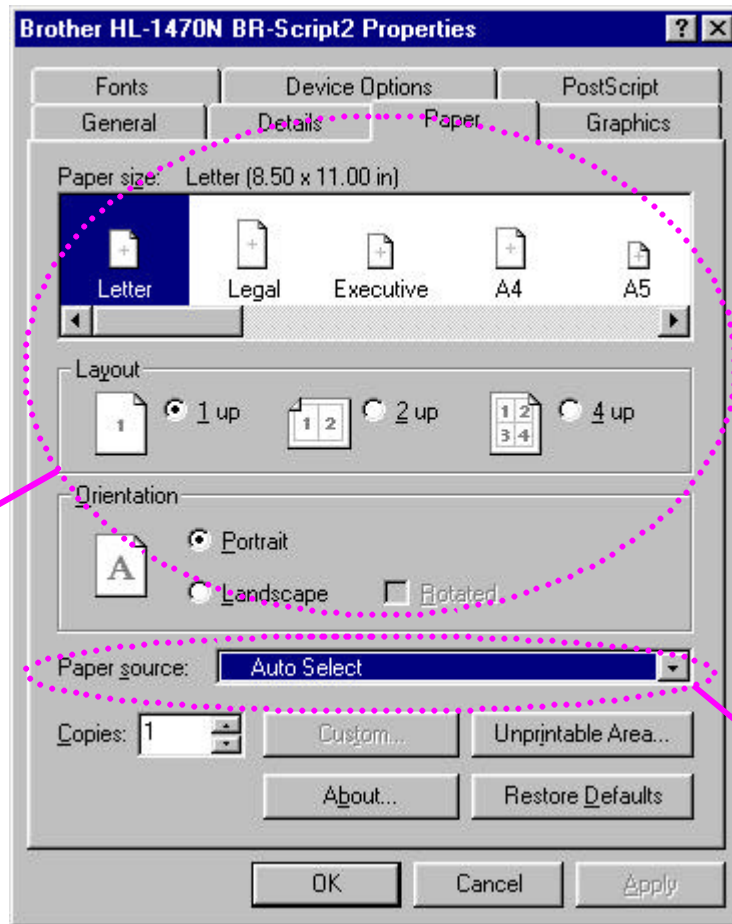
<http://www.brother.co.kr>

◆ ‘ ’

1. 가

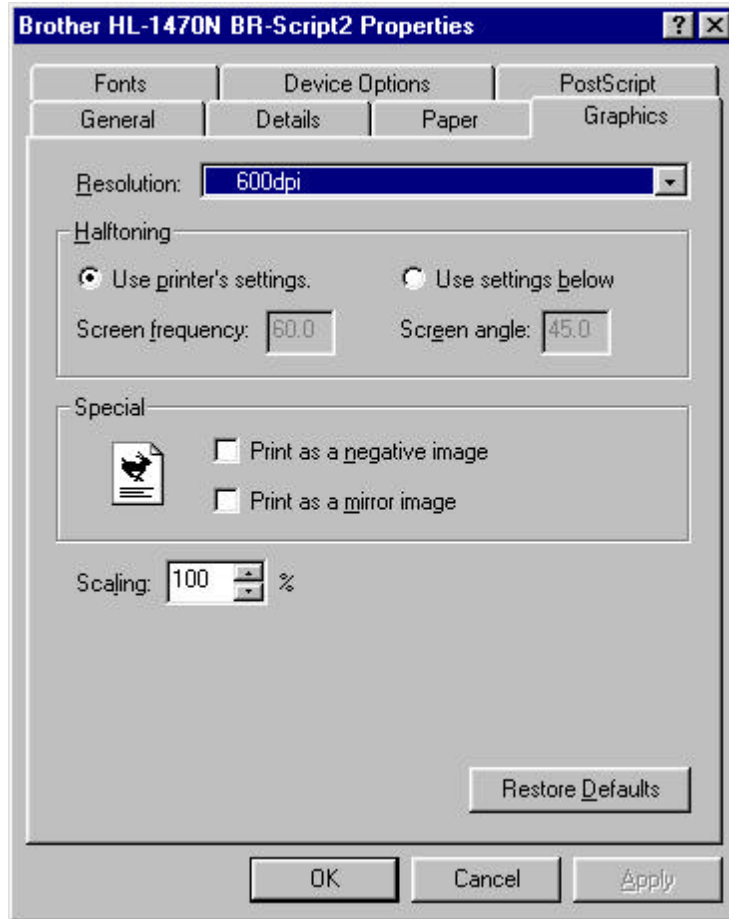
2.

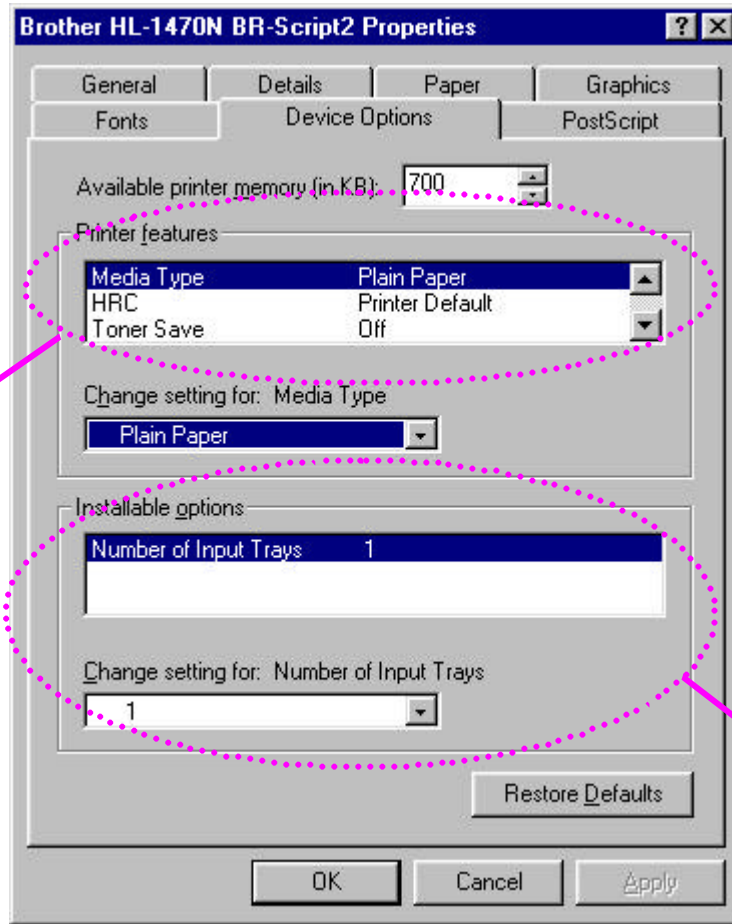




1. , , .

