

CONVERTING RADIO SHACK SOFTWARE  
FOR USE ON THE  
HARD DISK

This document describes the changes that are necessary for your Radio Shack Software to run on your hard disk system. It assumes that you have read and are generally familiar with the Hard Disk Operating System Reference Manual and the Hard Disk System Start-up Manual. You should also be familiar with your computer's Owners Manual.

This document is divided into four sections:

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## Introduction

The following programs do not require any changes to run on your hard disk:

General Ledger	26-1552
Profile	26-1562
SCRIPSIT Dictionary	26-1591 *
Editor/Assembler	26-2013 *
Fortran I	26-2201 *

Section One of this document describes how to move the application programs listed above to hard disk.

Section Two describes how to convert and modify the following BASIC programs for use on hard disk:

Inventory Control	26-1553
Accounts Payable	26-1554
Accounts Receivable	26-1555
Payroll	26-1556
Business Mailing List	26-1558
Manufacturing Inventory	26-1559
Fixed Asset Accounting	26-1560
Desktop/Plan-80	26-1594
Versafile (Model III)	26-1604

- \* SCRIPSIT Dictionary, Editor Assembler, and Model I Fortran require special instructions to move them to your hard disk. Instructions are located at the end of this documentation, Section Four.

Section Three explains how to convert and change the following machine-language programs for use on hard disk:

SCRIPSIT (Model I)	26-1563
SCRIPSIT (Model III)	26-1563
VISICALC I	26-1566
VISICALC III	26-1567
Enhanced VISICALC III	26-1569
SuperSCRIPSIT	26-1590
Fortran III	26-2200
COBOL	26-2203
Compiler BASIC	26-2204

Section Four describes the special conversion instructions needed for SCRIPSIT Dictionary, Editor Assembler, and Fortran (Model I).

**Important:** The current versions of the following software will **not** work on your hard disk system:

Business Checkwriter	26-1585
Checkwriter-80	26-1584
Versafire (Model I only)	26-1604
Videotex	26-2220

The following software requires a new version to be able to work on your hard disk. See your Radio Shack dealer for availability:

Project Manager	26-1580
Personnel Manager	26-1581
Time Manager	26-1582
PROFILE III Plus	26-1592

**Notes:**

1. The changes given in this document may not work for a program that has been modified, unless the modifications were issued by Radio Shack.
2. **Do not** use the hard disk type-ahead feature (\*KI) with any of your application packages.
3. Your applications manual may instruct you to make several data diskettes. This is not necessary since your files will be stored on the hard disk.

4. Be sure to use the most current version of your application. Most programs display their version number when they start-up. However, some BASIC applications list the version number inside the program. Section two explains how to find these version numbers.
5. Be sure to backup all TRSDOS diskettes prior to conversion. Write-protect the backup copies, and use them for the conversion. You can still use your TRSDOS diskettes if you wish to operate under TRSDOS.
6. When running some programs for the first time, you may be prompted to enter the drive numbers to be used for storing the data. Answer this prompt in the same manner as if you were running the program on a floppy diskette system.
7. When transferring your applications to hard disk, do not transfer any of the following files:

MEMTEST/CMD	CONVERT/CMD	XFERSYS/CMD
HERTZ50/BLD	BASIC/CMD	LPC/CMD

It is very important that BASIC/CMD not be copied from your TRSDOS application diskette, since this will overwrite the hard disk BASIC.

If one of the other files is accidentally copied over, simply "kill" it. Use the following command from LDOS Ready:

KILL filespec

If the file is protected with a password, use this command:

KILL filespec.LDOSOKVS

**Section One / Programs That Do Not Need Changes**

Transfer your application to hard disk using the following procedure:

With the application diskette in floppy Drive 4, use the following command to transfer the files to hard disk. At LDOS Ready:

If the diskette is labeled PROGRAM or Drive 0, type  
Model III: CONV :4 :0 (VIS,Q=N) <ENTER>  
Model I: BACKUP :4 :0 (VIS) <ENTER>

If the diskette is labeled DATA or Drive 1, type:  
Model III: CONV :4 :1 (VIS,Q=N) <ENTER>  
Model I: BACKUP :4 :1 (VIS) <ENTER>

If the diskette is labeled Drive 2, type:  
Model III: CONV :4 :2 (VIS,Q=N) <ENTER>  
Model I: BACKUP :4 :2 (VIS) <ENTER>

If the diskette is labeled Drive 3, type:  
Model III: CONV :4 :3 (VIS,Q=N) <ENTER>  
Model I: BACKUP :4 :3 (VIS) <ENTER>

When the process is complete, your hard disk contains your application program and data.

