Making the Optimize Enlargement setting (for Windows XP and 2000 only)

Select this check box to optimize an enlargement to achieve long poster or panoramic printing without using a particular application. Clear this check box if text or graphics are distorted; however, output length may be limited depending on the application.

Using the Printer Utilities

The EPSON printer utilities let you check the current printer status and perform printer maintenance from your screen.
Note:

- The letter in parentheses after the utility name indicates the shortcut key for that utility. Press ALT and the letter on the keyboard to open that utility.

- Do not use the Nozzle Check, Head Cleaning, or Print Head Alignment utilities if your printer is connected to your computer through a network.

- Do not use the Nozzle Check, Head Cleaning, or Print Head Alignment utilities while printing is in progress; otherwise, your printout may be marred.

**EPSON Status Monitor 3**

This utility provides you with printer status information, such as the amount of ink remaining, the free space of the maintenance tank, and it also checks for printer error.

Note:
This utility is available when your system is configured to support bi-directional communication.

**Nozzle Check**

This utility checks the print head nozzles for clogging. Check the nozzles when you notice the print quality has declined and after cleaning to confirm that the print head nozzles have been cleaned. See “Checking the print head nozzles” on page 68.

If you click Auto in the Nozzle Check dialog box, or turn on AUTO CLEANING from the control panel on the printer, this utility not only checks the clogging nozzles, but also performs head cleaning automatically.
Head Cleaning

This utility cleans the print head. You may need to clean the print head if you notice the print quality has declined. Use this utility to perform head cleaning. See “Cleaning the print head” on page 70.

Print Head Alignment

This utility can be used to improve the print quality of your printed data. The alignment of the print head may need to be adjusted if vertical lines appear out of alignment or if white or black banding noise appear in your printed data. Use this utility to realign the print head. See “Aligning the print head” on page 71.

Printer and Option Information

This function enables the printer driver to check the printer configuration information. You can check or select the black ink set on the printer. See “Using Printer and Option Information” on page 71.

Note:
This function is supported by EPSON Stylus Pro 9800/7800 only.

EPSON LFP Remote Panel

This utility lets you optimize your printer. See “Starting EPSON LFP Remote Panel” on page 72.

Checking the print head nozzles

If you find that the printed data is unexpectedly faint or dots in the printed data are missing, you may be able to identify the problem by using the Nozzle Check utility.

To use the Nozzle Check utility, follow the steps below.
Note:
Do not start the Nozzle Check utility while printing is in progress; otherwise, your printout may be marred.

1. Make sure paper is loaded in the printer.

2. Click Nozzle Check.

3. Click Print if you want to visually check if any print head nozzles are clogged, if you are using non-Epson special media, or if the width of paper you are using is less than 210 mm. Click Auto if you want to perform an automatic nozzle check, and if the nozzle check indicates it is necessary.

Note:
If you turn on Auto Cleaning from the control panel on the printer even though Print has been selected, the Nozzle Check utility not only checks for the clogged nozzles, but also performs head cleaning automatically. If you are using non-Epson special media, or if the width of paper you are using is less than 210 mm, turn off Auto Cleaning from the control panel on the printer.

4. Follow the on-screen instructions to print a nozzle check pattern.

If you find missing dots, clean the print head nozzle. See “Cleaning the print head” on page 70.
Cleaning the print head

If you find that the printed data is unexpectedly faint or dots in the printed data are missing, you may be able to solve these problems by using the Head Cleaning utility to clean the print head, which ensures that the nozzles are delivering ink properly.

To use the Head Cleaning utility, follow the steps below.

**Note:**
- Do not start the Head Cleaning utility while printing is in progress; otherwise, your printout may be marred.
- To save ink, use the Nozzle Check utility first to confirm that the print head needs to be cleaned. This is because the cleaning process consumes some ink.
- When the ink check light is flashing or on, you cannot clean the print head. Replace the appropriate ink cartridge first. See “Replacing Ink Cartridges” on page 281.

1. Make sure the printer is turned on and the ink check light is off.
2. Click Head Cleaning.
3. Follow the on-screen instructions.
4. Click Print Nozzle Check Pattern in the Head Cleaning dialog box to confirm that the head is clean and to reset the cleaning cycle.

If you still find missing dots after cleaning, try the following solutions.

- Select **POWER CLEANING** from the control panel on the printer. See “POWER CLEANING” on page 222.
Repeat this procedure four or five times, turn the printer off and leave it alone overnight, and then try head cleaning again.

Replace some of ink cartridges as they may be old or damaged.

If the print quality remains a problem after you have tried these solutions, contact your dealer. See “Contacting Customer Support” on page 346.

**Aligning the print head**

If you find misaligned lines or black or white banding on the printed data, you may be able to solve these problems by using the Print Head Alignment utility to align the print head.

To use the Print Head Alignment utility, follow the steps below.

1. Make sure paper is loaded in the printer.
2. Click Print Head Alignment.
3. Follow the on-screen instructions.

**Using Printer and Option Information**

You can check or select the black ink set on the printer.

*Note:*
*This function is supported by EPSON Stylus Pro 9800/7800 only.*

1. Make sure the printer is turned on.
2. Click Printer and Option Information. The following dialog box appears.

![Printer and Option Information dialog box]

The printer driver usually obtains the ink cartridge information automatically, and prints in the appropriate print mode. If this is not possible, a message appears in the Current Setting box to prompt you to select an ink cartridge. In this case, select the correct ink cartridge according to the actual ink cartridge set on the printer.

3. Click OK.

**Starting EPSON LFP Remote Panel**

You can optimize your printer using this utility. To start EPSON LFP Remote Panel, see the steps below.

1. Make sure the printer is turned on.
2. Click EPSON LFP Remote Panel.
3. Follow the on-screen instructions. See the EPSON LFP Remote Panel online help for details.
Making the Speed & Progress settings

You can make settings related to print speed and progress. To make the Speed & Progress settings, click Speed & Progress on the Utility menu. The Speed & Progress dialog box appears.

Note:
The specific features available in the printer software vary depending on the printer model and the version of Windows that you are using.

High Speed Copies

To print multiple copies of your data faster, select High Speed Copies. This speeds up printing by using your hard disk space as a cache when printing multiple copies of your data.

Show Progress Meter

To display the Progress Meter every time you print, select Show Progress Meter. Then, you can monitor the progress of your print job.