2. .





1. ' ' .

HRC

2. .

Macintosh 8.51, 8.6, 9.0 9.1
<http://www.brother.co.kr>

❖ USB

USB 가 : Power Macintosh
 32MB RAM (64MB)
 Mac 8.51, 8.6, 9.0 9.1 .



()

Ethernet 가 : Power Macintosh
 32MB RAM (64MB)
 Mac 8.51, 8.6, 9.0 9.1 .
 LaserWriter 8 8.6 8.7 .

◆ Apple LaserWriter 8

Apple LaserWriter
<http://www.apple.com>

LaserWriter 8 8.6 8.7 가

/

E - mail

E-mail

E-mail

E-

E-

E-mail

E-mail

가
가

E-mail

PC

E-mail

PC

E-mail

PC

E-mail

❖ BRAdmin Professional

BRAdmin Professional
Windows NT 4.0

Windows 95/98/Me, Windows 2000

가

(configure)



(,)

(fixed form))



.exe

(peer-to-peer)

2



3

“ ON ”

가

EPSON ()	IBM
HP LaserJet	HP LaserJet
BR-Script 2	BR-Script 2
EPSON FX -850	IBM ProPrinter XL

²

(P2P

).

³ Emulation:

가

가

3



/



가

가 ‘

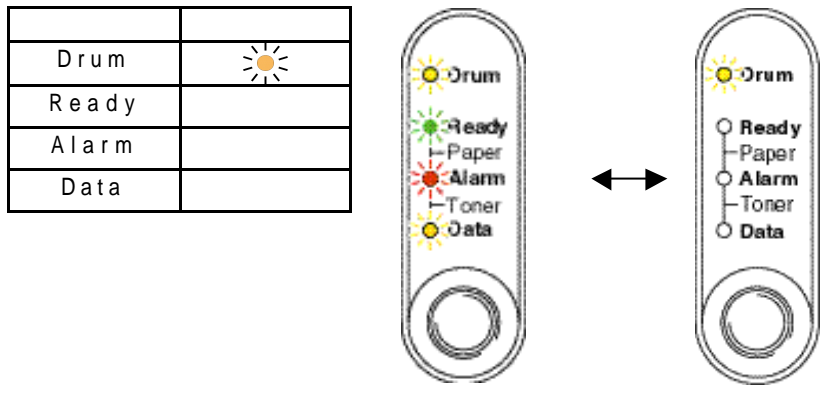
’

,



	<p>가</p>
	<p>가 가 가</p>
<p>5</p>	<p>가</p>
	<p>5 “ ”</p>
	<p>5 ”</p>

가 , 가 , 가 가



		BD		ROM
Drum				
Ready				
Alarm				
Data				

	D-RAM	A	B	
Drum				
Ready				
Alarm				
Data				

	NV-RAM		CPU
Drum			
Ready			
Alarm			
Data			

‘ ’ 가 ,
 .

()가 ‘ ’ 가
 .
 .

/

가 .



가

25

Data 가

가



1.

2.

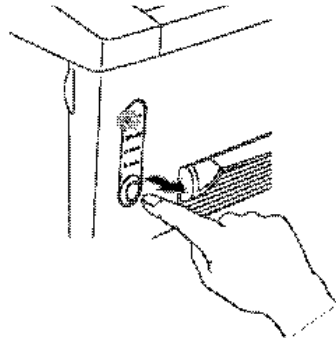
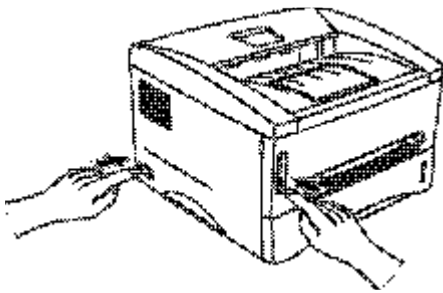
가

가

3.

가

가

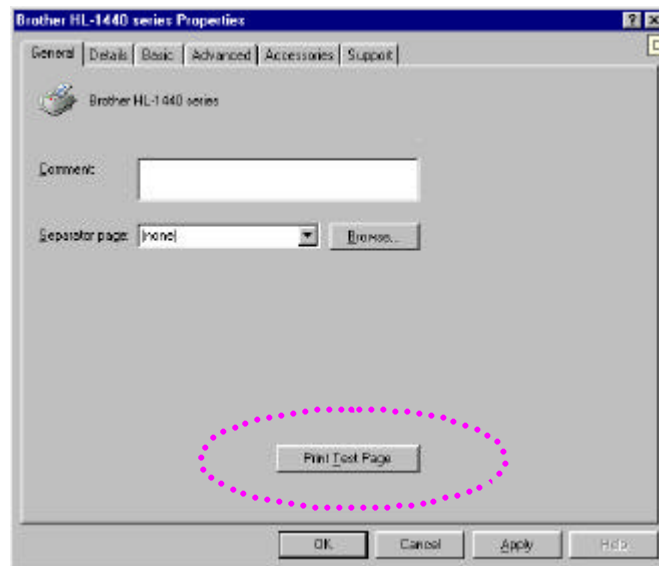


4.

가



() Windows PCL





1.

2.