**Important**

Be extremely careful with the Model I BACKUP utility. Never use BACKUP without the VIS option and/or the QUERY option. It is possible to overwrite the Hard Disk Operating System with the TRSDOS system if caution is not used.

## Running BASIC Programs

If you have an application program written in the BASIC language, you need to load it somewhat differently with LDOS.

Most instructions for loading a BASIC program ask that you load BASIC and then answer a How Many Files? and Memory Size? question. For example, this might appear in the application manual for loading a BASIC program named PAYROLL/BAS:

```
At the TRSDOS Ready prompt type:
  BASIC <ENTER>
  How Many Files? 4 <ENTER>
  Memory Size? 61400 <ENTER>
  Ready
  >RUN "PAYROLL/BAS"
```

With LDOS, you specify the files and memory size as part of the command to load BASIC. For example, this is how to load the above program with LDOS:

```
At the LDOS Ready prompt, type:
  BASIC (FILES=4, MEM=61400) <ENTER>
  Ready
  >RUN "PAYROLL/BAS"
```

If the application manual says to answer How Many Files? and Memory Size? by simply pressing <ENTER>, this is how to load the program with LDOS:

```
BASIC <ENTER>
Ready
>RUN "PAYROLL/BAS"
```

or:

```
BASIC RUN "PAYROLL/BAS"
```

If the application program asks you to answer the Files? prompt with a number followed by a "V", type only the number and omit the V. For example, if the manual asks you to specify the Files as 4V, simply specify 4 files.

## Section Two / Moving BASIC Application Programs to Hard Disk

Before transferring any programs to hard disk, you will need to compare the version number of your software against the number given in this document. The following describes how to locate the version number for your application.

If they do not match, you will need to get a current version of your application from your Radio Shack dealer before proceeding.

**Accounts Receivable, Accounts Payable, Business Mailing List, Fixed Asset Accounting, Inventory Control, Manufacturing Inventory:**

Unless otherwise specified, the version number is on the first line of the listing. To see this, type at TRSDOS Ready:

```
BASIC <ENTER>
How Many Files? <ENTER>
Memory Size? <ENTER>
LOAD "filespec" <ENTER>
LIST <ENTER>
```

and press the break key when the first few lines of the program is listed on your video screen. Now compare the version number to the one given in this document.

### **Payroll:**

If your program requires you to enter a 5 for How Many Files?, you do not have a current version of this program. With the current version, you only press <ENTER> to default to three files.

### **Desktop/Plan-80, Versafire Model III:**

Your program has only one version available.

### Changing a BASIC Application Program

Changing a BASIC computer program is as easy as typing on a typewriter. At LDOS Ready, type:

BASIC <ENTER>

At BASIC Ready > prompt, type:

LOAD "filename" <ENTER>

if the program you want to change is in Drive Ø, or

LOAD "filename/ext:d" <ENTER>

if the program you want to change is in any drive other than Drive Ø (filename, an optional three letter extension, plus a colon and a drive number, for example NAME:l).

The syntax to change or add a program line is:

program-line-number new-program-line <ENTER>

For example: 1ØØ GOTO21Ø <ENTER>

The new line 1ØØ will be stored over the old line.

After you have made all the necessary changes, you must save the corrected program. Type:

SAVE "filename" <ENTER>

if the program was on Drive Ø, or

SAVE "filename/ext:d" <ENTER>

if the program was on another drive (filename, an optional three letter extension, plus a colon and a drive number, for example NAME:l).



After you saved the file you may need to return to LDOS Ready to rename some files. To return to LDOS Ready, type:

CMD"S"

To rename a file, from LDOS Ready type:

RENAME old-filename TO new-filename <ENTER>

The passwords you used when running some of your application packages were removed during the transfer procedure. In these cases you are told under the affected application program which files you must add passwords. To do this, you use the ATTRIB command from LDOS Ready:

ATTRIB filespec (ACC=password,UPD=password)

where the filespec will be given if it is necessary, and password is the password you used when running the application. Both passwords must be identical. Also, the passwords set must be the same for all files within the package.

#### NOTES:

1. Program lines must be entered exactly as printed in the change document -- spaces, where shown, are required.
2. If changes are required, make them before transferring another application to your hard disk.

**Transfer and change only one application program at a time.**

This is because some of Radio Shacks application programs use the same filename for data files. If the changes are not made prior to another program being transferred, you may lose some files.

