Y 2000 Ready ?

A.   Y2000 READY ?

Product	Releases	Fixpak	Year 2000 readiness	Information
OS/2	2.11 and earlier	--	NO	A1
OS/2	Warp 3.0	XR_W032	YES	A2
OS/2	Warp 3.0 Connect	XR_W032	YES	A3
OS/2	Warp 4.0	XR_M004 US	YES	A4
TCP/IP for OS/2	V2.0	Y2000 Updates	YES	A5
TCP/IP for OS/2	V3.0	Y2000 Updates	YES	A6
TCP/IP for OS/2	V3.1	Y2000 Updates	YES	A7
TCP/IP for OS/2	V3.5	Y2000 Updates	YES	A8
TCP/IP for OS/2	V4.0	Y2000 Updates	YES	A9
IBM Peer, OS/2 Lan Requestor and UPM for OS/2 Warp 3 Connect	--	IP_8402	YES	A10
IBM Peer, OS/2 Lan Requestor and UPM for OS/2 Warp 4	--	IP_8196	YES	A11
CM/2	< 1.11	--	NO	--
CM/2	1.11	--	YES	A12
DB/2	< 2.1.0	--	NO	A13
DB/2	2.1.0 and later	--	YES	A13
AML	2.40	2.40E	YES	A14
DAS	1.3	--	YES	A15
DCAF Remote Controll	1.34	--	YES	A16
Kopy Kat Remote Controll	V1.21	--	YES	A17
PC BIOS / PC HARDWARE	--	--	YES	A18

OPERATING SYSTEMS (A1-A4)

      A1   OS/2 2.11 and earlier
      A2   OS/2 Warp Version 3
      A3   OS/2 Warp Connect Version 3
      A4   OS/2 Warp 4

IBM TCP/IP FOR OS/2 (A5-A9)

      A5   TCP/IP V2.0
      A6   TCP/IP V3.0
      A7   TCP/IP V3.1
      A8   TCP/IP V3.5
      A9   TCP/IP V4.0

IBM PEER, OS/2 LAN REQUESTER AND UPM (A10-A11)
      A10   IBM Peer Version 1.0 for OS/2 Warp Connect OS/2 Lan Requester and UPM
      A11   IBM Peer for OS/2 Version 4.0 OS/2 Lan Requestor and UPM

IBM COMMUNICATIONS MANAGER/2
      A12   Communications Manager/2 Version 1.1

IBM DATABASE 2
      A13   Database 2 for OS/2 (DB/2)

AML MANAGEMENT SOFTWARE
      A14   AML Software

DISTRIBUTED AML SERVER
      A15   DAS Software

REMOTE CONTROL
      A16   DCAF
      A17   Kopy Kat

PC BIOS
      A18   PC BIOS / PC HARDWARE

B. FIXES AND INSTALLATION

B1   OS/2 Warp 3.00
         B1.1   Installation Process for OS/2 Warp 3.0 Fixpack XR_W039

B2   OS/2 Warp 4.0
         B2.1   Installation Process for OS/2 Warp 4.0 Fixpack XR_M009 / XR_M010
         B2.2   Netscape Communicator 4.04 for OS/2
         B2.3   Java for OS/2 Service Update JDK 1.1.7
         B2.4   IBM OS/2 Feature Install Version 1.2.3

B3   Installation Process for TCPIP Updates
         B3.1.1   TCP/IP V2.0 Y2000 Update
         B3.2.1.1   TCP/IP V3.0 Y2000 Update
         B3.2.1.2   Installation Process for TCP/IP Public FixPak UN00959 for V3.0
         B3.3.1   TCP/IP V3.1 Y2000 Update
         B3.4.1   TCP/IP V3.5 Y2000 Update
         B3.5.1   TCP/IP V4.0 Y2000 Update
         B3.6.1.1   TCP/IP V4.1 Y2000 Update
         B3.6.1.2   TCP/IP V4.1 for OS/2 Update
         B3.6.1.3   TCP/IP V4.1 Applications Fixpak UN01001

B4   Communications Manager CM/2
         B4.1.1 Installation Process for CM/2 Refresh (CM/2 1.11)
         B4.1.2 APAR FOR CM/2 Version 1.11

B5   MPTS
         B5.1.1   Installation Process for MPTS ServicePak/Refresh WR08421 and WR08610

B6   Installation Process for DB/2 Fixpack
         B6.1.1   WR08120 (DB/2 V2)
         B6.1.2   WR08190 (DB/2 V2)
         B6.2.1   WR09073 (UDB V5 Fixpack 6)
         B6.2.2   WR09083 (UDB V5 Fixpack 7)

B7   AMU / DAS Software
         B7.1 AMU
         B7.2 DAS
         B7.3 AMUSAVE

B8   Installation Process for graphics driver
         B8.1.1 Elsa Winner 1000T2D V1.22
         B8.2.1 OS/2 DEVICE DRIVER FOR THE S3 Trio32/Trio64/64+/V2 CHIP SETS
         B8.3.1 Maxtor Produktiva

B9   Installation Process for OS2 IDE Drivers Update

B10   BIOS Y2K Testprogram
         B10.1.1 IBM
         B10.2.1 NSTL
         B10.3.1 SNI

B11   ABBA/2, ABBA/E, ABBA/J Codes
         → \ABBASYS\ABBA?\.......
         B11.1.1 ABBA/2 2.20H
         B11.2.1 ABBA/2 2.30G
         B11.3.1 ABBA/E 2.20M
         B11.4.1 ABBB/E 2.30G

B12   REMOTE CONTROLL SOFTWARE
         B12.1.1 KopyKat Patch – Upgrade from 1.1x to 1.21
         B12.2.1 Version 1.30 (UB00000) to Version 1.33 (UB09900)
                B12.2.2 Version 1.31 (UB09800) or higher to Version 1.34 (UB09950)

C.   PROBLEMS AND SOLUTION

C1   Problems with or after the Installation from OS/2 Warp 3.0 Fixpack XR_W039 / XR_M009
         1. Unable to open archive directory
C2   Problems with graphics adapter
         1. ELSA WINNER 1000T2D

D.   UPDATES

D1   Get information about Y2000 Updates and Y2000 News

E.   CHANGES ON ADIC / GRAU SERVICE CD

E1   Changes on SERVICE CD 2 / 1999
- AMU Software 2.40G added
  → B7
- BIOS Y2K Testprograms
  → B10
- ABBA/2 Software 2.30G (+fix1,fix2) added
  → x:\abbasys\abba2\230g\
- ABBA/2 Software 2.20H (+fix1,fix2,fix3) added
  → x:\abbasys\abba2\220h\
- ABBA/E Software 2.30G (+fix1,fix2) added
  → x:\abbasys\abbae\230g\
- ABBA/E Software 2.20M added
  → x:\abbasys\abbae\220m\
- Amusave V1.80 added
  → B7.2.1 x:\amu\amusave\1.80\
- Fixpack 6 for UDB V5 added
  → B6.2.1   WR09073 (UDB V5 Fixpack 6)
- Fixpack 7 for UDB V5 added
  → B6.2.2   WR09083 (UDB V5 Fixpack 7)
- BIOS Update for ASUS P2B Boards added
  → \AMU-PC\ASUS\P2B\BX2I1008\
- KopyKat Patch – Upgrade from 1.1x to 1.21 added
  → B12.1.1
- Y2K Fix for TCPIP 3.0 for OS/2 was changed by IBM
  → B3.2.1.1 changed
- DCAF Update to Version 1.33 added
  → B12.2.1
- DCAF Update to Y2K Ready Version 1.34 added
  → B12.2.2
- ABBA/J Software 4.02 added
  → x:\abbasys\abbaj\4.02
- Serviceinfo (1 – 50) added
  → x:\servinfo\servinfo.htm (Overview)
  → x:\servinfo\servinfo*.pdf (Serviceinfos)
-

E2   Changes on SERVICE CD 3 /1999
- Y2K Fix for TCPIP 4.0 for OS/2 was changed by IBM
  New Y2K Fix added
  → B3.5.1
- Amusave V1.90 , V1.93 added
  → B7.2.1 x:\amu\amusave\1.90\ or \1.93\
- AMU Software 2.40H added

- → B7 x:\amu\240h\
- ABBA/J Software 4.03 added
  - → x:\abbasys\abbaj\4.03
- Serviceinfo (51,52,53) added
  - → x:\servinfo\servi_D and servi_E (Overview)
  - → x:\servinfo\servinfo*.pdf (Serviceinfos)
- Matrox Graphics adapter Installation for Grau Controller added
  - → x:\os2\drivers\matrox\matrox.cmd
- BIOS Update for SNI Board 819 added (ttDS)
  - → \AMU-PC\SNI\819\
- B3.6.1.1 TCP/IP V4.1 Y2000 Update added
- MPTS ServicePak/Refresh WR08610 removed
- ABBA/2 Software 2.20H (fix4) added
  - → x:\abbasys\abba2\220h\fix4\
- ABBA/E Software 2.20M (fix1) added
  - → x:\abbasys\abbae\220m\fix4\
- BIOS Update for Artist-PC (ASUS-Boards) added
  - → x:\amu-pc\artist\...
- AML/S Software 2.23 added
  - → x:\abbasys\amls\2.23\
- AML/S SCSI Software 1.2 and 2.0 added
  - → x:\abbasys\amls\scsi\1.2 and 2.0\
- Installationprogram from OS/2 3.00 FP 39 modified
- MPTS Service Pak/Refresh WR08421 added
- Latest stack Fix for TCP/IP 4.00 added
  - → x:\tcpip\v40_os2\latest\stack\121698\
- AMU 3.02 added
- DAS 3.01 added

E3   Changes on SERVICE CD 4 /1999
- MPTS ServicePak/Refresh WR08610 and new installation program added.
- NT 4.0 ACI for DAS 3.01 added
- DLT Software added
- AMU FIX 3.02A, 3.02B and 3.02C added
- AMU 2.40I added
- AMUSAVE 2.00 added
- PCOM AFA5019 and AFA5029 added
- AMU 3.02C added
- ABBA/2 Software 2.30G (Fix3) added
  - → x:\abbasys\abba2\230g\fix3\

E4   Changes on SERVICE CD 5 /1999
- AMU FIX 3.02D and 3.02E
- AMU 2.40J
- Netscape Communicator 4.04 for OS/2
- Java for OS/2 Service Update JDK 1.1.7
- IBM OS/2 Feature Install Version 1.2.3
- TCPIP V4.1 for OS/2
- TCP/IP V4.1 Applications Fixpak UN01001
- OS/2 FP 10 for Warp 4.0 added
- ABBA/2 Software 2.20H (Fix 5) added
  - → x:\abbasys\abba2\220h\fix5\
- Serviceinfos 54,55,56 added
  - → x:\servinfo\servi_D and servi_E (Overview)
  - → x:\servinfo\servinfo*.pdf (Serviceinfos)
- AMU 2.40J Hotfix1 added
- AMU 3.10A added
- DAS 3.012 added
- ABBA/J Software 4.04 added
- AIT-1 and AIT-2 Software added
- AML/S Software 2.240026 and 2.25 added
- Hyperterm W95 added

- DAS Software 1.30C8 added
-

A.   Y2000 READY ?

OPERATING SYSTEM (A1-A4)
TYPE INTO THE OS/2 WINDOW "VER/R" OR "VER"

A1. OS/2 2.11 and earlier
--> NOT Y2000 Ready
Output: The Operating System/2 Version is 2.xx

A2. OS/2 Warp Version 3
--> Y2000 Ready with Fixpac XR_W032 or higher
Output: The Operating System/2 Version is 3.00
Revision 8.256
If there is a earlier revision see B1.1

Revision	Fixpack
8.255	31
8.256	32
8.257	33
8.258	34
35	
36	
37	
38	

A3. OS/2 Warp Connect Version 3
--> Y2000 Ready with Fixpac XR_W032 or higher
Output: The Operating System/2 Version is 3.00
Revision 8.256
If there is a earlier revision see B1.1

Revision	Fixpack
31	
32	
33	
34	
35	
36	
37	
38	

4. OS/2 Warp 4
--> Y2000 Ready with Fixpac XR_M004 or higher
Output: The Operating System/2 Version is 4.00
Revision 9.028
If there is a earlier revision see B2.1

Revision	Fixpack
9.025	1
9.026	2
9.027	3
9.028	4
9.029	5
9.030	6
9.031	7
9.032	8
9.033	9
9.034	10

TCP/IP (A5-A9)
TYPE INTO THE OS/2 WINDOW "SYSLEVEL"

Output: c:\tcpip\bin\syslevel.tcp
IBM TCPIP VERSION ?.? for OS/2
Version ?.?? Component ID xxxxxxxx
Current CSD level: xxxxxxx
Prior CSD level: xxxxxxx

Installation for the different versions: see B3.

IBM PEER, OS/2 LAN REQUESTER AND UPM (A10-A11)

A10 IBM Peer Version 1.0 for OS/2 Warp Connect
OS/2 Lan Requester and UPM
Is not in use, so the Year 2000 fixpak IP08196
will not be supported

A11 IBM Peer for OS/2 Version 4.0
OS/2 Lan Requestor and UPM
Is not in use, so the Year 2000 fixpak IP08402
will not be supported

IBM COMMUNICATIONS MANAGER/2 (A12)
TYPE INTO THE OS/2 WINDOW "SYSLEVEL"

A12 Communications Manager/2 Version 1.11
Output: c:\cmlib\syslevel.acs
IBM Communications Manager/2 - OS/2 Warp
Version 1.11 Component ID 562207800
Current CSD level: WR06150
Prior CSD level: WR00000

If there is an older version installed see B4.1.1

IBM DATABASE 2 (A13)

A13 Database 2 for OS/2 (DB/2)

Type into the OS/2 Window "syslevel"

1. For DB/2 V1.2

Output: c:\sqllib\syslevel.sqc
     IBM DB2/2 (Single-User)
     Version 1.2   Component ID 562204401
     Current CSD level: WRU7000
     Prior   CSD level: WRU7000

This version isn't Y2000 Ready
A new installation from DB/2 is necessary.