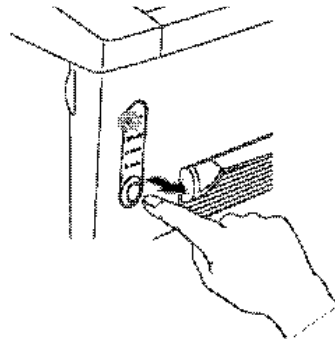
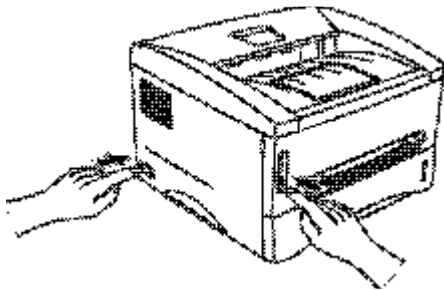
가

가

3.

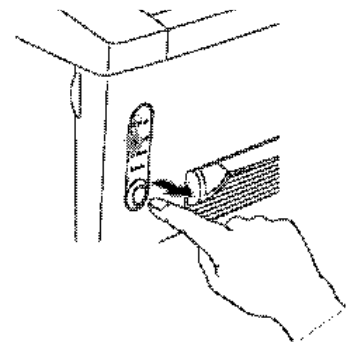
가

가



4.

5.





() PCL



4

가

	SIMM			
HL -1440				
HL -1470				

SIMM

HL -1440, HL -1470

HL - 1440

가 2 Mbyte 가 ()
 , Single In-line Memory Module) SIMM(34 Mbyte

HL - 1470

가 8 Mbyte 가 ()
 4 Mbyte SIMM 4 Mbyte
 SIMM 36 Mbyte SIMM
 SIMM 8 Mbyte



()

HL - 1440 (2 MB)

	300 dpi	600 dpi	1200 dpi
Letter/A4			10 MB
Legal			10 MB

HL - 1470 (8 MB)

HP LaserJet, EPSON FX -850 IBM Proprinter XL

	300 dpi	600 dpi	1200 dpi
Letter/A4			16 MB
Legal			16 MB

PostScript Level II

	300 dpi	600 dpi	1200 dpi
Letter/A4			16 MB
Legal			16 MB

가 SIMM

가 .

	60 ns	80 ns
	72	
	25.4 mm (1.00)	
	32	36

/

- 가 ‘ , ’
(HL-1440)
• HL-1440 2 MB , 1200 dpi
SIMM 가 가 .
(HL-1470)
• FTP/IPP SIMM 가

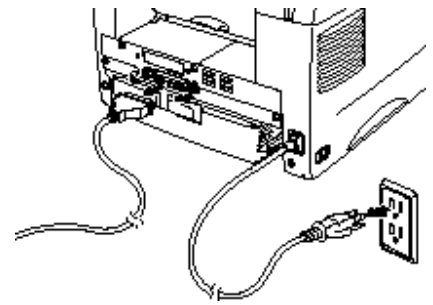
/

SIMM . SIMM
,
SIMM .

가

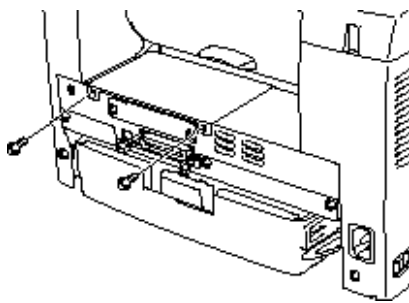
1.

AC

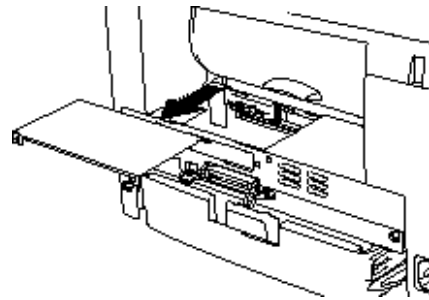


SIMM

2.



2



3.

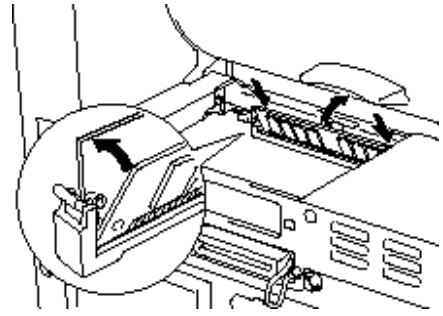
SIMM

가



SIMM

4. SIMM
“ ”



5. 2

6.

7. ()

/

SIMM

가 가 ’

3

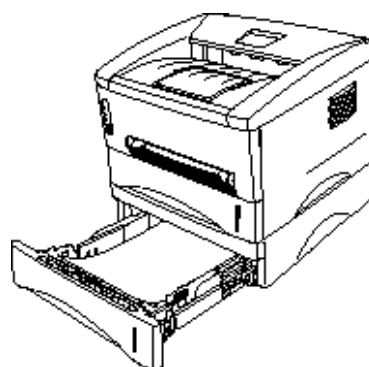
“

”

/

HL -1470

250 가 (80 g/m² (21))



()