**INVENTORY CONTROL (26-1553)**  
**Version 3.0 only**

**Conversion Procedure:** With the application diskette in floppy Drive 4, use the following command to transfer the files to hard disk.

If the diskette is labeled PROGRAM or Drive 0, type

Model III: CONV :4 :0 (VIS,Q=N) <ENTER>

Model I: BACKUP :4 :0 (VIS) <ENTER>

If the diskette is labeled DATA or Drive 1, type:

Model III: CONV :4 :1 (VIS,Q=N) <ENTER>

Model I: BACKUP :4 :1 (VIS) <ENTER>

If the diskette is labeled Drive 2, type:

Model III: CONV :4 :2 (VIS,Q=N) <ENTER>

Model I: BACKUP :4 :2 (VIS) <ENTER>

If the diskette is labeled Drive 3, type:

Model III: CONV :4 :3 (VIS,Q=N) <ENTER>

Model I: BACKUP :4 :3 (VIS) <ENTER>

When the process is complete, your hard disk contains your application program and data.

**Changes Needed:**

If you transferred existing data to your hard disk, you must apply the password back to your files: \*

ATTRIB INDEXFIL (ACC=password,UPD=password) <ENTER>

ATTRIB DATAFILE (ACC=password,UPD=password) <ENTER>

ATTRIB INFOFILE (ACC=password,UPD=password) <ENTER>

ATTRIB STOCKNUM (ACC=password,UPD=password) <ENTER>

ATTRIB SALEDATA (ACC=password,UPD=password) <ENTER>

\* Be sure to use the password you used when running the program under TRSDOS. All passwords within the program must be identical. Also, the passwords set must be the same for all files within the package.

**ACCOUNTS PAYABLE (26-1554)**  
**Version 3.1 only**

**Conversion Procedure:** With the application diskette in floppy Drive 4, use the following command to transfer the files to hard disk.

If the diskette is labeled PROGRAM or Drive Ø, type

Model III: CONV :4 :Ø (VIS,Q=N) <ENTER>

Model I: BACKUP :4 :Ø (VIS) <ENTER>

If the diskette is labeled DATA or Drive 1, type:

Model III: CONV :4 :1 (VIS,Q=N) <ENTER>

Model I: BACKUP :4 :1 (VIS) <ENTER>

If the diskette is labeled Drive 2, type:

Model III: CONV :4 :2 (VIS,Q=N) <ENTER>

Model I: BACKUP :4 :2 (VIS) <ENTER>

If the diskette is labeled Drive 3, type:

Model III: CONV :4 :3 (VIS,Q=N) <ENTER>

Model I: BACKUP :4 :3 (VIS) <ENTER>

When the process is complete, your hard disk contains your application program and data.

**Changes Needed:**

**Filename: APS**

Make the following changes to the Accounts Payable program.

Change line 35 to read:

```
35 DATA26,ADD INVOICES,INVOICES,18,X,X,26,POST
INVOICES,APPOST,14,"    REPORTS",APREPORT,2,
"    CHECKS",CHECKS,9,END OF PERIOD,APPROC,12,SORTING
VENDORS,APSORT
```

Change line 255 to read:

```
255 VP$="INDEX"+P$:VD$="VENDATA"+P$:VG$="APGLFILE"+P$:VS$=
"COMDATA"+P$:VT$="INVDATA"+P$:GOTO49
```

**ACCOUNTS PAYABLE continued****Filename: SETUP**

Make the following changes to the Setup program.

Change line 81 to read:

```
81 VP$= "INDEX"+P$+"1":VD$="VENDATA"+P$+"1":VG$="APGLFILE"  
+P$+"1": VV$="COMDATA"+P$+"1":VT$="INVDATA"+P$+FP$:  
IFQ$="I"THEN TP$="INVDATA"+P$+"1":OPEN"R",1,TP$:CLOSE 1:KILL  
TP$:RETURN ELSE RETURN
```

At LDOS Ready rename these files:

```
RENAME REPORTS TO APREPORT  
RENAME PROCESS TO APPROC  
RENAME SETUP TO APSETUP  
RENAME POST TO APPOST
```

If you transferred existing data:

```
RENAME GLFILE TO APGLFILE
```

If you transferred existing data to your hard disk, you must also apply the password back to your files: \*

```
ATTRIB INDEX (ACC=password,UPD=password) <ENTER>  
ATTRIB VENDATA (ACC=password,UPD=password) <ENTER>  
ATTRIB APGLFILE (ACC=password,UPD=password) <ENTER>  
ATTRIB COMDATA (ACC=password,UPD=password) <ENTER>  
ATTRIB INVDATA (ACC=password,UPD=password) <ENTER>
```

\* Be sure to use the password you used when running the program under TRSDOS. All passwords within the program must be identical. Also, the passwords set must be the same for all files within the package.