2. For DB/2 V2

Output: c:\sqllib\syslevel.sqc
     IBM DB2 for OS/2 Single-User
     Version 2.1.0   Component ID 56225930
     Current CSD level: WR08000
     Prior   CSD level: WR08000

The least Current CSD level for the Y2000 is WR08000

WR08000	→	DB/2 Release 2.1.0
WR08080	→	DB/2 Release 2.1.1
WR08120	→	DB/2 Release 2.1.2
> WR08120	→	Fixpacks are installed

3. For DB/2 V5

Output: c:\sqllib\syslevel.sqc
     IBM DB2 Universal Database Personal Edition
     Version 5.00   Component ID 5639C0200
     Current CSD level: WR09000
     Prior   CSD level: WR09000

This level is Y2000 Ready

AML MANAGEMENT SOFTWARE
A14   AML Software
     In the upper left corner you can see the version
     The least version for the Y2000 is 2.40E
     Check "System Hard and Software" from AMU Releasenotes
     which are located in the AMU directory on this CD

DISTRIBUTED AML SERVER
A15   DAS Software
     The least version for the Y2000 is 1.3

REMOTE CONTROL

A16   DCAF
Type into the OS/2 Window "syslevel"

Output: c:\dcaf13\syslevel.eqn
Distributed Console Access Facility
Version 1.34   Component ID 562221200
Current CSD level: UB09950
Prior   CSD level: UB09800

The least version for the Y2000 is 1.34

Following updates ar possible
→ B12.2.1   Version 1.30 (UB00000) to Version 1.33
(UB09900)
→ B12.2.2   Version 1.31 (UB09800) or higher to Version 1.34
(UB09950)

If an older Version is installed a new installation of DCAF 1.3 or higher and an update to
Version 1.34 is necessary.

A17   KopyKat
V1.21 or higher →   Year 2000 Ready
Look in the actice KAT Window under <Help> <Product Information>

If an older version is installed
→ B12.1.1   KopyKat Patch – Upgrade from 1.1x to 1.21

PC BIOS

A18   PC Bios / PC Hardware
The description is in the document Y2K_HW located on this CD.

How to create a DOS bootable diskette
Insert a diskette on the floppy drive
Call from this CD makedisk.bat

FIXES AND INSTALLATION

B1.1. INSTALLATION PROCESS FOR OS/2 WARP 3.0 FIXPACK XR_W039

1. Before installation
  1.1 Run CHKDSK with Parameter F

2. Installation from Diskettes
  2.1 Create CSF Disks
  2.2 Create Fixpac XR_W039 Diskettes
  2.3 Install from booted OS/2 partition
  2.4 Saving specially files
  2.5 Pop-up Information
  2.6 Installation

3. Installation from CD-ROM
  3.1 Installation

4. More information

1. BEFORE INSTALLATION

1.1 RUN CHKDSK

Before installing any FixPak, run CHKDSK /F against all drives on
your system to correct any file system errors that might be
present. You cannot do this while OS/2 is active. You must shut
down and run CHKDSK by one of the following methods:

Method 1: Boot from your Installation and DISK 1 diskettes
    you used to install OS/2 with. If your file
    system is HPFS, then put the diskette with CHKDSK
    and UHPFS.DLL on it in your A: drive before
    issuing the CHKDSK command.

Method 2: Boot from the Utilities disk you created via the
    "Create Utility Diskettes" icon in the
    System Setup folder.
    - Open the Folder OS/2 System
    - Open the Folder System Setup
    - Select the Icon Create Utility Diskettes
      Utility Disk 1 is the OS/2 Installation Disk
      Utility Disk 2 is the OS/2 Disk 1
      Utility Disk 3 is the OS/2 Disk 2

Method 3: Boot from a different OS/2 partition.

Method 4: Boot from your Installation and DISK 1 diskettes
    you used to install OS/2 with.
    If the Welcome Sreen is displayed select F3=Command Prompt
    Insert the OS/2 Installation CD, change to the os2image\disk_2
directory and start chkdsk /f from there to the drive which have to be checked.

2. INSTALL FROM DISKETTES

 - Make sure that there is enough free memory on the harddisk.
  (100 MByte),

if not, change to the directory c:\amu\logs-trc\ and delete
some old logfiles.

2.1 CREATE CSF DISKETTES

For example: E is the drive, tools the subdirectory,
where the file loaddskf.exe is.
E is the drive csf is the subdirectory, where the
imagefiles are, csfbus1 is the file, from where
you create the floppy.

E:\tools\loaddskf E:\csf\csfbus1.dsk A: /f/y/q
E:\tools\loaddskf E:\csf\csfbus2.dsk A: /f/y/q

2.2 CREATE FIXPAC XR_W039 DISKETTES

E:\tools\loaddskf E:\OS2\XR_W039\XR_W039A.dsk A: /f/y/q
There are Files from A to T (XR_W039A to XR_W039T)

2.3 INSTALL FROM BOOTED OS/2 PARTITION

This method allows you to select the products (partitions) to
be serviced.
This is the method you should use if you have more than one
OS/2 partition and want to control which one is serviced.

2.4 SAVE FOLLOWING FILES TO A SUBDIRECTORY OR TO A FLOPPY,
because this two files are faulty for our configuration

c:\os2\boot\ibm1s506.add
c:\os2\install\bootdisk\ibm1s506.add
--> Harddiskdriver
The driver who is delivered with the fixpac does not
support only one harddisk

c:\os2\install\dspinstl.exe
--> Program for Displaydriverinstallation
There are problems to install another graphics adapter

Copy this 2 Files after the installation from the fixpac back.

2.5 IF YOU GET A POPUP DURING THE INSTALLATION STATING THAT A
newer file exists on your harddisk and it is one of the
following files, select the "CANCEL" button so you DO NOT
replace the newer file with the older one.
- AUTODRV2.SYS
- IBM2SS01.SYS
- PCM2ATA.ADD
- IBM1S506.ADD
- DSPINSTL.EXE

2.6 INSTALLATION

Open an OS/2 Window and rename the file startup.cmd to amu.cmd
Reboot the system

1. Insert CSF DISK Diskette 1 in drive A.

2. Open an OS/2 window or full-screen session.
3. Type A:\SERVICE and press the Enter key.

    Note: You could also use the "Drives" object for A: and
    double click on the "SERVICE.EXE" Icon to start the
    install.

    If the "Product Information" Windows for Corrective
    Service Facility appears press the OK button

4. Follow the displayed instructions. When prompted to insert
    Corrective Service Diskette 1 (not CSF DISK Diskette 1),
    place FixPak XR_W039 Corrective Service Diskette 1 in drive
    A. Repeat for the rest of the FixPak disks when requested
    to do so.

    Note: It can take a considerable length of time for the
    Corrective Service Facility to scan your hard disk for
    serviceable files. In some cases, it has taken as long
    as 40 minutes. Please be patient and allow this process to
    complete.

    You get a list of Serviceable products
    Select (black marked) what should be updated
    Example:
     IBM OS/2 Base Operating system -- SYSLEVEL -- c:\os2\...
        Attention: It is possible to update two harddisks
        Select only products on the C Drive

    Press the Service Button

5. If this is the first OS/2 Warp FixPak you have applied to
    this system, then enter the path to the ARCHIVE directory
    where a copy of replaced files will be stored
    (for example, C:\ARCHIVE).

    Note: This ARCHIVE directory is not related to the
    ARCHIVES directory built into OS/2 Warp 3.0. Please
    specify a different path. You must specify a different
    ARCHIVE directory for each product to be serviced.

    If this is not the first OS/2 Warp FixPak, then enter
    the path to the BACKUP directory where a copy of replaced
    files will be stored (for example, C:\beforefix35).

    Note: You must specify a different BACKUP directory for
    each product to be serviced.

    For either case, make sure there is sufficient space
    available on the drive you specify. Even though these
    files are kept in compressed (PACK2) format, they require
    between 7 and 12 MB of disk space.
    Click on "OK".
6. If you get a message
    " Error opening or creating archive file "
    in the window Corrective Service Facility Message
    --> C1 1. Unable to open archive directory

7. You will see an "Application in use" dialog box showing a
    list of locked files that cannot be serviced while the
    system is running. You are given two choices
    - to Continue or Reboot. Select Continue.

8. During the installation process you might see messages
    about Archiving, Updating and Deferring service.
    - Archiving saves a compressed copy of the original file
       in the ARCHIVE or BACKUP path you specified.
    - Updating means the original files are replaced with
       the new ones from this FixPak.
    - Deferring service means the file to be updated is
       currently in use by the system and cannot be updated.
       The new files from the FixPak are placed in unpacked
       format in the \IBMCSFLK\FIX
       directory on the drive with the most free space.
       They are processed by the locked file device driver
       during reboot after you shut down the system.

9. Select NO for a redisplay of the "Product List" after the
    first part of the FixPak application process has completed
    if this message is displayed.

10. Click Cancel and Exit to close the Corrective Service
    Facility window if necessary.

11. Shut down and reboot your system.

    You will see the following during reboot of the system if
    you applied service to the OS/2 partition you were booted
    from.

    The locked file driver is loaded.

        Processing locked files

        Processing complete

    The system will do one automatic reboot after the Locked
    File Device Driver has completed.

    Reboot

12. Rename the file amu.cmd back to startup.cmd and reboot

3. INSTALL FROM CD

- Make sure that there is enough free memory on the harddisk.
(100 MByte),
if not, change to the directory c:\amu\logs-trc\ and delete
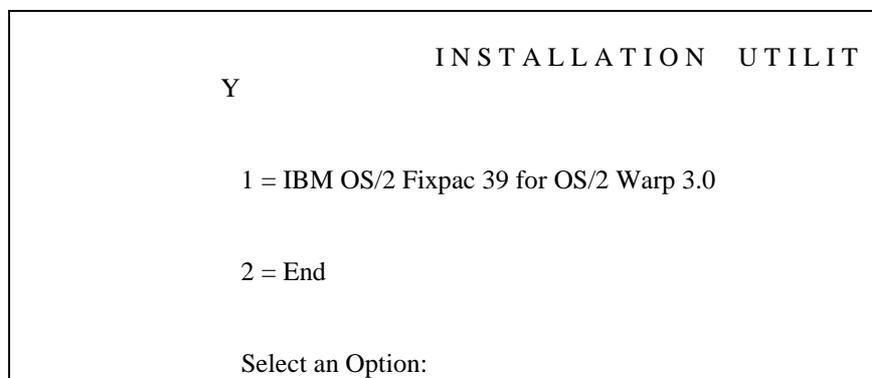some old logfiles.

3.1 INSTALLATION

Open an OS/2 Window and rename the file startup.cmd to amu.cmd

Reboot the system

Open an OS/2 window and change to CD ROM drive to x:\os2\xr_w039\
where x is the CD ROM Drive

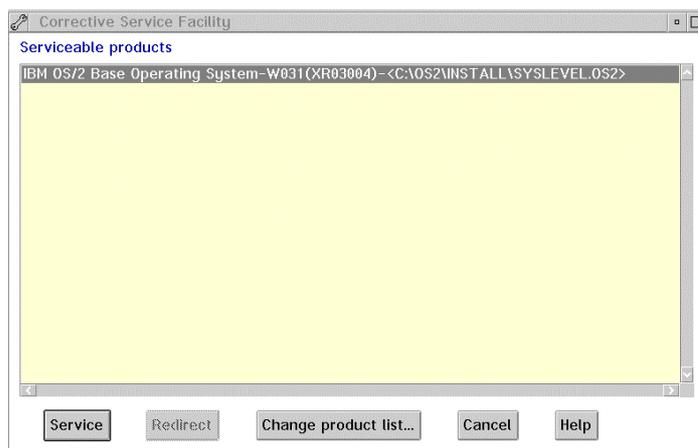Type install and press the Enter key.

```
                            I N S T A L L A T I O N   U T I L I T
              Y


          1 = IBM OS/2 Fixpac 39 for OS/2 Warp 3.0


          2 = End


          Select an Option:
```

Select Option 2 to start the Fixpac Installation or Option 2 to end

Product Information

Corrective Service Facility

Version 2-B

(c) Copyright IBM Corp., 1989, 1993.
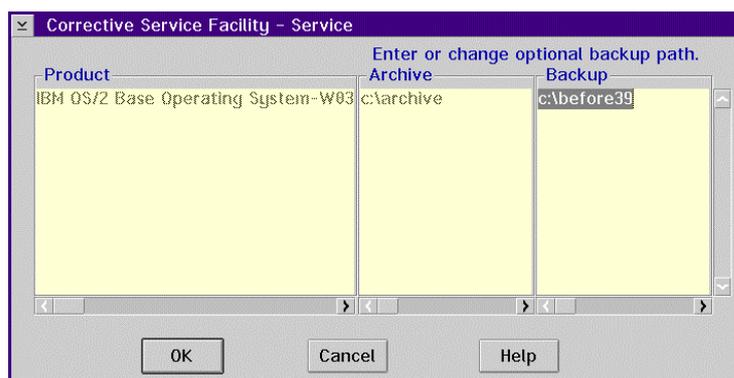All rights reserved.

OK

Press OK

Note: It can take a considerable length of time for the
Corrective Service Facility to scan your hard disk for
serviceable files. In some cases, it has taken as long
as 40 minutes. Please be patient and allow this process to
complete.

You get a list of Serviceable products
Select (black marked) what should be updated
Example:
IBM OS/2 Base Operating system -- SYSLEVEL -- c:\os2\...
Attention: It is possible to update two harddisks
Select only products on the C Drive

Press the Service Button

If this is the first OS/2 Warp FixPak you have applied to this system, then enter the path to the ARCHIVE directory where a copy of replaced files will be stored
(for example, C:\ARCHIVE).

Note: This ARCHIVE directory is not related to the ARCHIVES directory built into OS/2 Warp 3.0. Please specify a different path. You must specify a different ARCHIVE directory for each product to be serviced.

If this is not the first OS/2 Warp FixPak, then enter the path to the BACKUP directory where a copy of replaced files will be stored (for example, C:\before39).

Note: You must specify a different BACKUP directory for each product to be serviced.

For either case, make sure there is sufficient space available on the drive you specify. Even though these files are kept in compressed (PACK2) format, they require between 7 and 12 MB of disk space.
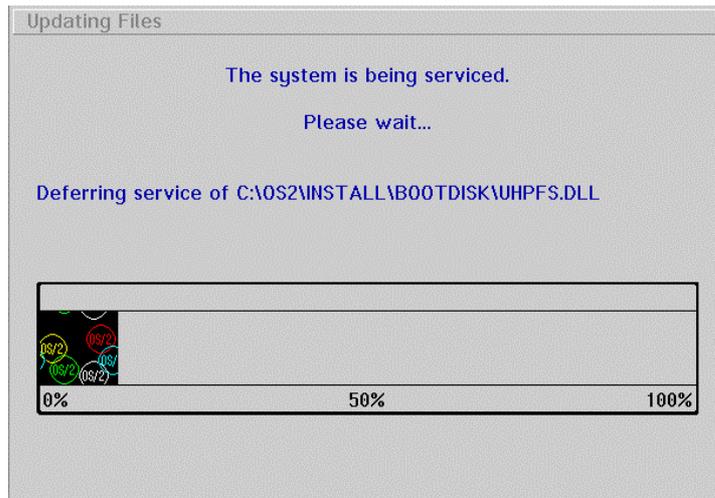
Click on "OK".

