Note: The Utilities Diskette also includes temms16.sys, an extended memory
manager. Refer to Temms16 for more information about using the driver.

To copy temms16.sys and all the utilities in the preceding table to your
hard disk, type:

        copy a:*.* c: and press <ENTER>.

Temms16 is an expanded memory manager driver. To use Temms16:

1. Use the MS-DOS copy temms16.sys to your hard disk.
2. Add a device command to your config.sys file:

        device=\path\temms16.sys

Note: Refer to your MS-DOS documentation if you need more information about
the copy command or the device command.

In order to understand the function of this driver, you need to know the
definitions of shadow RAM, expanded memory, and extended memory.

Temms16.sys uses all extended memory beyond 1MB, plus any shadow RAM not
allocated for other purposes, to emulate expanded memory as defined in the
LIM (Lotus/Intel/Microsoft) memory specification.

To use Temms16:

1. Copy temms16.sys from the Utilities Diskette to your hard disk. To do
   this, insert the Utilities Diskette into Drive A and type the following
   command at the MS-DOS system prompt (A> or C>):

        copy a:temms16.sys c: Then, press <ENTER>.

2. Add a device command for Temms16 to your config.sys file. The format for
   the Temms16 device command is:

        device=temms16.sys [Iy] [Mz]

The following table summarizes the Temms16 device command parameters:

Switch	Function
Iy	Identifies the I/O port addresses emulated by temms16.sys. If one or more hardware boards in your computer access port addresses that conflict with the addresses emulated by temms16.sys, use the following chart to select addresses that can be emulated without conflict. The default y value is 5.
y Value	Port Addresses Used (Hex)
0	208 4208 8208 C208
1	218 4218 8218 C218

5	258	4258	8258	C258
6	268	4268	8268	C268
A	2A8	42A8	82A8	C2A8
B	2B8	42B8	82B8	C2B8
E	2E8	42E8	82E8	C2E8
Mz	Specifies the base frame for temms16.sys to use for LIM page mapping. The default z value is 3.			
z Value	Frame Address (Hex)			
1	C0000-C3FFF			
2	C4000-C7FFF			
3	C8000-CBFFF			
4	CC000-CFFFF			
5	D0000-D3FFF			
6	D4000-D7FFF			
7	D8000-D8FFF			
8	DC000-DFFFF			
9	0E000-E3FFF			

Notes:

* Do not use temms16.sys with software that uses the protected mode of the
  80386SX processor.
* If you want to use expanded memory with other device drivers the
  temms16.sys device command must be the first device command in your
  config.sys file. See your operating system documentation for more
  information.
* Do not use a frame address that overlaps addresses used by the hardware.

To run utilities from the MS-DOS diskette, insert the MS-DOS diskette into a
diskette drive. Then, at the MS-DOS operating system prompt (such as A>),
type the program name that corresponds to the desired utility. To run
utilities from a hard disk, type the appropriate program name at the hard
disk prompt (such as C>>). It is not necessary to enter the file extension,
such as .com, to run a utility. The following utilities can be copied from
the Utilities Diskette and run from the MS-DOS prompt:

Utility	Program Name
Setup	setups16.com
Keyboard password	kp.exe
CPU speed*	speeds16.com
Video mode control*	vga.exe
* Advanced utilities	