**To Execute:**

```
Setup: BASIC RUN "APSETUP"  
APS: BASIC RUN "APS"
```

**ACCOUNTS RECEIVABLE (26-1555)**  
**Version 3.1 only**

**Conversion Procedure:** With the application diskette in floppy Drive 4, use the following command to transfer the files to hard disk.

If the diskette is labeled PROGRAM or Drive 0, type

Model III: CONV :4 :0 (VIS,Q=N) <ENTER>

Model I: BACKUP :4 :0 (VIS) <ENTER>

If the diskette is labeled DATA or Drive 1, type:

Model III: CONV :4 :1 (VIS,Q=N) <ENTER>

Model I: BACKUP :4 :1 (VIS) <ENTER>

If the diskette is labeled Drive 2, type:

Model III: CONV :4 :2 (VIS,Q=N) <ENTER>

Model I: BACKUP :4 :2 (VIS) <ENTER>

If the diskette is labeled Drive 3, type:

Model III: CONV :4 :3 (VIS,Q=N) <ENTER>

Model I: BACKUP :4 :3 (VIS) <ENTER>

When the process is complete, your hard disk contains your application program and data.

**Changes Needed:**

**Filename: ARS**

Make the following changes to the Accounts Receivable program.

Change line 1900 to read:

```
1900 CLS:IF U<>0 THEN PRINT@464,"UNPOSTED TRANSACTIONS IN  
SYSTEM":GOSUB2600:GOTO230 ELSE PRINT@468,"END OF PERIOD  
PROCESSING":GOSUB240:RUN"ARPROC"
```

**ACCOUNTS RECEIVABLE continued**

Change line 191Ø to read:

```
191Ø CLS:PRINT@476,"REPORTS":GOSUB24Ø:RUN"ARREPORT"
```

Change line 256Ø to read:

```
256Ø PI$="CUSINDEX"+P$:PD$="CUSDATA"+P$:PS$="CUSSETUP"+P$:  
PT$="TRANSACT"+P$:PG$="ARGLFILE"+P$:RETURN
```

**Filename: SETUP**

Make the following changes to the Setup program.

Change line 47Ø to read:

```
47Ø PI$="CUSINDEX"+P$:PD$="CUSDATA"+P$:PT$="TRANSACT"+P$:  
PS$="CUSSETUP"+P$:PG$="ARGLFILE"+P$:IFPD=2THENMID$  
(PT$,LEN(PT$),1)="2":RETURNELSERETURN
```

At LDOS Ready rename these files:

```
RENAME REPORTS TO ARREPORT  
RENAME PROCESS TO ARPROC  
RENAME SETUP TO ARSETUP
```

If you transferred existing data:

```
RENAME GLFILE TO ARGLFILE
```

**ACCOUNTS RECEIVABLE continued**

If you transferred existing data to your hard disk, you must also apply the password back to your files: \*

```
ATTRIB CUSINDEX (ACC=password,UPD=password) <ENTER>
ATTRIB CUSDATA  (ACC=password,UPD=password) <ENTER>
ATTRIB ARGLFILE (ACC=password,UPD=password) <ENTER>
ATTRIB CUSSETUP (ACC=password,UPD=password) <ENTER>
ATTRIB TRANSACT (ACC=password,UPD=password) <ENTER>
```

\* Be sure to use the password you used when running the program under TRSDOS. All passwords within the program must be identical. Also, the passwords set must be the same for all files within the package.

**To Execute:**

```
Setup:  BASIC RUN "ARSETUP"
ARS:    BASIC RUN "ARS"
```

**PAYROLL (26-1556)**  
**Current Version only**

**Conversion Procedure:** With the application diskette in floppy Drive 4, use the following command to transfer the files to hard disk.

If the diskette is labeled PROGRAM or Drive 0, type  
Model III: CONV :4 :0 (VIS,Q=N) <ENTER>  
Model I: BACKUP :4 :0 (VIS) <ENTER>

If the diskette is labeled DATA or Drive 1, type:  
Model III: CONV :4 :1 (VIS,Q=N) <ENTER>  
Model I: BACKUP :4 :1 (VIS) <ENTER>

If the diskette is labeled Drive 2, type:  
Model III: CONV :4 :2 (VIS,Q=N) <ENTER>  
Model I: BACKUP :4 :2 (VIS) <ENTER>

If the diskette is labeled Drive 3, type:  
Model III: CONV :4 :3 (VIS,Q=N) <ENTER>  
Model I: BACKUP :4 :3 (VIS) <ENTER>

When the process is complete, your hard disk contains your application program and data.