If you get a message
    " Error opening or creating archive file "
    in the window Corrective Service Facility Message
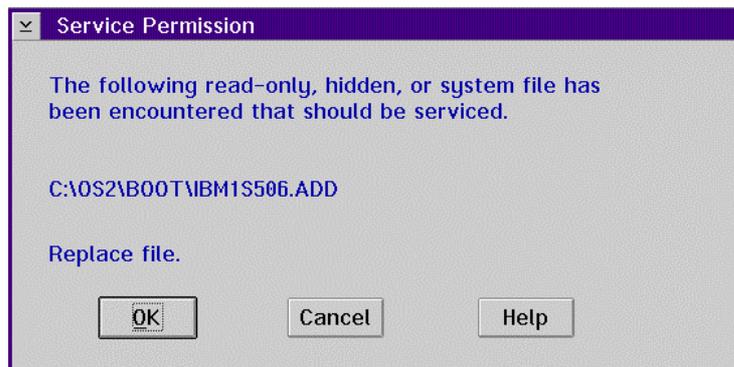   --> C1 1. Unable to open archive directory

You will see an "Application in use" dialog box showing a list of locked files that cannot be serviced while the system is running.

Select Continue.

```
Updating Files

            The system is being serviced.

               Please wait...

   Deferring service of C:\OS2\INSTALL\BOOTDISK\UHPFS.DLL


   ┌──────────────────────────────────────┐
   │                                      │
   │                                      │
   │                                      │
   │                                      │
   │0%              50%              100% │
   └──────────────────────────────────────┘
```

During the installation process you might see messages about Archiving, Updating and Deferring service.

- Archiving saves a compressed copy of the original file in the ARCHIVE or BACKUP path you specified.
- Updating means the original files are replaced with the new ones from this FixPak.
- Deferring service means the file to be updated is currently in use by the system and cannot be updated. The new files from the FixPak are placed in unpacked format in the IBMCSFLK\FIX directory on the drive with the most free space. They are processed by the locked file device driver during reboot after you shut down the system.

```
Service Permission

   The following read-only, hidden, or system file has
   been encountered that should be serviced.


   C:\OS2\BOOT\IBM1S506.ADD


   Replace file.

   ┌──────┐   ┌────────┐   ┌────────┐
   │  OK  │   │ Cancel │   │  Help  │
   └──────┘   └────────┘   └────────┘
```
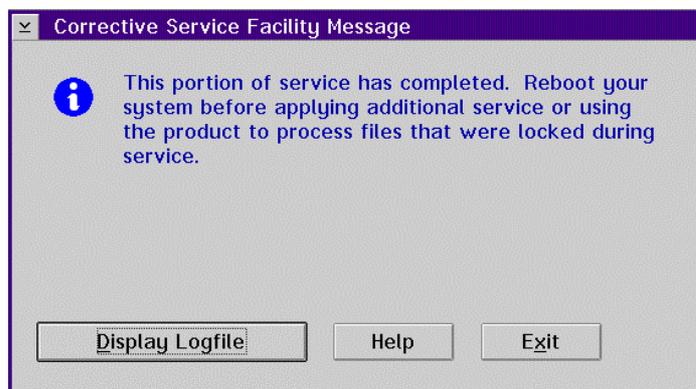
If it is one of the following files, select the "CANCEL" button so you DO NOT replace the newer file with the older one.
AUTODRV2.SYS
IBM2SS01.SYS
PCM2ATA.ADD
DSPINSTL.EXE
IBM1S506.ADD
IBMATAPI.FLT
IBMIDECD.FLT
IBMDASD.DDP
OS2DASD.DMD

Service Permission Verification

⚠ By not allowing the replacement of the following file, your entire system may not be at the same CSD level:

C:\OS2\BOOT\IBM1S506.ADD

File will not be serviced.

[OK]   [Cancel]   [Help]

Press OK
You get this window only if you have preesed CANCEL the window before.

Corrective Service Facility Message

ⓘ This portion of service has completed. Reboot your system before applying additional service or using the product to process files that were locked during service.

[Display Logfile]   [Help]   [Exit]

Click Cancel and Exit to close the Corrective Service
Facility window if necessary.

Shut down and reboot your system.

You will see the following during reboot of the system if you applied service to the OS/2 partition you were booted from.

 The locked file driver is loaded.

  Processing locked files

  Processing complete

 The system will do one automatic reboot after the Locked
File Device Driver has completed.

Reboot

Rename the file amu.cmd back to startup.cmd

Reboot

4. MORE INFORMATION

If you need more information about this fixpac please read the
original IBM documentation in the file X:OS2\XR_W039\XR_W039.DOC

B2.1. INSTALLATION PROCESS FOR OS/2 WARP 4.0 FIXPACK XR_M009 / XR_M010

1. Before installation
       1.1 Run CHKDSK with Parameter F

2. Installation from Diskettes (FP 9)
       2.1 Create CSF Disks
       2.2 Create Fixpac XR_M009 Diskettes
       2.3 Install from booted OS/2 partition
       2.4 Installation

3. Installation from CD-ROM (FP 9 / FP 10)
       3.1 Installation

4. More information

1. BEFORE INSTALLATION

1.1 RUN CHKDSK

Before installing any FixPak, run CHKDSK /F against all drives on
your system to correct any file system errors that might be
present. You cannot do this while OS/2 is active. You must shut
down and run CHKDSK by one of the following methods:

Method 1:   Boot from your Installation and DISK 1 diskettes
you used to install OS/2 with. If your file
system is HPFS, then put the diskette with CHKDSK
CHKDSK32.DLL CHKDSK32.EXE UHPFS.DLL on it
in your A: drive before issuing the CHKDSK command.

Method 2:   Boot from the Utilities disk you created via the
"Create Utility Diskettes" icon in the
System Setup folder.
- Open the Folder OS/2 System
- Open the Folder System Setup
- Select the Icon Create Utility Diskettes
Utility Disk 1 is the OS/2 Installation Disk
Utility Disk 2 is the OS/2 Disk 1
Utility Disk 3 is the OS/2 Disk 2
Utility Disk 4 is the OS/2 Disk 3

Method 3:   Boot from a different OS/2 partition.

Method 4:   Boot from your Installation, DISK 1 and DISK 2 diskettes
you used to install OS/2 with.
If the Welcome Sreen is displayed select F3=Command Prompt
Insert the OS/2 Installation CD, change to the os2image\disk_3
directory and start chkdsk /f from there to the drive which have to be checked.

2. INSTALL FROM DISKETTES (FP 9)

- Make sure that there is enough free memory on the harddisk.
  (100 MByte),
  if not, change to the directory c:\amu\logs-trc\ and delete
  some old logfiles.

2.1 CREATE CSF DISKETTES

For example: E is the drive, tools the subdirectory,
        where the file loaddskf.exe is.
        E is the drive csf is the subdirectory, where the
        imagefiles are, csfbus1 is the file, from where
        you create the floppy.

E:\tools\loaddskf E:\csf\csfbus1.dsk A: /f/y/q
E:\tools\loaddskf E:\csf\csfbus2.dsk A: /f/y/q

2.2 CREATE FIXPAC XR_M009 DISKETTES

E:\tools\loaddskf E:\OS2\XR_M009\XR_M009A.dsk A: /f/y/q

2.3 INSTALL FROM BOOTED OS/2 PARTITION

This method allows you to select the products (partitions) to
be serviced.
This is the method you should use if you have more than one
OS/2 partition and want to control which one is serviced.

2.4 INSTALLATION

Open an OS/2 Window and rename the file startup.cmd to amu.cmd
Reboot the system

1. Insert CSF DISK Diskette 1 in drive A.
2. Open an OS/2 window or full-screen session.
3. Type A:\SERVICE and press the Enter key.

   Note: You could also use the "Drives" object for A: and
   double click on the "SERVICE.EXE" Icon to start the
   install.

   If the "Product Information" Windows for Corrective
   Service Facility appears press the OK button

4. Follow the displayed instructions. When prompted to insert
   Corrective Service Diskette 1 (not CSF DISK Diskette 1),
   place FixPak XR_M009 Corrective Service Diskette 1 in drive
   A. Repeat for the rest of the FixPak disks when requested
   to do so.

   Note: It can take a considerable length of time for the
   Corrective Service Facility to scan your hard disk for
   serviceable files. In some cases, it has taken as long
   as 40 minutes. Please be patient and allow this process to
   complete.

   You get a list of Serviceable products
   Select (black marked) what should be updated
   Example:
   IBM OS/2 Base Operating system -- SYSLEVEL -- c:\os2\...

Attention: It is possible to update two harddisks
Select only products on the C Drive

Press the Service Button

5. If this is the first OS/2 Warp FixPak you have applied to
this system, then enter the path to the ARCHIVE directory
where a copy of replaced files will be stored
(for example, C:\ARCHIVE).

Note: This ARCHIVE directory is not related to the
ARCHIVES directory built into OS/2 Warp 3.0. Please
specify a different path. You must specify a different
ARCHIVE directory for each product to be serviced.

If this is not the first OS/2 Warp FixPak, then enter
the path to the BACKUP directory where a copy of replaced
files will be stored (for example, C:\beforefix09).

Note: You must specify a different BACKUP directory for
each product to be serviced.

For either case, make sure there is sufficient space
available on the drive you specify. Even though these
files are kept in compressed (PACK2) format, they require
between 7 and 12 MB of disk space.
Click on "OK".
6. If you get a message
" Error opening or creating archive file "
in the window Corrective Service Facility Message
--> C1 1. Unable to open archive directory

7. You will see an "Application in use" dialog box showing a
list of locked files that cannot be serviced while the
system is running. You are given two choices
- to Continue or Reboot. Select Continue.
8. During the installation process you might see messages
about Archiving, Updating and Deferring service.
- Archiving saves a compressed copy of the original file
in the ARCHIVE or BACKUP path you specified.
- Updating means the original files are replaced with
the new ones from this FixPak.
- Deferring service means the file to be updated is
currently in use by the system and cannot be updated.
The new files from the FixPak are placed in unpacked
format in the \IBMCSFLK\FIX
directory on the drive with the most free space.
They are processed by the locked file device driver
during reboot after you shut down the system.
9. Select NO for a redisplay of the "Product List" after the
first part of the FixPak application process has completed
if this message is displayed.
10. Click Cancel and Exit to close the Corrective Service
Facility window if necessary.
11. Shut down and reboot your system.

You will see the following during reboot of the system if
you applied service to the OS/2 partition you were booted
from.

The locked file driver is loaded.

Processing locked files

Processing complete

The system will do one automatic reboot after the Locked
File Device Driver has completed.

Reboot

12. Rename the file amu.cmd back to startup.cmd and reboot

3. INSTALL FROM CD (FP 9 / FP 10)

- Make sure that there is enough free memory on the harddisk.
(100 MByte),
if not, change to the directory c:\amu\logs-trc\ and delete some old logfiles.

3.1 INSTALLATION

Open an OS/2 Window and rename the file startup.cmd to amu.cmd

Reboot the system

Open an OS/2 window and change to CD ROM drive to x:\os2\xr_m009\
where x is the CD ROM Drive

Type install and press the Enter key.

FIXPAC 9:

```
        I N S T A L L A T I O N    U T I L I T Y


        1 = IBM OS/2 Fixpac 09 for OS/2 Warp 4.0


        2 = End


        Select an Option:
```

Select Option 1 to start the Fixpac Installation or Option 2 to end

FIXPAC 10:

```
        I N S T A L L A T I O N    U T I L I T Y

        IBM OS/2 Fixpac 10 for OS/2 Warp 4.0 (US)

        1 = User Interface Installation

        2 = CID Installation

        3 = Remove temporary files

        4 = End


        Select an Option:
```

Select Option 1 to start the Fixpac Installation manual
Go forward to the next picture

Select Option 2 to install the Fixpac without user input

After the installation you get a Screen with the information, remove disk from drive A
and press Ctrl , Alt and Del.
Don't press this. Select the Tasklist with Crtl and Esc, change to fservice.exe and
press the Del key.

Shut down and reboot your system.

You will see the following during reboot of the system if you applied service to the OS/2 partition you were booted from.

The locked file driver is loaded.

Processing locked files

Processing complete

The system will do one automatic reboot after the Locked File Device Driver has completed.

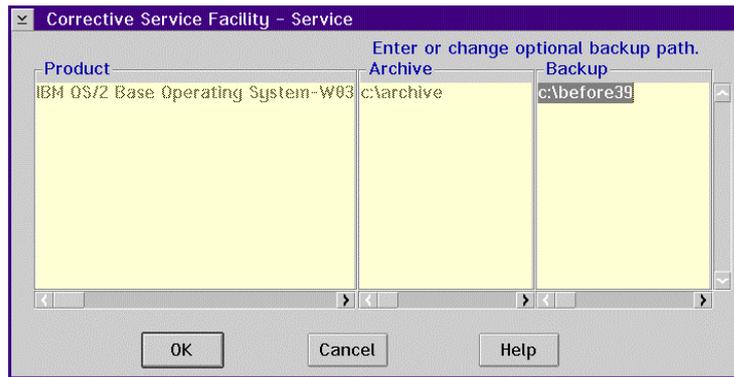Rename the file amu.cmd back to startup.cmd

Reboot

Press OK

Note: It can take a considerable length of time for the
Corrective Service Facility to scan your hard disk for
serviceable files. In some cases, it has taken as long
as 40 minutes. Please be patient and allow this process to
complete.

You get a list of Serviceable products
Select (black marked) what should be updated
Example:
IBM OS/2 Base Operating system -- SYSLEVEL -- c:\os2\...
Attention: It is possible to update two harddisks
Select only products on the C Drive

Press the Service Button

If this is the first OS/2 Warp FixPak you have applied to this system, then enter the path to the ARCHIVE directory where a copy of replaced files will be stored
(for example, C:\ARCHIVE).