/

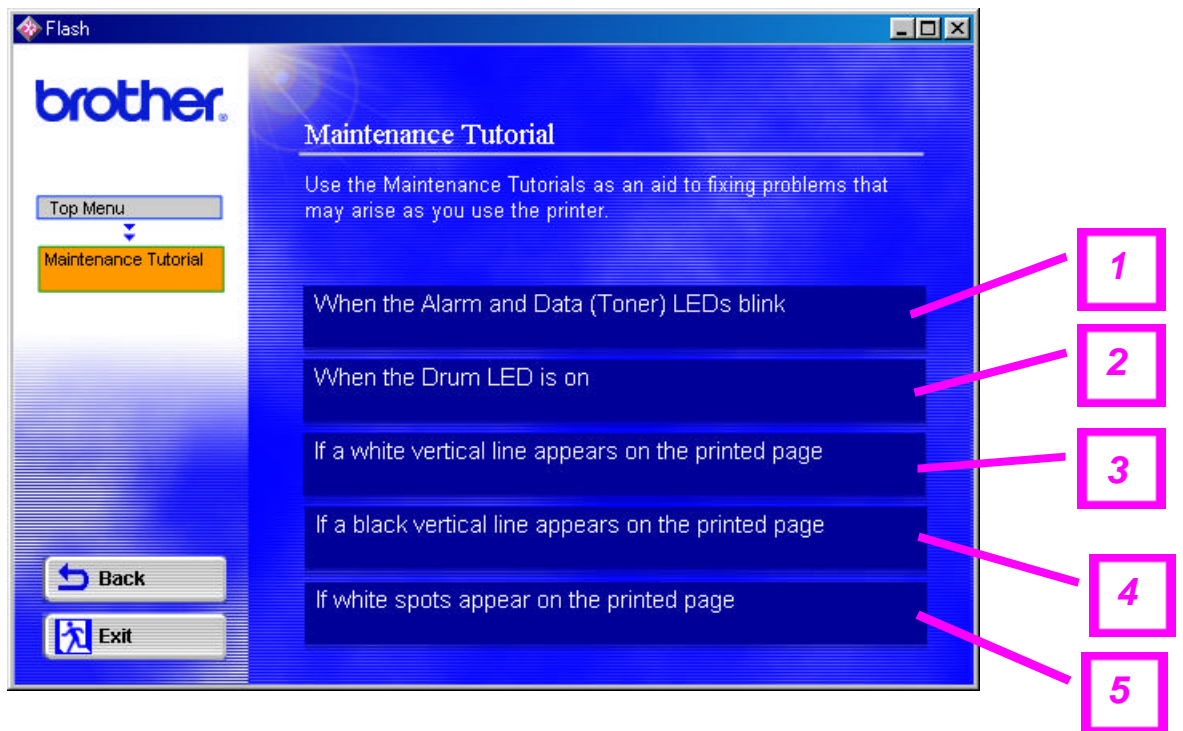
HL -1440,HL -1470

()

HL -1440, HL -1470

- TCP/IP, Netware, NetBIOS, Banyan VINES, LAT DLC/LLC
- - BRAdmin Professional
 - IP IPX SNMP MIB I MIB II
 - DEC NCP, TELNET NetWare
 -
-

CD-ROM



- 1.
- 2.
- 3.
- 4.
- 5.

OPC¹

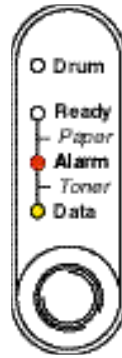
6 “ ”

1

(Organic Photoconducting Cartridge)

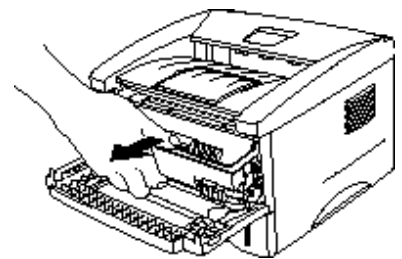
가

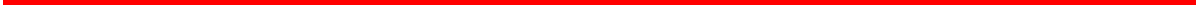
가



1.

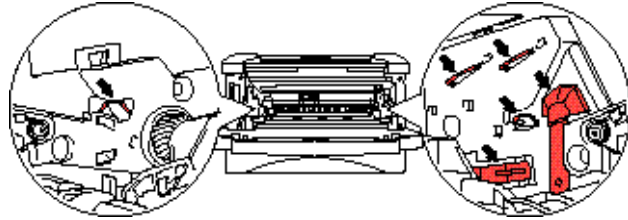
2.



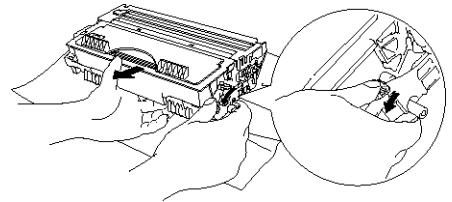


가 ,

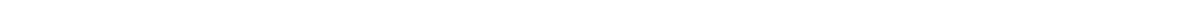
가 ,



3.



가

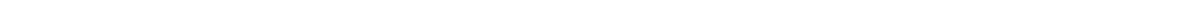


/



• 가 가

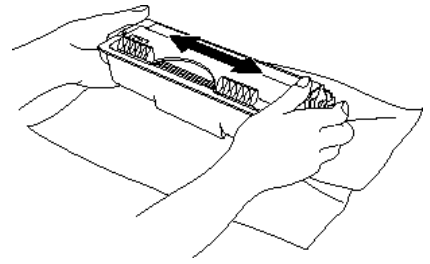
•



4.

가

5, 6



•

•

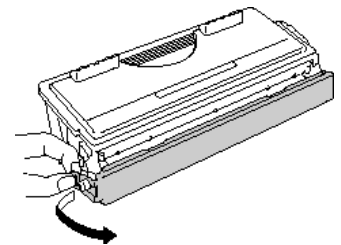
•

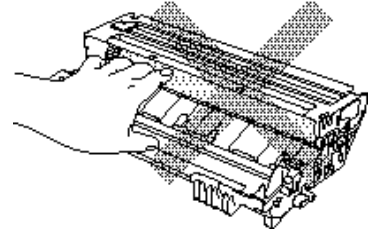
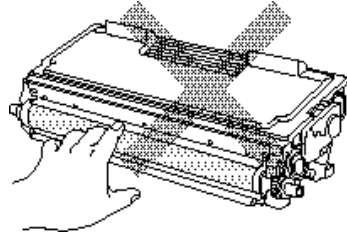
•

(非品)

가

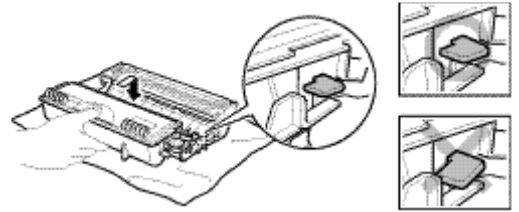
5.





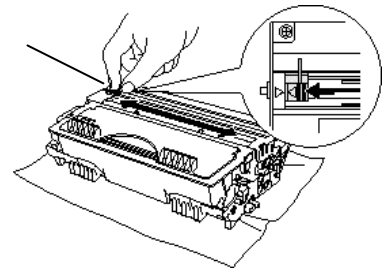
6.