**Changes Needed:**

**Filename: PAYROLL**

Make the following change to the PAYROLL program.

Change line 120 to read:

```
120 IF IN$="P"THENRUN"PR4INPUT"ELSEIFIN$="R"THEN  
RUN"PR4RPTS"ELSEIFIN$="M"THENRUN"MAINT"
```

**Filename: PR4CHK**

Make the following change to the PR4CHK program.

Change line 8120 to read:

```
8120 RUN"PR4RPTS"
```



**PAYROLL continued****Filename: PR4RGST**

Make the following changes to the PR4RGST program.

Change line 135 to read:

```
135 PRINT@274,"ENTER REPORT DATE OR":  
PRINTTAB(18)"ENTER @ TO RETURN TO REPORTS MENU":  
PRINTTAB(18)"";:FL=30:GOSUB5:IFIN$="@ "THENRUN"PR4RPTS"ELSE  
D$=IN$
```

Change line 9000 to read:

```
9000 CLOSE:FORZ=1TO(66-LC%):LPRINT"  ":NEXT:RUN"PR4RPTS"
```

**Filename: PR4JNL**

Make the following change to the PR4JNL program.

Change line 9280 to read:

```
9280 RUN"PR4RPTS"
```

**Filename: PR4TC**

Make the following change to the PR4TC program.

Change line 9100 to read:

```
9100 CLOSE:RUN"PR4RPTS"
```

**Filename: PR4EMPL**

Make the following change to the PR4EMPL program.

Change line 9000 to read:

```
9000 CLOSE:RUN"PR4RPTS"
```

**PAYROLL continued**

Rename the following file at LDOS Ready:

**RENAME REPORTS TO PR4RPTS**

**To Execute: BASIC RUN "PAYROLL"**

**BUSINESS MAILING LIST (26-1558)**  
**Version 3.0 only**

**Conversion Procedure:** With the application diskette in floppy Drive 4, use the following command to transfer the files to hard disk.

If the diskette is labeled PROGRAM or Drive 0, type

Model III: CONV :4 :0 (VIS,Q=N) <ENTER>

Model I: BACKUP :4 :0 (VIS) <ENTER>

If the diskette is labeled DATA or Drive 1, type:

Model III: CONV :4 :1 (VIS,Q=N) <ENTER>

Model I: BACKUP :4 :1 (VIS) <ENTER>

If the diskette is labeled Drive 2, type:

Model III: CONV :4 :2 (VIS,Q=N) <ENTER>

Model I: BACKUP :4 :2 (VIS) <ENTER>

If the diskette is labeled Drive 3, type:

Model III: CONV :4 :3 (VIS,Q=N) <ENTER>

Model I: BACKUP :4 :3 (VIS) <ENTER>

When the process is complete, your hard disk contains your application program and data.

**Changes Needed:**

**Filename: MLS**

Make the following changes to the Business Mailing List program.

Add line 91:

```
91 I=3:N=22:GOSUB4000:N=53:GOSUB4000:N=121:GOSUB4000:
I=1:N=46:GOSUB 4000:N=131:GOSUB4000:I=5:N=127:GOSUB4000:
N=159:GOSUB4000
```

Add line 4000:

```
4000 MID$(PS$,N,2)=CHR$(CP(I)-(INT(CP(I)/256)*256))
+CHR$(CP(I)/256):RETURN
```

**BUSINESS MAILING LIST continued**

Change line 4500 to read:

```
4500 CP(1)=PEEK(&H4DFF)*256+PEEK(&H4DFE):FORI=2TO6:CP(I)  
=CP(I-1)+1:NEXTI:RETURN
```

Change line 5000 to read:

```
5000 GOTO4500
```

**To Execute:**

```
Setup:    BASIC RUN "SETUP"  
MLS:      BASIC RUN "MLS"
```

**MANUFACTURING INVENTORY CONTROL (26-1559)****Version 3.0 only**

When the conversion process is complete, your hard disk contains your application programs and some of the data files. Other data must remain on a floppy diskette in Drive 4. If you are running Manufacturing Inventory for the first time, you must have an LDOS formatted diskette in Drive 4 when running this package.