Note: This ARCHIVE directory is not related to the ARCHIVES directory built into OS/2 Warp 4.0. Please specify a different path. You must specify a different ARCHIVE directory for each product to be serviced.

If this is not the first OS/2 Warp FixPak, then enter the path to the BACKUP directory where a copy of replaced files will be stored (for example, C:\before09 or C:\before10).
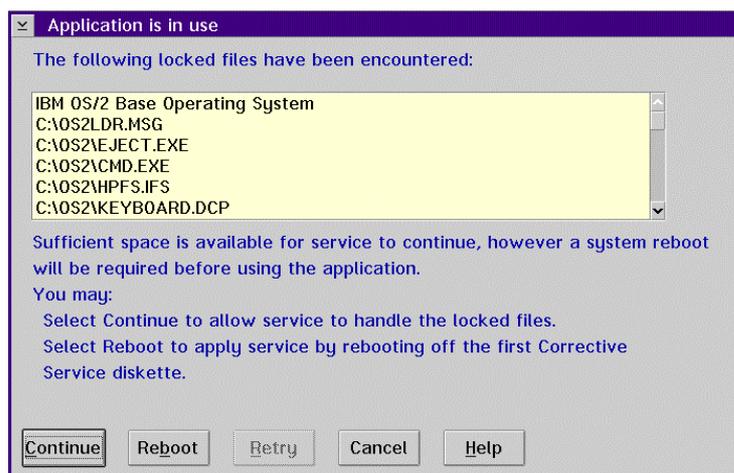
Note: You must specify a different BACKUP directory for each product to be serviced.

For either case, make sure there is sufficient space available on the drive you specify. Even though these files are kept in compressed (PACK2) format, they require between 7 and 12 MB of disk space.
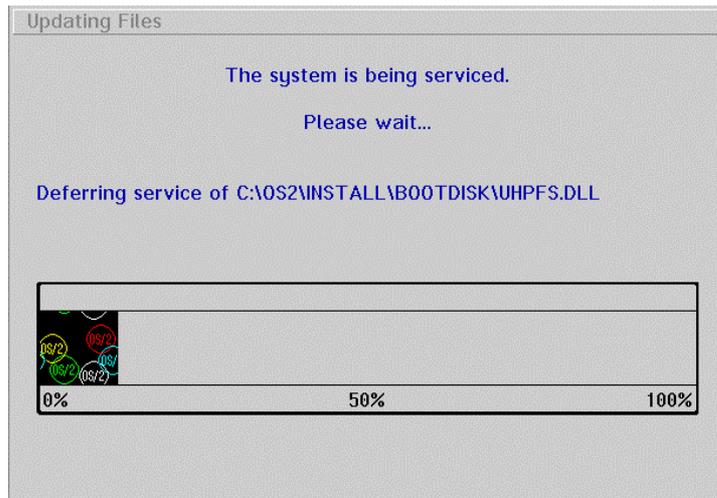
Click on "OK".

If you get a message
     " Error opening or creating archive file "
     in the window Corrective Service Facility Message
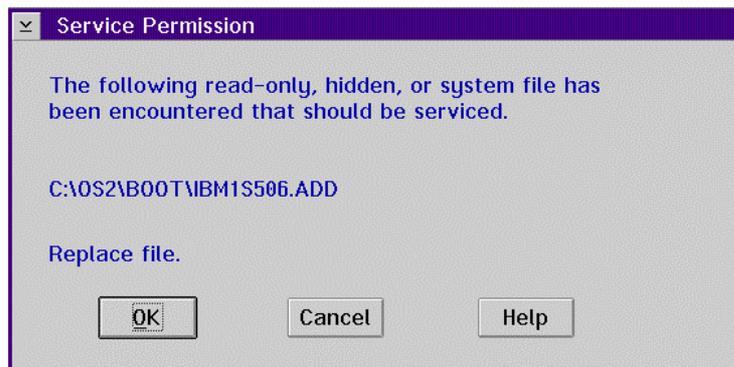   --> C1 1. Unable to open archive directory

You will see an "Application in use" dialog box showing a list of locked files that cannot be serviced while the system is running.

Select Continue.

Updating Files

The system is being serviced.

Please wait...

Deferring service of C:\OS2\INSTALL\BOOTDISK\UHPFS.DLL

| 0% | 50% | 100% |

During the installation process you might see messages about Archiving, Updating and Deferring service.
- Archiving saves a compressed copy of the original file in the ARCHIVE or BACKUP path you specified.
- Updating means the original files are replaced with the new ones from this FixPak.
- Deferring service means the file to be updated is currently in use by the system and cannot be updated. The new files from the FixPak are placed in unpacked format in the IBMCSFLK\FIX directory on the drive with the most free space. They are processed by the locked file device driver during reboot after you shut down the system.

Service Permission

The following read-only, hidden, or system file has been encountered that should be serviced.

C:\OS2\BOOT\IBM1S506.ADD

Replace file.
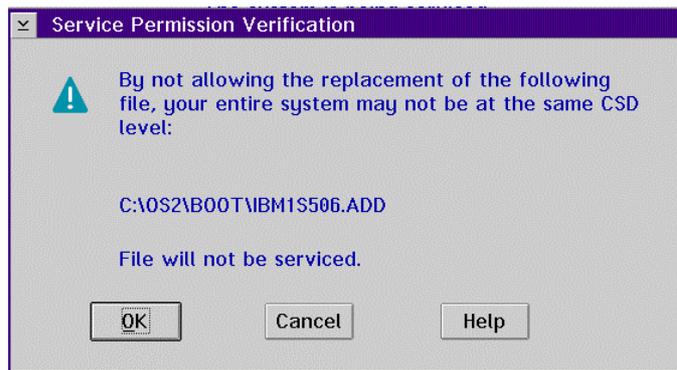
[OK]   [Cancel]   [Help]

FIXPAC 9:

If it is one of the following files, select the "CANCEL" button so you DO NOT replace the newer file with the older one.
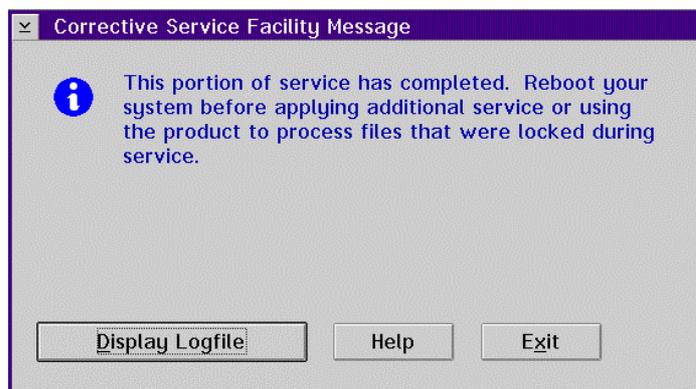DSPINSTL.EXE
IBM1S506.ADD
IBMATAPI.FLT
IBMIDECD.FLT
IBMDASD.DDP
OS2DASD.DMD

FIXPAC 10:

Press the "OK" button for all files

Service Permission Verification

⚠ By not allowing the replacement of the following file, your entire system may not be at the same CSD level:

C:\OS2\BOOT\IBM1S506.ADD

File will not be serviced.

[OK]   [Cancel]   [Help]

Press OK
You get this window only if you have preesed CANCEL the window before.

Corrective Service Facility Message

ⓘ This portion of service has completed. Reboot your system before applying additional service or using the product to process files that were locked during service.

[Display Logfile]   [Help]   [Exit]

Click Cancel and Exit to close the Corrective Service
Facility window if necessary.

Shut down and reboot your system.

You will see the following during reboot of the system if you applied service to the OS/2
partition you were booted from.

   The locked file driver is loaded.

      Processing locked files

      Processing complete

The system will do one automatic reboot after the Locked
File Device Driver has completed.

Rename the file amu.cmd back to startup.cmd

Reboot

4. MORE INFORMATION

If you need more information about this fixpac please read the
original IBM documentation in the file X:\OS2\XR_M009\XR_M009.DOC
X:\OS2\XR_M010\XR_M010.DOC

B2.2 NETSCAPE COMMUNICATOR 4.04 FOR OS/2

Before Installation: - Open an OS/2 Window and rename the file
startup.cmd to amu.cmd
- Reboot the system

After Installation: - Open an OS/2 Window and rename the file
amu.cmd back to startup.cmd
- Reboot the system

To start the Installation program call the x:\tcpip\v41_os2\update\install.cmd from this CD

Select Option 2 = Install Netscape Communicator 4.04 for OS/2 Warp US

Window:	Netscape Communicator 4.04 for OS/2 License Agreement
Action:	Click on the Button Continue
Window:	install
Action:	Click on the Button OK
Window:	install - directories
Action:	Select Netscape Communicator 4.04 for OS/2 Click on the Button install...
Window:	Default Browser Conversation
Action:	Click on the Button Yes
Window:	Default Browser Conversation
Action:	Click on the Button Yes
Window:	Default Browser Conversation
Action:	Click on the Button Yes
Window:	Installation and Maintenance
Action:	Click on the Button OK

Reboot you System

B2.3   JAVA FOR OS/2 SERVICE UPDATE JDK 1.1.7

Before Installation: - Open an OS/2 Window and rename the file
startup.cmd to amu.cmd
- Reboot the system

After Installation: - Open an OS/2 Window and rename the file
amu.cmd back to startup.cmd
- Reboot the system

To start the Installation program call the x:\tcpip\v41_os2\update\install.cmd
from this CD

Select Option 3 = Install Java for OS/2 Service Update JDK 1.1.7 CSD level (XR04008)

Reboot the system

B2.4   IBM OS/2 FEATURE INSTALL VERSION 1.2.3

Before Installation: - Open an OS/2 Window and rename the file
startup.cmd to amu.cmd
- Reboot the system

After Installation: - Open an OS/2 Window and rename the file
amu.cmd back to startup.cmd
- Reboot the system

To start the Installation program call the x:\tcpip\v41_os2\update\install.cmd
from this CD

Select Option 4 = Install IBM OS/2 Feature Install Version 1.2.3 - English

Window:	Feature Install Setup
Action:	Click on the Button OK

Reboot the system

B3. INSTALLATION PROCESS FOR TCPIP Y2000 UPDATES

Before Installation: - Open an OS/2 Window and rename the file
startup.cmd to amu.cmd
- Reboot the system

After Installation: - Open an OS/2 Window and rename the file
amu.cmd back to startup.cmd
- Reboot the system

B3.1.1 TCP/IP V2.0
B3.2.1.1 TCP/IP V3.0
B3.3.1 TCP/IP V3.1
B3.4.1 TCP/IP V3.5
B3.5.1 TCP/IP V4.0
B3.6.1.1 TCP/IP V4.1

B3.1.1 TCP/IP V2.0

x:\tcpip\V20_os2\y2k   (x is the CD-ROM Drive)

This is a year 2000 package that contains the updates
require to OS/2 TCP/IP to make it year 2000 compliant.
The applications that required changes for Year 2000
compliance are:

FTP Server, NewsReader/2, Syslogd (part of TCPUNX.DLL),
and Tcpcoex.exe.

NOTE: Before replacing the current versions of the executables/dlls
      provided in this package, please verify that the dates are
      later than the ones on your system. If they are not, then the
      version you have should already contain the Year 2000 updates
      because the fixes are cumulative, in which case you should NOT
      replace the versions on your system.

Apar PQ07341 changes the FTPD component of TCP/IP v2.0 to
be Year 2000 compliant.

Please replace the following executables in the TCPIP\BIN
directory to apply the fix:

```
ftpd.exe                  21.05.97
ftpdc.exe       21.05.97
ftpdtrc.exe     21.05.97
```

Apar PQ07311 changes the NR2 component of TCP/IP v2.0 to
be Year 2000 compliant.

Please replace the following executables in the TCPIP\BIN
directory to apply the fix:

```
nr2.exe         20.05.97
```

Apar PQ07343 changes the SYSLOGD component of TCP/IP v2.0 to
be Year 2000 compliant.

Please replace the following executables in the TCPIP\DLL
directory to apply the fix:

```
TCPUNX.DLL  23.05.97
```

Apar PQ07690 changes TCPCOEX.EXE of TCP/IP v2.0 to
be Year 2000 compliant.

Please replace the following executables in the TCPIP\BIN
directory to apply the fix:

```
tcpcoex.exe     28.08.97
```

B3.2.1.1 TCP/IP V3.0

x:\tcpip\V30_os2\y2k   (x is the CD-ROM Drive)

This is a year 2000 package that contains the updates
require to OS/2 TCP/IP to make it year 2000 compliant.
The applications that required changes for Year 2000
compliance are:

FTP Server, NewsReader/2, Syslogd (part of TCPUNX.DLL),
and Tcpcoex.exe.

NOTE: Before replacing the current versions of the executables/dlls
provided in this package, please verify that the dates are
later than the versions on your system. If they are not, then the
version you have should already contain the Year 2000 updates
because the fixes are cumulative, in which case you should NOT
replace the versions on your system.

Please replace the following dlls in the TCPIP\DLL
directory.(Even if these dll's are not there originally
copy it to TCPIP\DLL).

```
tnls16.dll              05.01.99
tnls32.dll              05.01.99
setloc1.dll             05.01.99
```

Apar IC19681 changes the FTPD component of TCP/IP v3.0 to
be Year 2000 compliant.

Please replace the following executables in the TCPIP\BIN
directory to apply the fix:

```
ftpd.exe                        08.01.99
ftpdc.exe               08.01.99
ftpdtrc.exe             08.01.99
```

Apar IC18438 changes the NR2 component of TCP/IP v3.0 to
be Year 2000 compliant.

Please replace the following executables in the TCPIP\BIN
directory to apply the fix:

```
nr2.exe                 20.05.97
```

Apar IC18444 changes the SYSLOGD component of TCP/IP v3.0 to
be Year 2000 compliant.

Please replace the following executables in the TCPIP\DLL
directory to apply the fix:

```
TCPUNX.DLL              08.01.99
```

Apar IC18635 changes TCPCOEX.EXE of TCP/IP v3.0 to
be Year 2000 compliant.

Please replace the following executables in the TCPIP\BIN
directory to apply the fix:

```
tcpcoex.exe             08.01.99
```

B3.2.1.2   INSTALLATION PROCESS FOR TCP/IP PUBLIC FIXPAK UN00959

1.   PRE-REQUISITE

WR08210 is a pre-requisite of UN00959
Check this with the syslevel Command
If the Syslevel (C:\mptn\syslevel.mpt) is earlier as WR08210 see B5.1.1

2. INSTALL FROM CD

- Make sure that there is enough free memory on the harddisk.
(100 MByte),
if not, change to the directory c:\amu\logs-trc\ and delete
some old logfiles.