“ ” 가 가
, 가



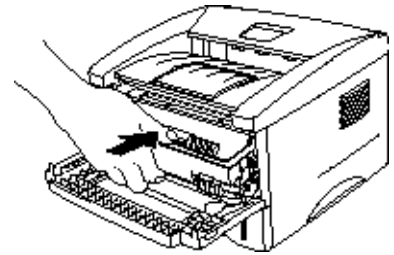
7.

1



가

8.



“ ”

20,000 *1

*1 5% (A4-Letter size).

가

/

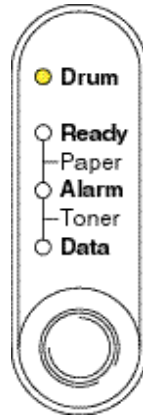
- , , , 1
- 20,000
- 가 ()
- ,
- ,



‘ ’

가 ,

.

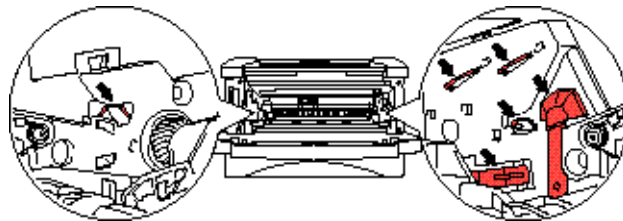
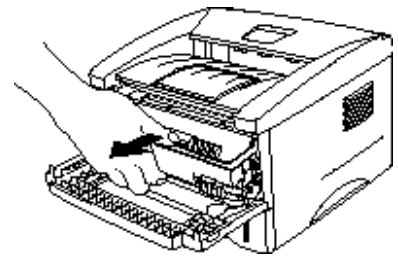


-
- 가
 - ” ”
-

CD-ROM

1.

2.



3.



가

/

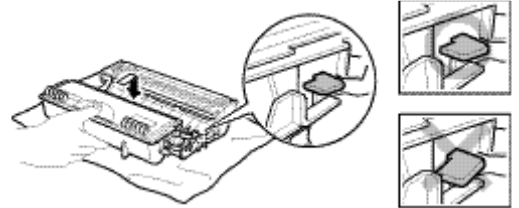
가 가

4.



5.

“ ” 가 가
가

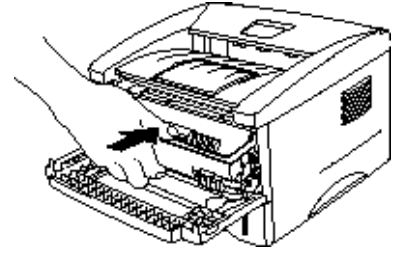


6.

가
Alarm 가

가

Drum



7.



•

•

8.

9.

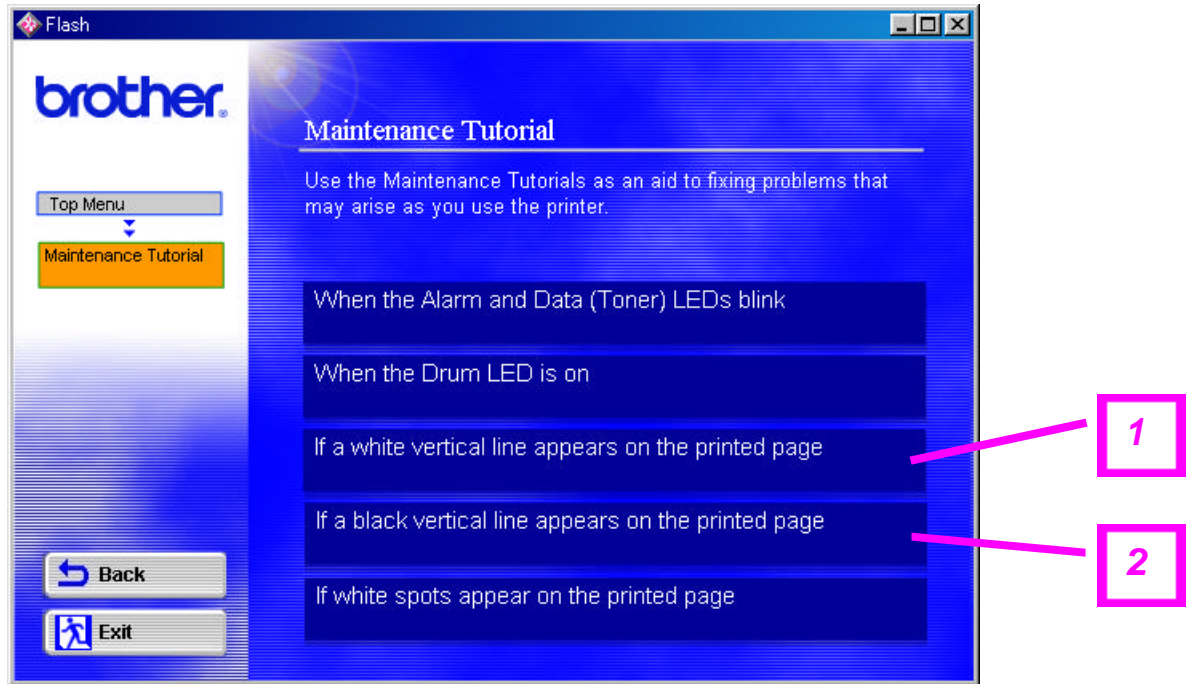
가



“ ”

가

CD-ROM



- 1.
- 2.

(Fixing unit)	50,000 *	.
	50,000 *	.
	50,000 *	.

*

가

.