**Conversion Procedure:** With the application diskette in floppy Drive 4, use the following command to transfer the files to hard disk.

If the diskette is labeled PROGRAM or Drive 0, type  
Model III:        CONV :4 :0 (VIS) <ENTER>  
Model I:         BACKUP :4 :0 (VIS,QUERY) <ENTER>

Answer <Y> to the following files only:

MFGINV	RMMAINT	FGMAINT
REPORT1	REPORT2	MFGINIT

The data files on the Drive 0 diskette must remain on floppy diskette:

Format an LDOS data diskette for each program diskette which contains finished goods data. To format a diskette, place a blank diskette into Drive 4 and type:

FORMAT :4 (Q=N) <ENTER>

Next, place your TRSDOS Manufacturing Inventory Program Drive 0 diskette into Drive 5. Type:

Model III:        CONV :5 :4 (VIS) <ENTER>  
Model I:         BACKUP :5 :4 (VIS) <ENTER>

Repeat this procedure for each Drive 0 diskette.

**MANUFACTURING INVENTORY CONTROL continued**

If the diskette is labeled DATA or Drive 1, type:

Model III: CONV :4 :1 (VIS,Q=N) <ENTER>

Model I: BACKUP :4 :1 (VIS) <ENTER>

If the diskette is labeled Drive 2, type:

Model III: CONV :4 :2 (VIS,Q=N) <ENTER>

Model I: BACKUP :4 :2 (VIS) <ENTER>

If the diskette is labeled Drive 3, type:

Model III: CONV :4 :3 (VIS,Q=N) <ENTER>

Model I: BACKUP :4 :3 (VIS) <ENTER>

**Changes Needed:****Filename: MFGINV**

Make the following change to Manufacturing Inventory.

Change line 10040 to read:

10040 CLOSE4:OPEN"I",4,"FGMAST:4":INPUT#4,D\$,NF,KA

**Filename: REPORT1**

Make the following changes to the REPORT1 program file.

Change line 1500 to read:

1500 CLOSE4:E=0:ONERRORGOTO13000:OPEN"I",4,"FGMAST:4":  
ONERRORGOTO12000:IFE=1THENGOSUB14000:RETURN

Change line 4005 to read:

4005 CLOSE4:E=0:ONERRORGOTO13000:OPEN"I",4,"FGMAST:4":  
ONERRORGOTO12000:IFE=1THENGOSUB14000:RETURN

**Filename: REPORT2**

Make the following change to the REPORT2 program file.

Change line 10080 to read:

10080 CLOSE4:E=0:NF=0:ONERRORGOTO13000:OPEN"I",4,"FGMAST:4":  
ONERRORGOTO12000:IFE=1THENRETURNELSEINPUT#4,D\$,NF,KA

**MANUFACTURING INVENTORY CONTROL continued****Filename: FGMAINT**

Make the following changes to the FGMAIN program file.

Change the following lines to read:

500 ONERRORGOTO600:CLOSE4:OPEN"I",4,"FGMAST:4"

710 OPEN"O",4,"FGMAST:4"

750 CLOSE4:KILL"FGMAST:4":OPEN"O",4,"FGMAST:4"

3100 IFKX=0THENLF\$="F0000000/FG.VC:4":KA=20

3220 CLOSE4:KILL"FGMAST:4"

3230 OPEN"O",4,"FGMAST:4"

**Filename: MFGINIT**

Make the following change to the MFGINIT program.

Change line 2106 to read:

2106 CLOSE:OPEN"O",1,"FGMAST:4":PRINT#1,"F0000000/FG.VC";",",  
;0;20:CLOSE

**To Execute:**

Setup: BASIC (FILES=4) <ENTER>  
RUN "MFGINIT"

Run: BASIC (FILES=4) <ENTER>  
RUN "MFGINV"

**FIXED ASSET ACCOUNTING (26-1560)**  
**Version 1.0 only**

**Conversion Procedure:** With the application diskette in floppy Drive 4, use the following command to transfer the files to hard disk.

If the diskette is labeled PROGRAM or Drive 0, type  
Model III: CONV :4 :0 (VIS,Q=N) <ENTER>  
Model I: BACKUP :4 :0 (VIS) <ENTER>

If the diskette is labeled DATA or Drive 1, type:  
Model III: CONV :4 :1 (VIS,Q=N) <ENTER>  
Model I: BACKUP :4 :1 (VIS) <ENTER>

If the diskette is labeled Drive 2, type:  
Model III: CONV :4 :2 (VIS,Q=N) <ENTER>  
Model I: BACKUP :4 :2 (VIS) <ENTER>

If the diskette is labeled Drive 3, type:  
Model III: CONV :4 :3 (VIS,Q=N) <ENTER>  
Model I: BACKUP :4 :3 (VIS) <ENTER>

When the process is complete, your hard disk contains your application program and data.