3. CREATE CSF DIRECTORY (SERVICE)

For example: E is the drive, service is the subdirectory,
where the targetfiles are located.

Open an OS/2 Window and change to the directory
e:\csf and call service

4. CREATE FIXPAC UN00959 DIRECTORY

Open an OS/2 Window and change to the directory
e:\tcpip\v30_os2\un00959 and call un00959

5. INSTALLATION

This method allows you to select the products (partitions) to
be serviced.
This is the method you should use if you have more than one
OS/2 partition and want to control which one is serviced.

Open an OS/2 Window and rename the file startup.cmd to amu.cmd
Add or change following environment variable on the end from
config.sys
SET CSFCDROMDIR=C:\UN00959
SET CSFUTILPATH=C:\SERVICE

Reboot the system

1. ---
2. Open an OS/2 window or full-screen session.
3. Type C:\SERVICE\SERVICE and press the Enter key.

Note: You could also use the "Drives" object for C: and
double click on the "SERVICE.EXE" Icon to start the
install.

If the "Product Information" Windows for Corrective
Service Facility appears press the OK button

4. Follow the displayed instructions

Note: It can take a considerable length of time for the

Corrective Service Facility to scan your hard disk for
serviceable files. In some cases, it has taken as long
as 40 minutes. Please be patient and allow this process to
complete.

You get a list of Serviceable products
Select (black marked) what should be updated
Example:
      Select IBM TCPIP VERSION 3.0 for OS/2 – SYSLEVEL –
c:\tcpip\bin\syslevel.tcp

    Attention: It is possible to update two harddisks
    Select only products on the C Drive

Press the Service Button

5. If this is the first OS/2 Warp FixPak you have applied to
   this system, then enter the path to the ARCHIVE directory
   where a copy of replaced files will be stored
   (for example, C:\ARCHIVE).

   Note: This ARCHIVE directory is not related to the
   ARCHIVES directory built into OS/2 Warp 3.0. Please
   specify a different path. You must specify a different
   ARCHIVE directory for each product to be serviced.

   If this is not the first OS/2 Warp FixPak, then enter
   the path to the BACKUP directory where a copy of replaced
   files will be stored (for example, C:\beforeun00959).

   Note: You must specify a different BACKUP directory for
   each product to be serviced.

   For either case, make sure there is sufficient space
   available on the drive you specify. Even though these
   files are kept in compressed (PACK2) format, they require
   between 7 and 12 MB of disk space.
   Click on "OK".

6. If you get a message
   " Error opening or creating archive file "
   in the window Corrective Service Facility Message
   --> C1 1. Unable to open archive directory

7. You will see an "Application in use" dialog box showing a
   list of locked files that cannot be serviced while the
   system is running. You are given two choices
   - to Continue or Reboot. Select Continue.

8. During the installation process you might see messages
   about Archiving, Updating and Deferring service.
   - Archiving saves a compressed copy of the original file
     in the ARCHIVE or BACKUP path you specified.
   - Updating means the original files are replaced with
     the new ones from this FixPak.
   - Deferring service means the file to be updated is
     currently in use by the system and cannot be updated.
     The new files from the FixPak are placed in unpacked
     format in the \IBMCSFLK\FIX
     directory on the drive with the most free space.
     They are processed by the locked file device driver
     during reboot after you shut down the system.

9. If you get a popup during the installation stating that a
   newer file exists on your harddisk select the "CANCEL" button so you DO NOT
   replace the newer file with the older one.

10. Click Cancel and Exit to close the Corrective Service
    Facility window if necessary.

11. Shut down and reboot your system.

    You will see the following during reboot of the system if
    you applied service to the OS/2 partition you were booted
    from.

    The locked file driver is loaded.

       Processing locked files

       Processing complete

12. Rename the file amu.cmd back to startup.cmd

    Reboot

4. MORE INFORMATION

   If you need more information about this fixpac please read the
   original IBM documentation in the file X:\TCPIP\v30_os2\UN00959*.DOC

B3.3.1 TCP/IP V3.1

x:\tcpip\V31_os2\y2k   (x is the CD-ROM Drive)

This is a year 2000 package that contains the updates
require to OS/2 TCP/IP to make it year 2000 compliant.
The applications that required changes for Year 2000
compliance are:

FTP Server, NewsReader/2, Syslogd (part of TCPUNX.DLL),
and Tcpcoex.exe.

NOTE: Before replacing the current versions of the executables/dlls
        provided in this package, please verify that the dates are
        later than the versions on your system. If they are not, then the
        version you have should already contain the Year 2000 updates
        because the fixes are cumulative, in which case you should NOT
        replace the versions on your system.

Apar IC18442 changes the FTPD component of TCP/IP v3.1 to
be Year 2000 compliant.

Please replace the following executables in the TCPIP\BIN
directory to apply the fix:

ftpd.exe   21.05.97
ftpdc.exe   21.05.97
ftpdtrc.exe   21.05.97

Apar IC18439 changes the NR2 component of TCP/IP v3.1 to
be Year 2000 compliant.

Please replace the following executables in the TCPIP\BIN
directory to apply the fix:

nr2.exe   20.05.97

Apar IC18445 changes the SYSLOGD component of TCP/IP v3.1 to
be Year 2000 compliant.

Please replace the following executables in the TCPIP\DLL
directory to apply the fix:

TCPUNX.DLL 23.05.97

Apar IC18658 changes TCPCOEX.EXE of TCP/IP v3.1 to
be Year 2000 compliant.

Please replace the following executables in the TCPIP\BIN
directory to apply the fix:

tcpcoex.exe   29.08.97

B3.4.1 TCP/IP V3.5

x:\tcpip\V35_os2\y2k   (x is the CD-ROM Drive)

This is a year 2000 package that contains the updates
require to OS/2 TCP/IP to make it year 2000 compliant.
The applications that required changes for Year 2000
compliance are:

FTP Server, NewsReader/2, Syslogd (part of TCPUNX.DLL),
and Tcpcoex.exe.

NOTE: Before replacing the current versions of the executables/dlls
    provided in this package, please verify that the dates are
    later than the versions on your system. If they are not, then the
    version you have should already contain the Year 2000 updates
    because the fixes are cumulative, in which case you should NOT
    replace the versions on your system.

Apar IC18585 changes the FTPD component of TCP/IP v3.5 to
be Year 2000 compliant.

Please replace the following executables in the TCPIP\BIN
directory to apply the fix:

ftpd.exe   21.05.97
ftpdc.exe   21.05.97

Apar IC18586 changes the NR2 component of TCP/IP v3.5 to
be Year 2000 compliant.

Please replace the following executables in the TCPIP\BIN
directory to apply the fix:

nr2.exe   06.05.97

Apar IC18588 changes the SYSLOGD component of TCP/IP v3.5 to
be Year 2000 compliant.

Please replace the following executables in the TCPIP\DLL
directory to apply the fix:

TCPUNX.DLL 11.08.97

Apar IC18596 changes TCPCOEX.EXE of TCP/IP v3.5 to
be Year 2000 compliant.

Please replace the following executables in the TCPIP\BIN
directory to apply the fix:

tcpcoex.exe   28.08.97

B3.5.1 TCP/IP V4.0

x:\tcpip\V40_os2\y2k   (x is the CD-ROM Drive)

This is a year 2000 package that contains the updates
require to OS/2 TCP/IP to make it year 2000 compliant.
The applications that required changes for Year 2000
compliance are:

FTP Server, NewsReader/2, Syslogd (part of TCPUNX.DLL),
and Tcpcoex.exe.

NOTE: Before replacing the current versions of the executables/dlls
     provided in this package, please verify that the dates are
     later than the versions on your system. If they are not, then the
     version you have should already contain the Year 2000 updates
     because the fixes are cumulative, in which case you should NOT
     replace the versions on your system.

Apar IC19683 and Apar IC21102 changes the FTPD component of TCP/IP v4.0 to
be Year 2000 compliant.

Please replace the following executables in the TCPIP\BIN
directory to apply the fix:

ftpd.exe   04.02.99
ftpdc.exe   04.02.99

Apar IC18587 changes the NR2 component of TCP/IP v4.0 to
be Year 2000 compliant.

Please replace the following executables in the TCPIP\BIN
directory to apply the fix:

nr2.exe   06.05.97

Apar IC18589 changes the SYSLOGD component of TCP/IP v4.0 to
be Year 2000 compliant.

Please replace the following executables in the TCPIP\DLL
directory to apply the fix:

TCPUNX.DLL 11.08.97

Apar IC18528 changes TCPCOEX.EXE of TCP/IP v4.0 to
be Year 2000 compliant.

Please replace the following executables in the TCPIP\BIN
directory to apply the fix:

tcpcoex.exe   25.08.97

B3.6.1.1 TCP/IP V4.1

x:\tcpip\V41_os2\y2k   (x is the CD-ROM Drive)

This is a year 2000 package that contains the updates
require to OS/2 TCP/IP to make it year 2000 compliant.
The applications that required changes for Year 2000
compliance are:

FTP Server

NOTE: Before replacing the current versions of the executables/dlls
     provided in this package, please verify that the dates are
     later than the versions on your system. If they are not, then the
     version you have should already contain the Year 2000 updates
     because the fixes are cumulative, in which case you should NOT
     replace the versions on your system.

The file v41y2k.exe is a self extracting zip file that contains
all of the changed files. To unzip in the current directory, type

v41y2k .

Apar IC19684 changes the FTPD component of TCP/IP v4.1 to
be Year 2000 compliant.

Please replace the following executables in the TCPIP\BIN
directory to apply the fix:

ftpd.exe   17.12.97
ftpdc.exe   17.12.97

B3.6.1.2 TCP/IP V4.1 FOR OS/2 UPDATE

Before Installation:	- Make sure that there is enough free memory on the harddisk. (100 MByte), - Open an OS/2 Window and rename the file startup.cmd to amu.cmd - Reboot the system
After Installation:	- Open an OS/2 Window and rename the file amu.cmd back to startup.cmd - Reboot the system

Prerequisites:	- OS/2 4.00 Fixpack 5 (Rev. 9.029) - TCP/IP 4.00 - MPTS CSD Level WR08610 - Netscape Communicator 4.04 - Java for OS/2 1.1.7 CSD level XR04008 Attention: Control the CSD Level - OS/2 Feature Intsall 1.2.3 CSD level XR03100

To check the Prerequisites call the x:\tcpip\v41_os2\update\install.cmd from this CD
Select Option 1 = Check installed Versions.

Check the output:

OS/2 Version 4.00 with Revision 9.029 is necessary,
if there is OS/2 Version 4.00 with any older 9.xxx Revision is installed.
→ B2.1 Installation Process for OS/2 Warp 4.0 Fixpack

TCP/IP Version 4.00 with CSD Level UN00000 or higher is necessary

MPTS Version x.xx with CSD Level WRO8610 is necessary
→ B5.1.1 Installation Process for MPTS ServicePak/Refresh WR08610
You can call the installation programm for the MPTS Update with
Option 5 = Call MPTS 8610 Installation Program

Install Netscape Communicator 4.04 for OS/2 Warp US is necessary
→ B2.2 Netscape Communicator 4.04 for OS/2
Start the installation with
Option 2 = Install Netscape Communicator 4.04 for OS/2 Warp US

Java for OS/2 1.17 CSD level XR04008 is necessary
→ B2.3 Java for OS/2 Service Update JDK 1.1.7
Start the installation with
Option 3 = Install Java for OS/2 Service Update JDK 1.1.7 CSD level (XR04008)

OS/2 Feature Install Version 1.2.3
→ B2.4 IBM OS/2 Feature Install Version 1.2.3 is necessary
Start the installation with
Option 4 = Install IBM OS/2 Feature Install Version 1.2.3 - English

Installation from TCP/IP 4.1
Start the installation with Option 6 = Install TCP/IP Version 4.1 for OS/2

Window:	New Profile Setup
Information:	You get this window at 6 times, if you use the Netscape Communicator at the first time.
Action:	Click on the Button Next >

Window:	Netscape – TCP/IP 4.1 for OS/2 - Installation
Action:	Click on the button (arrow key) to start the installation
Window:	Netsacpe – TCP/IP 4.1 for OS/2 – Select Guided or Advanced Path
Action:	Click on the Button Advanced Path
Window:	Netscape – TCP/IP 4.1 for OS/2 – Select and Configuration Components
Action:	Unselect the Checkbox for Personal Communications Entry V4.1 Click on the lower arrow key right button to go forward
Window:	Netscape – TCP/IP 4.1 for OS/2 – Ready to install Components
Action:	Click on the install button below
Window:	Netscape – TCP/IP 4.1 for OS/2 – Installation Completed
Action:	Click on the exit button

- Reboot the system

B3.6.1.3   TCP/IP V4.1 APPLICATIONS FIXPAK UN01001

Before Installation: - Open an OS/2 Window and rename the file
startup.cmd to amu.cmd
- Reboot the system

After Installation: - Open an OS/2 Window and rename the file
amu.cmd back to startup.cmd
- Reboot the system

Prerequisites: - TCP/IP 4.10 CSD level UN01000

To check the Prerequisites call the x:\tcpip\v41_os2\update\install.cmd from this CD
Select Option 1 = Check installed Versions.

Installation from TCP/IP 4.1
Start the installation with Option 7 = Install TCP/IP for OS/2 Applications
Fixpak UN01001 US (Year 2000 Y2K)

Window:	Corrective Service Facility
Action:	Select IBM TCP/IP for Warp -(UN01000) – < **C**:\tcpip\bin\syslevel.tcp> Click on the Service button
Window:	Corrective Service Facility – Service
Action:	Enter the Backup Path, for example: C:\b4un01000 Click on the OK button
Window:	Application is in use
Action:	Click on the Continue button
Window:	Corrective Service Facility Message
Action:	If you get there no error message, click on the Exit button

- Reboot the system

B4. COMMUNICATIONS MANAGER CM/2
B4.1.1 INSTALLATION PROCESS FOR CM/2 REFRESH

ServicePak for Communicationsmanager/2 1.11 - OS/2 Warp Version 3.0

Before Installation: - Open an OS/2 Window and rename the file
startup.cmd to amu.cmd
- Reboot the system
After Installation: - Open an OS/2 Window and rename the file
amu.cmd back to startup.cmd
- Reboot the system

This ServicePak for Communications Manager/2 1.1 users and
includes upgredes necessary for customers using OS/2 Warp

Installation:
Open an OS/2 Window type in following command

xcopy x:\cm2\cm2111a1*.* c:\image\cm2111a1\
where x is the CD-ROM drive

Now call the cmsetup from the fix
c:\image\cm2111a1\cmsetup

Window "Warning"
--> Press OK, if you have a legally version acquired
for the base product

Window "Installation Notes"
--> Press Continue

Window "Target Drive Selection"
--> Select the CM/2 Version on Drive C and press OK

Window "Refresh Product Files"
--> Press Refresh

Window "Change Config.SYS"
--> Select Change CONFIG.SYS and press OK

Window "Communications Manager Completion"
--> Press Close

Done
--> Reboot

Install APAR (→ B4.1.2.)