1

5%

6



- 가 가
- 가 가
- 가 가
- 가 가
- 가 가
- 가 가
- PC가

가 :

3 가 “ ”

가 “ ”

가 “ ”

“ ” “ ”

“ ”

가 가 :

”

”

“

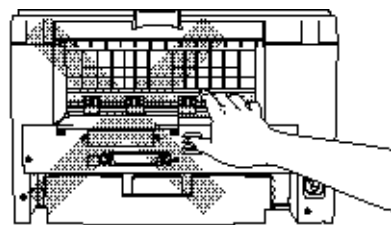
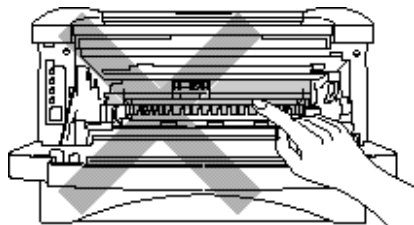
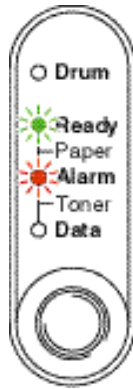
”

(가)	<ul style="list-style-type: none"> 가 SIMM 가 4 “ 가 ”
	<ul style="list-style-type: none"> 5 “ ”
	<ul style="list-style-type: none">
	<ul style="list-style-type: none"> 10 가
BD	<ul style="list-style-type: none"> 가
D-RAM	
NV-RAM	
(main motor)	

	<ul style="list-style-type: none"> • • • SIMM 4 가 “ 가 ”
	<ul style="list-style-type: none"> • • 가 • SIMM 4 가 “ 가 ” • RPC • ‘ ON ’ • 가 • TM • TM
(가)	<ul style="list-style-type: none"> • 가 • SIMM 4 가 “ 가 ”

1, “가”

가	<ul style="list-style-type: none"> • 가 , 가 • 가 • 가
가	<ul style="list-style-type: none"> • 가 • 가
가	<ul style="list-style-type: none"> • 가
	<ul style="list-style-type: none"> • “ ” CD-ROM
가	<ul style="list-style-type: none"> • 가
가	<ul style="list-style-type: none"> • 가 • 가



가

가

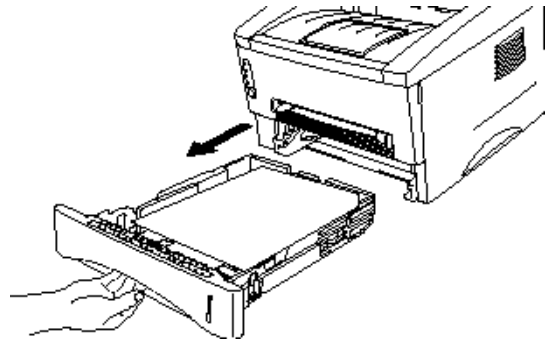
/

•

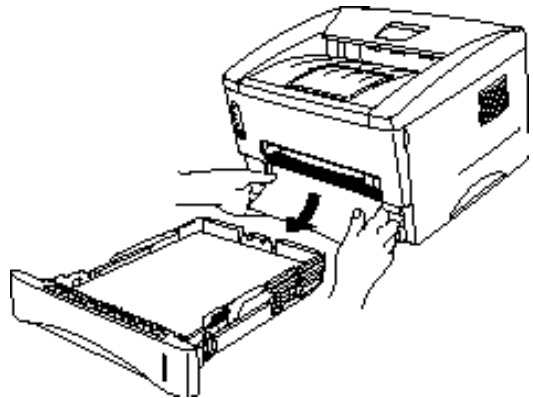
•

가

1.



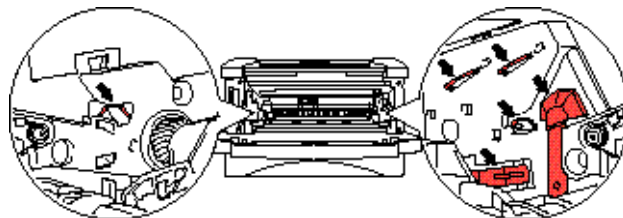
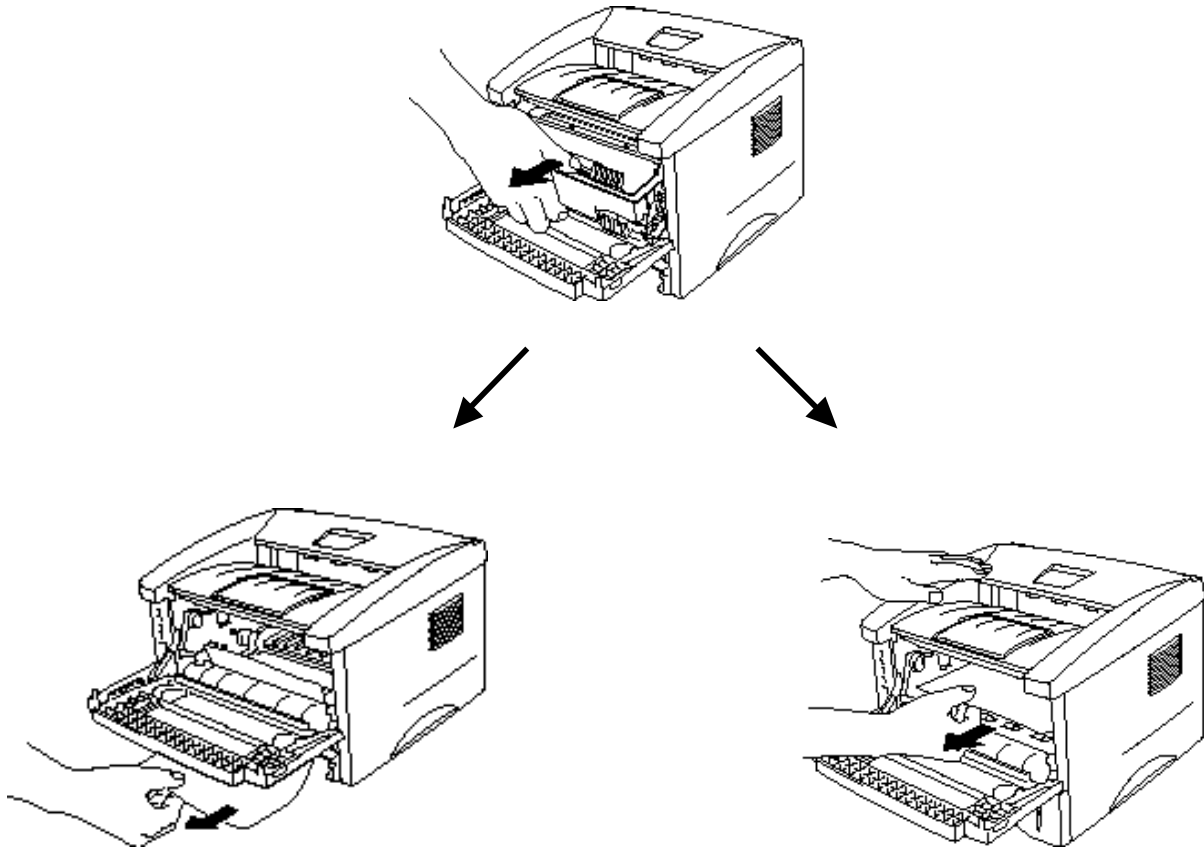
2.