**Changes Needed:**

**Filename: FA**

Make the following change to the Fixed Asset Accounting program.

Change line 460 to read:

```
460 IF IN$="@ "THEN1180ELSEIFIN$="S "THEN470ELSEIFIN$="T "THEN  
CLOSE:RUN"FAPOST"ELSEIFIN$="R "THENCLOSE:RUN"FAREPORT"ELSE  
IFIN$="M "THEN500ELSE440
```



**FIXED ASSET ACCOUNTING continued****Filename: PRTRPT**

Make the following change to PRTRPT program.

Change line 1080 to read:

1080 RUN"FAREPORT"

**Filename: REPORT2**

Make the following change to the REPORT2 program.

Change line 1230 to read:

1230 CLOSE:RUN"FAREPORT"

**Filename: REPORTS**

Make the following change to the REPORTS program.

Change line 540 to read:

540 IFIN\$="J"THENCLOSE:RUN"FAPORT2"ELSEIFIN\$="T"THENJN=1ELSE  
IFIN\$="L"THENJN=2ELSEIFIN\$="D"THENJN=3ELSEIFIN\$="S"THEN1500  
ELSE520

Rename the following files at LDOS Ready:

RENAME POST TO FAPOST  
RENAME REPORTS TO FAREPORT  
RENAME REPORT2 TO FAPORT2

**To Execute:**

BASIC (FILES=5) <ENTER>  
RUN "FA"

DESKTOP/PLAN-8Ø (26-1594)  
Version 1.Ø

**Conversion Procedure:** With the application diskette in floppy Drive 4, use the following command to transfer the files to hard disk.

If the diskette is labeled PROGRAM or Drive Ø, type  
CONV :4 :Ø (VIS,Q=N) <ENTER>

If the diskette is labeled DATA or Drive 1, type:  
CONV :4 :1 (VIS,Q=N) <ENTER>

If the diskette is labeled Drive 2, type:  
CONV :4 :2 (VIS,Q=N) <ENTER>

If the diskette is labeled Drive 3, type:  
CONV :4 :3 (VIS,Q=N) <ENTER>

When the process is complete, your hard disk contains your application program and data.

#### Changes Needed:

**Filename:** EXECUTE

Make the following changes to the EXECUTE program.

Change line 267Ø to read:

267Ø DN=VAL(CE\$):IF DN<Ø OR DN>7 THEN 271

Change line 268Ø to read:

268Ø CMD "DIR :"+LEFT\$(CE\$,1)

Change line 269Ø to read:

269Ø REM

Change line 27ØØ to read:

27ØØ REM

**DESKTOP/PLAN-80 continued**

Change line 3135 to read:

3135 DN=VAL(CE\$):IF DN<0 OR DN>7 THEN 3180

Change line 3140 to read:

3140 CMD "DIR :"+LEFT\$(CE\$,1)

Change line 3150 to read:

3150 REM

Change line 3160 to read:

3160 REM

Change line 3170 to read:

3170 REM

**Filename: VALUES**

Make the following changes to the VALUES program.

Change line 2860 to read:

2860 DN=VAL(CE\$):IF DN<0 OR DN>7 THEN 2900

Change line 2870 to read:

2870 CMD "DIR :"+LEFT\$(CE\$,1)

Change line 2880 to read:

2880 REM

Change line 2890 to read:

2890 REM

**Filename: DESC**

Make the following changes to the DESC program.

Change line 3230 to read:

3230 DN=VAL(CE\$):IF DN<0 OR DN>7 THEN 3270

**DESKTOP/PLAN-80 continued**

Change line 3240 to read:  
3240 CMD "DIR :"+LEFT\$(CE\$,1)

Change line 3250 to read:  
3250 REM

Change line 3260 to read:  
3260 REM

**Filename: RULES**

Make the following changes to the RULES program.