B4.1.2. APAR FOR CM/2 VERSION 1.11

Before Installation: - Open an OS/2 Window and rename the file
startup.cmd to amu.cmd
- Reboot the system

After Installation: - Open an OS/2 Window and rename the file
amu.cmd back to startup.cmd
- Reboot the system

PREREQUISITES : IBM Communications Manager/2 for OS/2 2.x and
OS/2 Warp version 1.11
CSD: WR06150. The CSD must be installed for this
APAR package to successfully work.

INSTALLATION INSTRUCTIONS:

1) Make a temporary directory, for example C:\cmtemp,
the instructions will use c:\cmtemp as the example.

2) Copy the Files cm2abase.zip and cm2bbase.zip
from x:\cm2\apar\1\ to your computer to c:\cmtemp
Where x is the CD-ROM Drive

3) At an OS/2 prompt enter: CMKFMSMI 0
(This stops the Communications Manager Frame manager
that is started in config.sys)

4) Back up the following files in the following directories:

cmlib\acsapldr.exe
cmlib\appccfg.h
cmlib\cmmh.msg
cmlib\cmm.msg
cmlib\lulist.exe
cmlib\lutpm.exe
cmlib\pluverb.h
cmlib\lutpm.hlp
cmlib\cmstart.exe
cmlib\remmain.exe
cmlib\cmverify.txt
cmlib\cml2a.srv
cmlib\cmpd.cmd
cmlib\cmpd.pak
cmlib\appnv.ctl
cmlib\cmsess.exe
cmlib\trcmark.exe
cmlib\cmkfmsmi.exe
cmlib\cmkfmde.sys
cmlib\appnp.hlp
cmlib\appnp.pml
cmlib\appnp.pdl
cmlib\dll\appc.dll
cmlib\dll\cmkfmapi.dll
cmlib\dll\appnutl.dll
cmlib\dll\acsgwscp.dll
cmlib\dll\appncfg4.dll
cmlib\dll\acsrui.dll
cmlib\dll\acssli.dll
cmlib\dll\appncfg.dll
cmlib\dll\ccdmain.dll

cmlib\dll\acs3elue.dll
cmlib\dll\acs3evs.dll
cmlib\dll\acsipx.dll
cmlib\dll\cpic.dll
cmlib\dll\acsmptn.dll
cmlib\dll\acssvc.dll
cmlib\dll\lutab.dll
cmlib\dll\acsrastd.dll
cmlib\dll\cmfreedl.dll
cmlib\dll\remapi.dll
cmlib\dll\rpdhdlr.dll

It is possible that some of these files will not be present on
your system, depending on your configuration.

5) Execute the following command from the cmtemp subdirectory:

PKUNZIP2 -d -o cm2abase.zip C:\

where C: is the drive where Communications Manager/2 is installed. You
should change this if Communications Manager/2 is installed on a
different drive. The zip file is created such that the files will be
placed into cmlib and cmlib\dll in the specified drive.

6) Execute the following command from the cmtemp subdirectory:

PKUNZIP2 -d -o cm2bbase.zip C:\

where C: is the drive where Communications Manager/2 is installed. You
should change this if Communications Manager/2 is installed on a
different drive. The zip file is created such that the files will be
placed into cmlib and cmlib\dll in the specified drive.

7) Reboot the workstation.

B5 MPTS
B5.1.1 INSTALLATION PROCESS FOR MPTS SERVICEPAC WR08421 / WR08610

IBMLANLK.LST

INSTALLATION

Open an OS/2 Window and rename the file   Öffnen Sie ein OS/2
Fenster und benennen Sie die
c:\startup.cmd to c:\amu.cmd   Datei c:\startup.cmd nach
c:\amu.cmd um

 Reboot the PC   Rebooten Sie den PC

Open an OS/2 Window, change to the directory   Öffnen Sie ein OS/2 Fenster,
wechseln Sie nach
- E:\MPTS\WR08421   - E:\MPTS\WR08421
- E:\MPTS\WR08610   - E:\MPTS\WR08610
and call install.cmd   und führen Sie dort die Datei install.cmd aus

For example: Beispiel:
E is the drive, mpts and wr08xxx are the subdirectories, E ist das Laufwerk, mpts und
wr08xxx sind die
where the targetfiles install.cmd are located.   Unterverzeichnisse, in welchem
die aufzurufende

                                                          Datei install.cmd liegt.


```
      I N S T A L L A T I O N     U T I L I T Y


   1 =  IBM MPTS LAN Adapter and Protocol Support FixPak WR08XXX


   2 = End


   Select an Option:
```

Select 1 for Installation or 2 for End   Wählen Sie 1 für die Installation oder 2
für Beenden

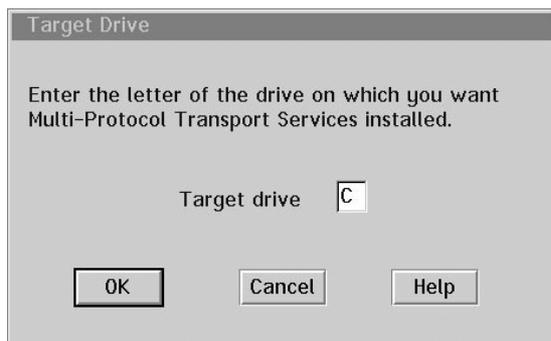Press OK   Drücken Sie OK

Press Install   Drücken Sie Install
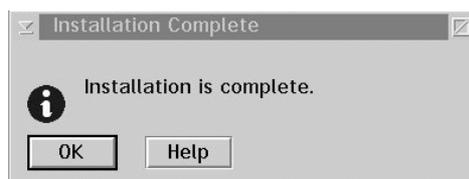
Change to "C" and press OK   Tragen Sie "C" und drücken Sie OK
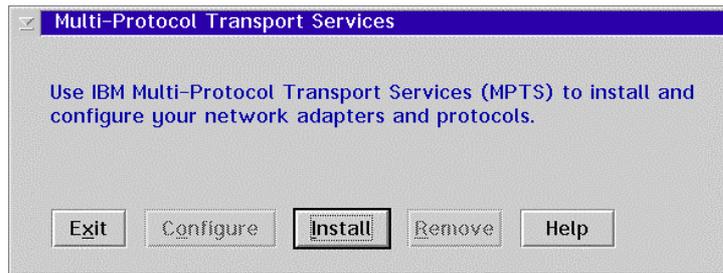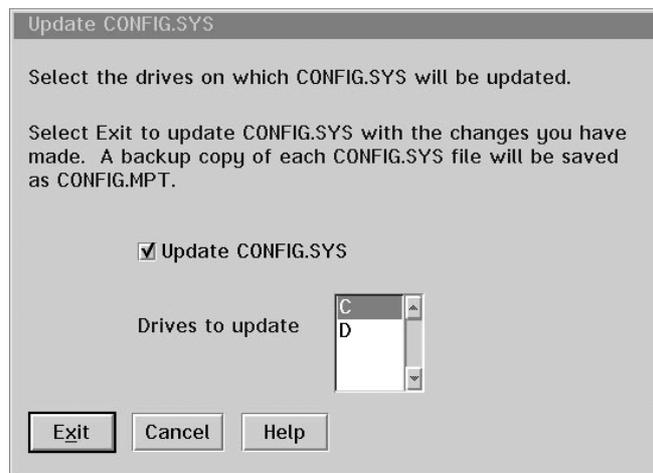
Press OK   Drücken Sie OK
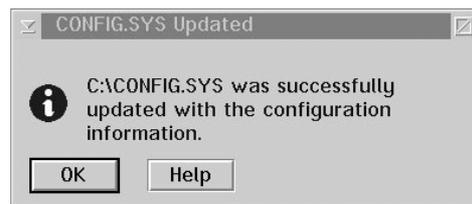
Press OK   Drücken Sie OK

Multi-Protocol Transport Services

Use IBM Multi-Protocol Transport Services (MPTS) to install and configure your network adapters and protocols.

Exit   Configure   Install   Remove   Help

Press EXIT   Drücken Sie EXIT

Update CONFIG.SYS

Select the drives on which CONFIG.SYS will be updated.

Select Exit to update CONFIG.SYS with the changes you have made. A backup copy of each CONFIG.SYS file will be saved as CONFIG.MPT.

☑ Update CONFIG.SYS

Drives to update   C   D

Exit   Cancel   Help

Unselect "D" and press EXIT   Entfernen Sie die Markierung von "D" und drücken Sie EXIT

CONFIG.SYS Updated

C:\CONFIG.SYS was successfully updated with the configuration information.

OK   Help

Press OK   Drücken Sie OK

```
Exiting MPTS

The MPTS installation program has completed this phase of
processing successfully.  To complete the process, you must
perform the following steps:

    1. Exit this installation/configuration program.

    2. Stop all your running programs.

    3. Shut down your system from the OS/2 desktop.

When you restart your workstation, the MPTS program will
automatically complete the changes you have requested.


        Exit              Help
```

Press EXIT   Drücken Sie EXIT

W A R P   4.0.0   W I T H   T C P / I P   4.0.0
W A R P   C O N N E C T   3.0.0   W I T H   T C P / I P   3.0.0

Following message will be displayed   folgende Meldung erscheint

  Delete the specified TCPIP entries from the TCPIP configuration

Reboot the PC   Rebooten Sie den PC
(the locked files will be copied)   (Die im Zugriff befindlichen
Dateien werden   kopiert)

For following situation is no Fix available   Für folgende Situation ist kein
Fix verfügbar

TCP/IP hangs intermittently, when TCP/IP Config   TCP/IP hängt intermetierend,
wenn das TCP/IP
Notbook add NET ROUTE after DEFAULT ROUTE,   während der Konfiguration eine
"NET ROUTE"
and NETWORK is not subnetted   nach der "DEFAULT ROUTE"
addiert und das

                                               Netzwerk nicht in "SUB" Netze
unterteilt ist

Edit the file c:\mptn\bin\setup.cmd   Editieren Sie die Datei
c:\mptn\bin\setup.cmd
and delete this entry(ies)   und löschen Sie dies

Example: Bsp:

Before:

```
route -fh
ifconfig lo 127.0.0.1
ifconfig lan0 192.168.68.194 netmask 255.255.255.0
REM ifconfig lan1
REM ifconfig lan2
REM ifconfig lan3
REM ifconfig lan4
REM ifconfig lan5
REM ifconfig lan6
REM ifconfig lan7
```

```
REM ifconfig sl0
route add default 192.168.68.1 1
route add net 192.168.68 192.168.68.1 1 netmask 255.255.255.0
route add net 192.168 192.168.68.1 1
ipgate off
```

After:

```
route -fh
ifconfig lo 127.0.0.1
ifconfig lan0 192.168.68.194 netmask 255.255.255.0
REM ifconfig lan1
REM ifconfig lan2
REM ifconfig lan3
REM ifconfig lan4
REM ifconfig lan5
REM ifconfig lan6
REM ifconfig lan7
REM ifconfig sl0
route add default 192.168.68.1 1
ipgate off
```

Rename the file c:\amu.cmd back to startup.cmd

Reboot the PC

Benennen Sie die Datei c:\amu.cmd zurück nach startup.cmd

Rebooten Sie den PC

B6 INSTALLATION PROCESS FOR DB/2 FIXPACK
B6.1.1 WR08120 (DB/2 V2)

FixPak 8120 upgrades DB2 v2.1 products with WR08000
(or higher) installed to WR08120 level.

Before Installation:
- Open an OS/2 Window and rename the file
  startup.cmd to amu.cmd
- Reboot the system

After Installation:
- Open an OS/2 Window and rename the file
  amu.cmd back to startup.cmd
- Reboot the system

Installation Instructions

- Open an OS/2 Window and change to x:\db2\wr08120
  where x is the CD-ROM
- Type in "grau" and press the Enter key
  The fix will be unzipped to c:\wr08120
- Change to the directory c:\wr08120, type in
  "install" and press the Enter key
- Window "IBM DATABASE 2 for OS/2 - Fixpak"
- Window "Installation Instructions"
  --> Press continue
- Window "Installation and Maintenance"
  --> Select "IBM DB2 for OS/2 - Single-User"
  --> Select Update from the menu Action
- Window "Update"
  activ   - Update config.sys
  not activ - Save a backup version of the installed product
  IMPORTANT: Do not select the "Save a backup version?"
        checkbox. This will not properly backup the
        changes, and restoring from the backup may
        damage the installed DB2/DDCS product(s).
        This will be remedied in the future.
  --> Press the Update Button
- Window "Installation and Maintenance"
  --> Press YES for the warning
- Window "Installation and Maintenance"
  --> Close it with Exit from the menu File
- Shutdown OS/2
- Reboot OS/2

Rebinding the database
This step is necessary for the fixes in this FixPak
to become effective
- Open an OS/2 Window and change to x:\db2
  where x is the CD-ROM
- Type in "dbbind" and press the Enter key

B6.1.2   WR08190 (DB/2 V2)

FixPak 8190 upgrades DB2 v2.1 products with WR08120
(or higher) installed to WR08190 level.