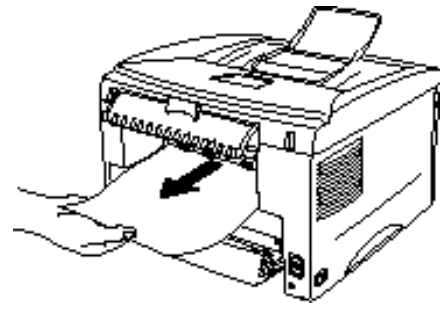
3.

4.

가



5.



/

가 가 가

6.

7.

8.



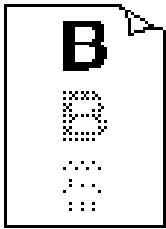
9.



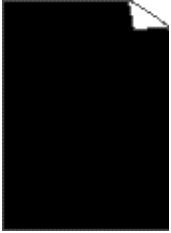
가 · PC “ LPT1 (BRUSB ¹) ” 가 .	• • (interface -switching device)
---	---

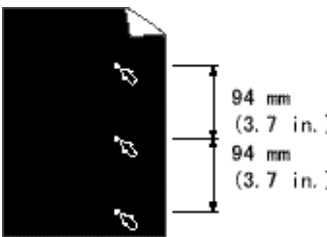
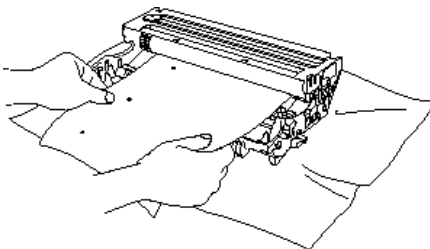
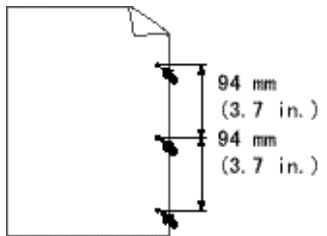
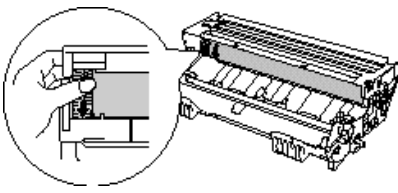
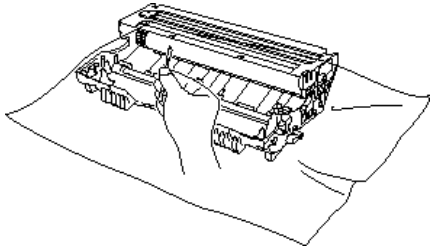
¹ USB Printer Port

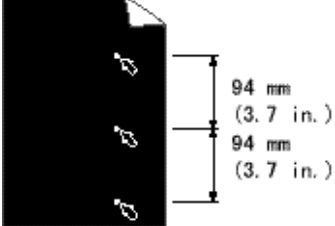
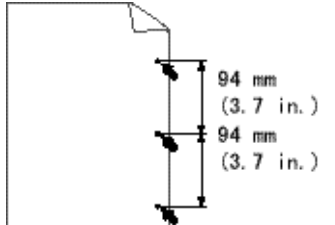

USB





HL-1470	<ul style="list-style-type: none"> • 가 . • USB . • 가 .
	가 ‘ ’



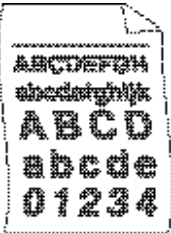

()	
	<ul style="list-style-type: none"> • • 1 " 가 • 'Disable' • 5 " " • 5 " "
	<ul style="list-style-type: none"> • • 1 " 가 " • 가 • 5 " " • 5 " "
	<ul style="list-style-type: none"> • • • 1 " 가 " • 5 " "

()	
	<ul style="list-style-type: none"> • . 1 ” • 가 ” • 가 ” • 5 “
	<ul style="list-style-type: none"> • 1 ” 가 ” • ‘ ’ • .
	<ul style="list-style-type: none"> • 1 . 5 ” ” • 가 . 5 “ • ”

()	
 <p>94 mm (3.7 in.) 94 mm (3.7 in.)</p> <p>94 mm(3.7)</p>	<p style="text-align: center;">가 가 ,</p> <p>OPC</p> <p>1.</p> 
 <p>94 mm (3.7 in.) 94 mm (3.7 in.)</p> <p>94 mm(3.7)</p>	<p>2.</p> <p style="text-align: right;">OPC</p> 
	<p>3.</p> <p style="text-align: right;">OPC ,</p> 

()	
 <p>94 mm (3.7 in.) 94 mm (3.7 in.)</p> <p>94 mm(3.7) .</p>  <p>94 mm (3.7 in.) 94 mm (3.7 in.)</p> <p>94 mm(3.7) .</p>	 <p>가</p> <p>5 “</p>

()	
 <p>가 가</p>	<ul style="list-style-type: none"> 가 5 “ 1 “ 가 ” / 가 OPC “
 <p>가</p>	<ul style="list-style-type: none"> 가 5 “
 <p>가</p>	<ul style="list-style-type: none"> 1 가 5 “
 <p>가</p>	<ul style="list-style-type: none"> 1 5 1 (cleaner)가 가 5 “ 가 5 “ 가 (fixing unit)가

<p>()</p> 	<ul style="list-style-type: none"> 가 5 “ ” 가 5 “ ”
	<ul style="list-style-type: none"> 가 가 가 가 (tip) (slot) 가 1 “ ” 가 1 “ ” 가 1 “ ” 가 1 “ ”
	<ul style="list-style-type: none"> 가 1 “ ” 가 180° (straight-through output path) 1 “ ”
	<ul style="list-style-type: none"> 1 “ ” 가 1 “ ” 가 1 “ ” 180°

<p>가</p>	<ul style="list-style-type: none"> • 2 (6 1/2) • • • (Set as • Default) ’ • 가 • •
<p>가 “ ” 가</p>	<ul style="list-style-type: none"> • 가 • • 4 SIMM 가 “ 가 ” RPC ‘ ON ’ • 가 • TM • TM
<p>가 “ ” 가</p>	<ul style="list-style-type: none"> • • • 4 SIMM 가 “ 가 ”
	<p>(62 가가). 가</p>

		HL - 1440	HL - 1470N
		(Electrophotographic)	
		15 ppm (Letter)	
		15 *1	
	95/98, Me NT4.0/2000	1200 x 600 dpi() 600 dpi x 600 dpi 300 dpi x 300 dpi	
	DOS	300 dpi	600 dpi
	Mac OS	1200 x 600 dpi 600 x 600 dpi 300 x 300 dpi	1200 x 600 dpi() 600 dpi x 600 dpi 300 dpi x 300 dpi
	HRC *2		300 / 600 dpi

*1

*2

(High Resolution Control)



		HL - 1440	HL - 1470
		(Fujitsu) MB86832 66MHz	
		2MB	8MB ^{*3}
		1 SIMM ; 34MB 가	1 SIMM ; 36MB 가
		IEEE 1284 , USB	IEEE 1284 , USB, 10/100 BaseTX
		10BaseT (NC-2010P), IrDA (IR-1000)	IrDA (IR-1000)
		10BaseT (NC-2010P)	10/100 BaseTX
		TCP/IP, IPX/SPX, NetBEUI, DLC/LLC, DEC LAT, Banyan VINES	TCP/IP, AppleTalk, IPX/SPX, DLC/LLC
		BRAdmin Professional ^{*4} Web Based Management ^{*5}	
		PCL4	PCL6, PostScript Level II Epson FX -850, IBM ProPrinter XL
	PCL	24	66 , 12 , 11 *6
	PS2		66

*3 4 Mbyte 가 4 Mbyte SIMM .

*4 가

*5 .

*6 Code39, Interleaved 2 of 5¹, EAN-8, EAN-13, UPC-A, UPC-E, EAN-128, Codabar, FIM(-PostNet), ISBN, Code128

¹ Interleaved 2 of 5



	HL - 1440	HL - 1470	
	Windows 95/98/Me Mac OS 8.5-9.1	Windows 95/98/Me OS 8.5-9.1	NT4.0/2000 PCL
		Windows 95/98/Me, NT4.0/2000 OS 8.5-9.1 ^{*7} PostScript (PPD) Mac	
	E-mail		E-mail *8 *9 *10



	HL - 1440	HL - 1470
(LED)	4	
	1	

*7 AppleTalk

*8 e-mail
(Windows 95 / 98 / Me)

*9

*10 (peer-to-peer)



		HL - 1440	HL - 1470
* 11	()	250	
		1	
	()		250
* 11	Face Down	150	
	Face Up	1	



		HL - 1440	HL - 1470
		, , , ,	
	()	, , , *12	
	()		, ,
		16 - 43	(60 - 161 g/m ²)
		16 - 28	(60 - 105 g/m ²)
		: 2.75 x 4.57 - 8.5 x 14 (69.8 x 116 - 216 x 356 mm)	
	()	A4, Letter, B5(ISO), A5, B6(ISO), A6, Executive, Legal (&)	
	()		A4, Letter, B5(ISO), A5, Executive, Legal (&)

*11 80g/m²

*12 10

*13

		HL - 1440	HL - 1470
	' N in 1 '	1	2, 4, 9, 16, 25
		4, 9, 16, 25	1
		가	
		*14	

		HL - 1440	HL - 1470
		5%	A4/ LETTER 3,000
		5%	A4/ LETTER 6,000
		A4/LETTER 20,000	(1 1)

		HL - 1440	HL - 1470
		14.2 () x 14.6 () x 9.3 () (360 x 370 x 235 mm)	
		9.2 kg (20.3)	9.3 kg (20.5)

		HL - 1440	HL - 1470
		25 ° C (77 ° F) 340 W	
		25 ° C (77 ° F) 70 W	
		5 W	6 W
		50 dB	
		가	
		가	

*13 가 Postscript Macintosh .

*14 .

가

가

24) 가 75 g/m² 90 g/m² (20

	/	
g/m ²	80 90	75 90
		20 24

Letter		8.5 x 11
Legal		8.5 x 14 .
Executive		7.25 x 10.5 .
A4	210 x 297 mm	
A5	148 x 210 mm	
A6	105 x 148 mm	
B5 (ISO)	201 x 276 mm	
Envelope Monarch		3.875 x 7.5 .
#9		3.875 x 8.9 .
#10		4.12 x 9.5 .
#11		4.5 x 10.375 .
DL	110 x 220 mm	
C5	162 x 229 mm	
C6	114 x 162 mm	
B5	176 x 250 mm	
B6	176 x 125 mm	

Apple, Apple Logo Macintosh 가 Apple
Computer (TrueType)

Epson Seiko Epson FX -80 FX -850

Hewlett Packard Hewlett-Packard HP
LaserJet 6P, 6L, 5P, 5L, 4, 4L 4P, III, IIIP, II IIP

IBM, IBM PC ProPrinter International Business Machines

Microsoft MS-DOS Microsoft
Windows 가 Microsoft

ENERGY STAR



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