Before Installation:
- Open an OS/2 Window and rename the file
  startup.cmd to amu.cmd
- Reboot the system

After Installation:
- Open an OS/2 Window and rename the file
  amu.cmd back to startup.cmd
- Reboot the system

Installation Instructions

- Open an OS/2 Window and change to x:\db2\wr08190
  where x is the CD-ROM
- Type in "grau" and press the Enter key
  The fix will be unzipped to c:\wr08190
- Change to the directory c:\wr08190, type in
  "install" and press the Enter key
- Window "IBM DATABASE 2 for OS/2 - Fixpak"
- Window "Installation Instructions"
  --> Press continue
- Window "Installation and Maintenance"
  --> Select "IBM DB2 for OS/2 - Single-User"
  --> Select Update from the menu Action
- Window "Update"
  activ   - Update config.sys
  not activ - Save a backup version of the installed product
  IMPORTANT: Do not select the "Save a backup version?"
        checkbox. This will not properly backup the
        changes, and restoring from the backup may
        damage the installed DB2/DDCS product(s).
        This will be remedied in the future.
  --> Press the Update Button
- Window "Installation and Maintenance"
  --> Press YES for the warning
- Window "Installation and Maintenance"
  --> Close it with Exit from the menu File
- Shutdown OS/2
- Reboot OS/2

Rebinding the database

This step is necessary for the fixes in this FixPak
to become effective
- Open an OS/2 Window and change to x:\db2
  where x is the CD-ROM drive
- Type in "dbbind" and press the Enter key

B6.2.1 WR09073 (UDB V5 FIXPACK 6)

IBM DB2 Universal Database* for OS/2* Version 5.2 FixPak WR09073

Pre-requisites:

To determine if the required pre-requistes are installed, do the following:

 -Double-click on the 'Installation Utility' icon in the 'DB2 for
 OS/2' folder.
 -Select 'View', 'Installed Products'.
 -Select the appropriate DB2 product.
 -Select 'Details', 'Product Status'. The version should be 05.00.00,
 05.02.00 or 05.02.01.

Before Installation:

Before installing this DB2 for OS/2 FixPak, please ensure that the line in your CONFIG.SYS
file which initializes the HPFS file system is at the beginning of the file if HPFS is being
used. You can identify this line by looking for one similar to the following:
    One Harddisk
        IFS=C:\OS2\HPFS.IFS /CACHE:2048 /CRECL:4 /AUTOCHECK:C
    Two Harddisks
        IFS=C:\OS2\HPFS.IFS /CACHE:2048 /CRECL:4 /AUTOCHECK:CD

If it is not at the beginning of your CONFIG.SYS, please move it there before the DB2
FixPak installation.

 - Open an OS/2 Window and rename the file
   startup.cmd to amu.cmd
 - Reboot the system

After Installation:
   - Open an OS/2 Window and rename the file
     amu.cmd back to startup.cmd
   - Reboot the system

Installation Instructions

   - Open an OS/2 Window and change to x:\db2\wr09073
     where x is the CD-ROM
   - Type in "wr09073" and press the Enter key
     The fix will be unzipped to c:\wr09073
   - Change to the directory c:\wr09073\en\install, type in
     "install" and press the Enter key
   - Window "IBM DB 2 for OS/2 - Fixpak"
   - Window "Installation Instructions"
     --> Press continue
   - Window "Installation and Maintenance"
     --> Select "IBM DB2 Universal Database Personal Edition"
     --> Select Update from the menu Action
   - Window "Update"
     activ   - Update config.sys
     not activ - Save a backup version of the installed product
     IMPORTANT: Do not select the "Save a backup version?"
           checkbox. This will not properly backup the
           changes, and restoring from the backup may
           damage the installed DB2 UDB product(s).
           This will be remedied in the future.
    --> Press the Update Button
   - Window "Installation and Maintenance"
     --> Press YES for the message

- If you are not loged on, the system will bring the logon window
  → Do a logon (AMUADMIN / RASPUTIN), press the OK button
- Window "Installation and Maintenance"
→ OK
- Window "Installation and Maintenance"
  → Close it with Exit from the menu File
- Shutdown OS/2
- Reboot OS/2

Rebinding the database
  This step is necessary for the fixes in this FixPak
  to become effective
  - Open an OS/2 Window and change to x:\db2
    where x is the CD-ROM
  - Type in "dbbind" and press the Enter key

B6.2.2 WR09083 (UDB V5 FIXPACK 7)

IBM DB2 Universal Database* for OS/2* Version 5.2 FixPak WR09083
Pre-requisites:
This FixPak cannot be installed on top of existing DB2 UDB Version 5.0 code.
You must be at the DB2 UDB Version 5.2 level. In order to get to the Version
5.2 level, you can download and install FixPak 6. Once FixPak 6 is installed,
you can then apply FixPak 7.

To determine if the required pre-requistes are installed, do the following:

 -Double-click on the 'Installation Utility' icon in the 'DB2 for
  OS/2' folder.
 -Select 'View', 'Installed Products'.
 -Select the appropriate DB2 product.
 -Select 'Details', 'Product Status'. The version should be 05.02.02

Before Installation:

Before installing this DB2 for OS/2 FixPak, please ensure that the line in your CONFIG.SYS
file which initializes the HPFS file system is at the beginning of the file if HPFS is being
used. You can identify this line by looking for one similar to the following:
    One Harddisk
        IFS=C:\OS2\HPFS.IFS /CACHE:2048 /CRECL:4 /AUTOCHECK:C
    Two Harddisks
        IFS=C:\OS2\HPFS.IFS /CACHE:2048 /CRECL:4 /AUTOCHECK:CD

If it is not at the beginning of your CONFIG.SYS, please move it there before the DB2
FixPak installation.

  - Open an OS/2 Window and rename the file
    startup.cmd to amu.cmd
  - Reboot the system

After Installation:
  - Open an OS/2 Window and rename the file
    amu.cmd back to startup.cmd
  - Reboot the system

Installation Instructions

  - Open an OS/2 Window and change to x:\db2\wr09083
    where x is the CD-ROM
  - Type in "wr09083" and press the Enter key
    The fix will be unzipped to c:\wr09083
  - Change to the directory c:\wr09083\en\install, type in
    "install" and press the Enter key
  - Window "IBM DB 2 for OS/2 - Fixpak"
  - Window "Installation Instructions"
   --> Press continue
  - Window "Installation and Maintenance"
   --> Select "IBM DB2 Universal Database Personal Edition"
   --> Select Update from the menu Action
  - Window "Update"
    activ   - Update config.sys
    not activ - Save a backup version of the installed product
    IMPORTANT: Do not select the "Save a backup version?"
          checkbox. This will not properly backup the

changes, and restoring from the backup may
damage the installed DB2 UDB product(s).
This will be remedied in the future.
   --> Press the Update Button
  - Window "Installation and Maintenance"
   --> Press YES for the message
  - If you are not loged on, the system will bring the logon window
   → Do a logon (AMUADMIN / RASPUTIN), press the OK button
  - Window "Installation and Maintenance"
 → OK
  - Window "Installation and Maintenance"
   → Close it with Exit from the menu File
  - Shutdown OS/2
  - Reboot OS/2

Rebinding the database
   This step is necessary for the fixes in this FixPak
   to become effective
   - Open an OS/2 Window and change to x:\db2
     where x is the CD-ROM
   - Type in "dbbind" and press the Enter key

B7   AMU / DAS SOFTWARE

B7.1 AMU

- Installation / Information
  See Releasenotes (*.PDF) in amu\......

B7.2   DAS
VER 3.01

- In the subdirectory x:\das\301\ you will find the DAS Software 3.01

- This is a CD ROM instalable version (dasinst.cmd)
  Change to the directory where the files are located and start the installation with
  Dasinst.cmd

- Create Installationdiskettes
Disk1: Copy dasinst.cmd, unzip.exe and das301.zip to a empty formatted disk
Disk2: Copy ACI301_1.ZIP to a empty formatted disk
Disk3: Copy ACI301_2.ZIP to a empty formatted disk

The ACI 3.01 will be available on following operating systems:
  - IRIX 5.3, 6.2, 6.4, 6.5
  - AIX   4.1, 4.2, 4.3
  - HPUX 10.1, 10.2, 11.0
  - OSF1 4.0
  - Solaris 2.4, 2.5, 2.6
  - Reliant Unix 5.43, 5.44
  - Linux   RedHat 5.1
  - Windows NT 4.0
  - OS/2 Warp Connect

B7.3 AMUSAVE
- This is a utility to save the configuration files from the PC
        It is located in \amu\amusave\x.xx\
Where x.xx is the version

-

B8 INSTALLATION PROCESS FOR GRAPHICS DRIVER
B8.1.1 ELSA WINNER 1000T2D V1.22

INSTALLATION

These drivers can only be used under OS/2 WARP Version 3 and 4.

To guarantee a successful installation, be sure to have the
original VGA driver installed and active.

RESTORING THE ORIGINAL VGA DRIVER

Use the restore option at system boot time (Alt+F1) and reset
the primary display to VGA. Consult your OS/2 manual
for further information.

You have to reboot the system for the change to take effect.

INSTALLATION OF THE ELSA DRIVERS VERSION 01.22:

Insert your ELSA CD into your drive, open the CD-ROM
drive object on your desktop, change to the OS/2
directory appropriate for your graphics card
(i.e., \WINNER\2000AVI\OS2) and start SETUP.EXE.
The contents of this file should appear on the
"Introduction" page.

USING THE SETUP PROGRAM

On the "Adapter Info" page you may view information about your
graphics adapter. Use the "Help" function for detailed
explanations of the displayed items.

You will have to specify your monitor and the desired graphics
resolution on the "Resolution" page.
Please be sure that the information concerning your monitor is
correct and complete (particularly the scan rates) in order to
avoid damaging your monitor.
After you have selected resolution and monitor you have to
set these parameters by pressing the "Set" button.

If the standard resolutions are not sufficient for your
purposes or if your monitor is not listed in the monitor
database, press the "Add" button.
You will then be able to define custom resolutions and
monitor-parameters.

Use the "Installation" page to select the files to transfer to
your hard disk and to start the installation process. Use the
"Help" button in order to get further information. After
completion of the installation you have to shut down and reboot
your system. OS/2 WARP will start with the selected resolution.
If you have specified the "ELSA Resolution Manager" in the
installation procedure, you can use it for changing the
selected resolution.

MORE INFORMATION
--> X:\elsa\winner\1000T2D\V1_22\readme.txt
      where X is the CD ROM dirive

B8.2.1 OS/2 DEVICE DRIVER FOR THE S3 TRIO32/TRIO64/64+/V2 CHIP SETS

For example: E ist the Drive, os2\drivers\triov2 is the subdirectory where the target file is located

1. CREATE INSTALLATION DIRECTORY

- Open an OS/2 Window and change to e:\os2\drivers\triov2 and call triov2

2. RESTORING THE ORIGINAL VGA DRIVER

Use the restore option at system boot time (Alt+F1) and reset
the primary display to VGA. Consult your OS/2 manual
for further information.

You have to reboot the system for the change to take effect.

3. INSTALLATION

Open an OS/2 Window and change to c:\triov2
Call Setup
On the Monitor Configurationutility select Installing Using Defaults for Monitor Type
Press OK
Now on some type of screens it could be that you have a flicker, in this case wait one minute
and press the Enter key
Reboot

4. ACTIVATION

OS/2 System Folder
System Setup Folder
System Folder
System Properties (Screen)
Page 2 Select Philips Brilliance 1720 DC
Page 1 Selet 1024*768*256   75 Hz
Close
SVGA Utility: Press YES
Reboot

B8.3.1 MAXTOR PRODUKTIVA

INSTALLATION

These drivers can only be used under OS/2 WARP Version 3 and 4.

To guarantee a successful installation, be sure to have the
original VGA driver installed and active.

RESTORING THE ORIGINAL VGA DRIVER

Use the restore option at system boot time (Alt+F1) and reset the primary display to VGA.
Consult your OS/2 manual for further information.

You have to reboot the system for the change to take effect.

INSTALLATION OF THE MAXTOR DRIVERS VERSION:

Call the File maxtor which is located in the CD ROM Directory
\OS2\DRIVERS\MAXTOR

Open the new Desktop Icon (Double Click) MAG Settings, click on Resolution and change it
to 1024 x 768 x 256 and close this window

Reboot your system

B9 INSTALLATION PROCESS FOR OS2 IDE DRIVERS UPDATE

INTRODUCTION

FixPak 35 (FP35) for Warp 3 and FixPak 6 (FP6) for Warp 4 extended support for fixed Enhanced IDE drives to sizes up to 8.4GB and added new caching HPFS and FAT file system support for removable media drives such as SCSI Syquest Syjet 1.5GB portable hard drive and the Iomega jaz 1GB and 2GB personal hard drives.

This package contains updates to the support in FP35 and FP6, extending support to fixed Enhanced IDE drives greater than 8.4GB, fixing some problems, and adding additional documentation on removable media support. If you install or have installed fixpaks newer than FP38 or FP9 then this package is not required.

For Warp Server Advanced HPFS386 support of removable media, you additionally need LAN Server SelectPack IP_8508.

These fixpaks are available from http://ps.software.ibm.com/ under the link "Downloads and News." Install the fixpaks first, carefully following the instructions with the fixpaks; then follow the directions in this README to install this package.

If you are attempting to install Warp 3 or Warp 4 for the first time on a fixed hard drive greater than 4.3GB, then:

1. Follow the instruction on "Updating the Installation Diskettes" in this README and use the new diskettes to install Warp.

2. Install FP35 for Warp 3 or FP6 for Warp 4.

3. Follow the instructions in this README to install this package.

UPDATING A PREVIOUSLY INSTALLED WARP SYSTEM
_____

1. (Optional) Save the existing (old) level of drivers in your system.

a. Change Directory to the \os2\boot\ directory on your boot drive.

b. Rename the drivers (for example, where the boot drive is C:). The IBMATAPI.FLT driver may not have been previously installed.

```
[C:\os2\boot] rename IBM1S506.ADD  IBM1S506.ORG
[C:\os2\boot] rename IBMIDECD.FLT  IBMIDECD.ORG
[C:\os2\boot] rename OS2DASD.DMD  OS2DASD.ORG
[C:\os2\boot] rename IBMATAPI.FLT  IBMATAPI.ORG
```

2. Device Driver Install

o (Warp 3) Open the Device Driver Install program in the OS/2 System Folder/System Setup Folder.

o (Warp 4) Open the Device Driver Install program in the OS/2 System/System Setup/Install-Remove Folder.

3. Point the Device Driver Install file dialogue to the directory where you have placed the new files in this package.

4. Reboot the system.

MORE INFORMATION

X:\os2\drivers\ide\101398\readme.txt

B10   BIOS Y2K TESTPROGRAM

B10.1.1   IBM VERSION 4.1

- In the subdirectory x:\BIOSTEST\IBM\049 you will find the German version
- In the subdirectory x:\BIOS\IBMTEST\001 you will find the English version
- If you call the exe file under OS/2 , WIN or DOS a bootable floppy will be generated, follow the instructions there.
- Read the results on your monitor. If the program tells you your system is Year 2000 compliant, congratulation, if not go to the chapter for your AMU.

B10.2.1   NSTL VERSION 98.10.01

- Copy the File x:\BIOSTEST\NSTL\2000.exe to a floppy
- Boot your AMU PC to DOS with a DOS boot diskette (Ver3.2 or higher)
- Execute the 2000.EXE Program
- Agree to the question with „Y" (on German systems „Z")
- Read the results on your monitor. If the program tells you your system is Year 2000 compliant, congratulation, if not go to the chapter for your AMU.

B10.3.1   SNI VERSION 1.02

- Copy the File x:\BIOSTEST\SNI\BIOS2000.exe to a floppy
- Boot your AMU PC to DOS with a DOS boot diskette (Ver3.2 or higher)
- Execute the 2000.EXE Program
- Read the results on your monitor. If the program tells you your system is Year 2000 compliant, congratulation, if not go to the chapter for your AMU.

B11   ABBA/2, ABBA/E, ABBA/J CODES

→ \ABBASYS\ABBA?\........

You will find all the Robot Code on this CD under x:\ABBASYS\ABBA?\VERSION\

Where X is the CD Rom Drive, ABBA? is the Subdirectory for the different Systems like ABBA2 or ABBAE, Version is the Subdirectory for the different Releases, like 230G.

B12   REMOTE CONTROLL SOFTWARE
B12.1.1   KOPYKAT PATCH – UPGRADE FROM 1.X TO 1.21

READKK.TXT for KopyKat 1.1x through 1.2x

In the subdirectory x:\kopykat you will find it.

This patch will update KopyKat v1.1, v1.11 or v1.2 to v1.21. It contains the following improvments:

New features(1.2):

SPX/IPX support for connecting through Netware networks

Command line options for the Kopy side of the connection so you can automate calls made to the Kat machines.

An uninstall program has been added

Bug fixes:

Enhanced reliability through modems when connecting several times

Enhanced keyboard and mouse processing

Kat machine lockup problem fixed

Various other fixes and enhancements

File transfer problems

KKPATCH.ZIP is a PKZIP file that contains the following 4 files:

```
READKK.TXT    The file you are reading now.
OS2PATCH.EXE   The OS/2 patch program that applies the patch.
PATCH121.RTP   Data file for patch from 1.1 to 1.21
KKPATCH.CMD    Command file to run patch
```

The patch program will automatically make a backup of your files to a directory named BACKUP beneath your existing KOPYKAT directory.

To apply the patch to KopyKat 1.1x for OS/2:

1) Copy all 4 files to your KOPYKAT directory.

2) Close KopyKat as the patch will not work if Kopy or Kat are running.

3) At an OS/2 prompt, change to the directory where KopyKat is installed (CD\KOPYKAT) and type KKPATCH to run and apply the patch.

4) When the program finishes, run Kopy (or Kat)

5) To verify that the patch has been installed correctly, click Help on the menu bar and choose About. The version displayed should be 1.21.

If the patch program fails, just copy the files from the backup
directory, fix the problem that RTPatch reported, and
run the patch again. We have tested the patch program extensively
on several different systems, but it's not possible to duplicate every
possible configuration. If you are experiencing difficulty, please
give Hilgraeve Customer Support a call at (313)243-0576, and we will
be glad to assist you.

Running the patch a second time won't cause any damage. The patch
program is smart enough to know that the patch has already been
applied and, won't make any further changes.

The patch program will fail if required files are missing from
your KopyKat installation.

B12.2.1 VERSION 1.30 (UB00000) TO VERSION 1.33 (UB09900)

1.   Installation from CD

2.   Installation from Diskettes
2.1 Create Diskettes
2.2 Before Installation
2.3 Installation
2.4 More Information

1.   Installation from CD

This CSD contains all the fixes and enhancements contained in DCAF
1.31 CSD UB09800 and DCAF 1.32 CSD UB09850 plus additional fixes
and enhancements. This CSD can be applied either to DCAF 1.3 workstations
at CSD level UB00000 or to DCAF workstations at CSD level UB09800 or
to DCAF workstations at CSD level UB09850.

Before applying the CSD fixes, close all DCAF processes

call x:\dcaf\install

  select Option 1 (DCAF Update 1.33)

Window "Product information"
→ press the "OK" button

Window "Corrective Service Facility"
→ select the DCAF product, which is located on the drive C
For example:
"Distributed Console Access Facility-(UB00000)-<C:\DCAF13\SYSLEVEL.EQN>
→ press the "Service" button

 Window "Corrective Service Facility - Service"
→ Enter or change the optional backup path
For example: Backup path "C:\olddcaf130"
→ press the "OK" button

Window "Application is in use"
→ press the "Continue" button

The system is being serviced

Window "Corrective Service Facility Message"
→ Press the "Exit" button

Reboot

2.   Installation from Diskettes

2.1   Create Diskettes

For example: E is the drive, tools the subdirectory, where the file loaddskf.exe is.E is the drive dcaf and v133 are the subdirectories, where the imagefiles are, dcaf1331 is one of the files, from where you create the floppy.

> E:\tools\loaddskf E:\dcaf\v133\dcaf1331.dsk A: /f/y/q
> → Corrective Service Boot Diskette 1
> E:\tools\loaddskf E:\dcaf\v133\dcaf1332.dsk A: /f/y/q
> → Corrective Service Boot Diskette 2
> E:\tools\loaddskf E:\dcaf\v133\dcaf1333.dsk A: /f/y/q
> → Corrective Service Diskette 1
> E:\tools\loaddskf E:\dcaf\v133\dcaf1334.dsk A: /f/y/q
> → Corrective Service Diskette 2
> E:\tools\loaddskf E:\dcaf\v133\dcaf1335.dsk A: /f/y/q
> → Corrective Service Diskette 3

2.2   Before Installation

        Check the config.sys
Make sure that there are no entries in the config.sys for following environment variable
CSFCDROMDIR
CSFUTILPATH
        If there are entries in, remark it and reboot, to activate the changes before you install the fix

        You can check this also if you type in following into an OS/2 window
                set csfcdromdir
→ The answer should be
                csfcdromdir=(null)

                set csfutilpath
→ The answer should be
                csfutilpath=(null)

        If you get an answer like csfutilpath=c:\service , please remark this entry in the config.sys and reboot to make the changes activ.

2.3   Installation

        This CSD contains all the fixes and enhancements contained in DCAF
        1.31 CSD UB09800 and DCAF 1.32 CSD UB09850 plus additional fixes
        and enhancements. This CSD can be applied either to DCAF 1.3 workstations
        at CSD level UB00000 or to DCAF workstations at CSD level UB09800 or
        to DCAF workstations at CSD level UB09850.

        Before applying the CSD fixes, close all DCAF processes

        Insert the Corrective Service Boot Diskette 1into the drive a: and call a:service

        Window "Product information"
        → press the "OK" button

If you get the window "select source drive" select "A: External Drive" and press the "OK" button.
You get this window only if a CD-ROM is in, where the program service.exe is on.

        Follow the system instruction.

        Window "Corrective Service Facility"

→ select the DCAF product, which is located on the drive C
For example:
"Distributed Console Access Facility-(UB00000)-<C:\DCAF13\SYSLEVEL.EQN>
→ press the "Service" button

 Window "Corrective Service Facility - Service"
→ Enter or change the optional backup path
For example: Backup path "C:\olddcaf130"
→ press the "OK" button

Window "Application is in use"
→ press the "Continue" button

The system is being serviced

Follow the system instruction

Window "Corrective Service Facility Message"
→ Press the "Exit" button

Reboot

2.4   More Information

       More information are in the files "readme.1st" and "eqn_read.me" which are located
on the Corrective Service Diskette 1.

B12.2.2 VERSION 1.31 (UB09800) OR HIGHER TO VERSION 1.34 (UB09950)

This is a copy of "DCAF YEAR 2000 READY" feature. Please pay attention to the fact that installation is a subject to possession of a corresponding valid IBM license.
(Partnumber for license: 15A 230 256)

1.   Installation from CD

2.   Installation from Diskettes
       2.1 Create Diskettes
       2.2 Before Installation
       2.3 Installation
       2.4 More Information

1.   Installation from CD

      This CSD contains all the fixes and enhancements contained in DCAF
      1.32 CSD UB09850 , DCAF 1.33 CSD UB09900, plus additional fixes
      and enhancements. This CSD can be applied to DCAF workstations
      at CSD level UB09800 (V1.31) or later.

      Before applying the CSD fixes, close all DCAF processes

      call x:\dcaf\install

      Select Option 2 (DCAF 1.34)

      Window "Product information"
      → press the "OK" button

      Window "Corrective Service Facility"
      → select the DCAF product, which is located on the drive C
      For example:
      Distributed Console Access Facility - (UB09800)-<C:\DCAF13\SYSLEVEL.EQN>
      → press the "Service" button

      Window "Auto-commit products"
      → press the "Yes" button

      Window "Corrective Service Facility - Service"
      → Enter or change the optional backup path
      For example: Backup path "C:\olddcaf131"
      → press the "OK" button

      Window "Application is in use"
      → press the "Continue" button

      The system is being serviced

      Window "Corrective Service Facility Message"
      → Press the "Exit" button

      Reboot

2.   Installation from Diskettes

2.1   Create Diskettes

For example: E is the drive dcaf, v134 and disk1 are the subdirectories, where the files for the first floppy are located.

> xcopy e:\dcaf\v134\disk1*.* a: /h/o/t/s/e/r/v
> label a:
> sp disk 1
> → Corrective Service Boot Diskette 1

> xcopy e:\dcaf\v134\disk2*.* a: /h/o/t/s/e/r/v
> label a:
> sp disk 2
> → Corrective Service Boot Diskette 2

> xcopy e:\dcaf\v134\disk3*.* a: /h/o/t/s/e/r/v
> label a:
> csf disk 1
> → Corrective Service Diskette 1

> xcopy e:\dcaf\v134\disk4*.* a: /h/o/t/s/e/r/v
> label a:
> csf disk 2
> → Corrective Service Diskette 2

> xcopy e:\dcaf\v134\disk5*.* a: /h/o/t/s/e/r/v
> label a:
> dcafwin1
> → Corrective Service Diskette 3

2.2   Before Installation

Check the config.sys
Make sure that there are no entries in the config.sys for following environment variable
CSFCDROMDIR
CSFUTILPATH
If there are entries in, remark it and reboot, to activate the changes before you install the fix

You can check this also if you type in following into an OS/2 window
        set csfcdromdir
→ The answer should be
        csfcdromdir=(null)

        set csfutilpath
→ The answer should be
        csfutilpath=(null)

If you get an answer like csfutilpath=c:\service , please remark this entry in the config.sys and reboot to make the changes activ.

2.3   Installation

This CSD contains all the fixes and enhancements contained in DCAF
1.32 CSD UB09850 , DCAF 1.33 CSD UB09900, plus additional fixes
and enhancements. This CSD can be applied to DCAF workstations
at CSD level UB09800 (V1.31) or later.

Before applying the CSD fixes, close all DCAF processes

Insert the Corrective Service Boot Diskette 1into the drive a: and call a:service

Window "Product information"
→ press the "OK" button

If you get the window "select source drive" select "A: External Drive" and press the "OK" button.
You get this window only if a CD-ROM is in, where the program service.exe is on.

Follow the system instruction.

Window "Corrective Service Facility"
→ select the DCAF product, which is located on the drive C
For example:
"Distributed Console Access Facility-(UB09800)-<C:\DCAF13\SYSLEVEL.EQN>
→ press the "Service" button

Window "Auto-commit products"
→ press the "Yes" button

Window "Corrective Service Facility - Service"
→ Enter or change the optional backup path
For example: Backup path "C:\olddcaf13x", where x is the old version
→ press the "OK" button

Window "Application is in use"
→ press the "Continue" button

The system is being serviced

Follow the system instruction

Window "Corrective Service Facility Message"
→ Press the "Exit" button

Reboot

2.4   More Information

More information are in the files "readme.1st" and "eqn_read.me" which are located on the Corrective Service Diskette 1.

C. PROBLEMS AND SOLUTION

C1 PROBLEMS WITH OR AFTER THE INSTALLATION FROM OS/2 WARP FIXPACK'S

1. UNABLE TO OPEN ARCHIVE DIRECTORY

If you get a message about problems with the Archive
directory (for example, cannot find or unable to open),
then the most probable cause is that a previous Fixpak was
applied and the Fixpak ARCHIVE or BACKUP directory was
deleted.
--> Please check if following files exist

C:\OS2\INSTALL\LOGF0000.OS2
C:\OS2\INSTALL\LOGSTART.OS2
C:\OS2\INSTALL\LOGARCH.OS2

C:\MMOS2\INSTALL\LOGF0000.MPM
C:\MMOS2\INSTALL\LOGSTART.MPM
C:\MMOS2\INSTALL\LOGARCH.MPM

C:\CSF_SEL.000
C:\FIXSTART

If one or more files exists, rename them and try the
FixPak installation again. If it works, delete the
renamed files.
If some files are set to readonly please use
attrib -r "filename"

- OS/2 3.00
    For more information please see
    x:\OS2\XR_W039\XR_W039.DOC where X is the CD-ROM drive
- OS/2 4.00
    For more information please see
    x:\OS2\XR_M009\XR_M009.DOC where X is the CD-ROM drive

C2 PROBLEMS WITH GRAPHICS ADAPTER
1. ELSA WINNER 1000T2D

Problems after booting with SVGA
PC have to be powered off and on on the PC-Backside

→ SET back to VGA Mode

OS/2 Warp 3
--   OS/2 Warp 3.0 Fixpack XR_W039
              → B1.1
--   OS/2 DEVICE DRIVER FOR THE S3 Trio32/Trio64/64+/V2 CHIP SETS
                    → B8.2.1

OS/2 Warp 4
--   OS/2 Warp 4.0 Fixpack XR_M009
              → B2.1
--   OS/2 DEVICE DRIVER FOR THE S3 Trio32/Trio64/64+/V2 CHIP SETS
                    → B8.2.1

D1 GET INFORMATION ABOUT UPDATES

IF YOU NEED INFORMATION ABOUT UPDATES ABOUT

Year 2000 Komplience changes or about updates from this CD,
please send a email to juergen.sigloch@adic-grau.de
with the header "Y2K INFO AND CD UPDATES" and we will inform you
about changes.