Change line 6010 to read:  
6010 DN=VAL(CE\$):IF DN<0 OR DN>7 THEN 6050

Change line 6020 to read:  
6020 CMD "DIR :"+LEFT\$(CE\$,1)

Change line 6030 to read:  
6030 REM

Change line 6040 to read:  
6040 REM

**To Execute:**

You cannot use the DO START/BLD as described in your DESKTOP/PLAN-80 manual. You must kill this file off of the hard disk. At LDOS Ready, type:

KILL START/BLD

To run DESKTOP/PLAN-80, type:

BASIC RUN "MENU"

VERSAFILE Model III only (26-1604)  
Version 3.0 Model III

**Conversion Procedure:** With the application diskette in floppy Drive 4, use the following command to transfer the files to hard disk.

If the diskette is labeled PROGRAM or Drive 0, type  
CONV :4 :0 (VIS,Q=N) <ENTER>

If the diskette is labeled DATA or Drive 1, type:  
CONV :4 :1 (VIS,Q=N) <ENTER>

If the diskette is labeled Drive 2, type:  
CONV :4 :2 (VIS,Q=N) <ENTER>

If the diskette is labeled Drive 3, type:  
CONV :4 :3 (VIS,Q=N) <ENTER>

When the process is complete, your hard disk contains your application program and data.

**Changes Needed:**

**Filename:** VERSA

Make the following changes to the VERSA program.

65 SB=PEEK(&H4DFF)\*256+PEEK(&H4DFE)

115 SB=PEEK(&H4DFF)\*256+PEEK(&H4DFE)

**To Execute:**

BASIC RUN"VERSA" <ENTER>

### Section Three / Changes to Machine-Language Programs

The following machine language programs require patches to make them work with your hard disk.

#### Important

1. The software version numbers are given when your package starts up.
2. When transferring your programs to hard disk, do not transfer any of the following files:

MEMTEST/CMD	CONVERT/CMD	XFERSYS/CMD
HERTZ50/BLD	BASIC/CMD	LPC/CMD

It is very important that BASIC/CMD not be copied over from your TRSDOS application, since this will overwrite the hard disk BASIC.

If one of the other files is accidentally copied over, simply "kill" it. Use the following command from LDOS Ready:

KILL filespec

If the file is protected with a password, use this command:

KILL filespec.LDOSOKVS

RSCOBOL (26-2203)  
Version 1.3B only

**Model III Conversion Procedure:** With the application diskette in floppy Drive 4, use the following command to transfer the files to hard disk.

To transfer the RSCOBOL programs, type:  
CONV :4 :Ø <ENTER>

Answer <Y> to the following files, and to any other files you want transferred to hard disk:

RSCOBOL/CMD	RSCBLD13/OBJ	RUNCOBOL/CMD *
CEDIT/CMD	RSCBL213/OBJ	UPGRADE/CMD *
RSCBL313/OBJ	RSCBL413/OBJ	

If you have programs stored on other diskettes, use the following command:

CONV :4 :1 (VIS,Q=N) <ENTER>

When the process is complete your hard disk contains your application program and data.

**Model I Conversion Procedure:** You must use a special conversion program to move RSCOBOL to your hard disk.

At LDOS Ready type: BASIC <ENTER>

When the BASIC Ready prompt appears, type:

RUN "COPY23B/BAS"

The program asks for a source filespec. Enter one of the names in the list given above in "Model III Conversion" in this form:

filespec.LDOSOKVS:d

for example: RSCOBOL/CMD.LDOSOKVS:4 if the application diskette is in floppy Drive 4.

\* Model I Users: RUNCOBOL/CMD and UPGRADE/CMD are on your Runtime Diskette.

**RSCOBOL continued**

It then asks for the destination filespec, enter the same filespec in this form:

filespec:d

For example: RSCOBOL/CMD:Ø if you want the program to go to Drive Ø.

Repeat this procedure for each of the filenames listed in "Model III Conversion."

**Changes Needed:**

At LDOS Ready, type in the following command lines (press <ENTER> at the end of each line):

Version 1.3B -- This is the patch to RSCOBOL Compiler for Models I and III, filename: RSCOBOL.

```
PATCH RSCOBOL(X'A196'=4F)
PATCH RSCOBOL(X'A1D8'=5Ø)
PATCH RSCOBOL(X'9A4F'=D2)
PATCH RSCOBOL(X'9A5A'=3E C9 32 ØC AØ ØØ)
PATCH RSCOBOL(X'9BØ2'=CD Ø4 52)
PATCH RSCOBOL(X'52Ø4'=16 ØØ 78 B7 CA 2D 4Ø C3 51 9C)
```

Version 1.3B -- This is the patch to RSCOBOL Runtime package for Models I and III, filename: RUNCOBOL.

```
PATCH RUNCOBOL(X'AE6B'=4F)
PATCH RUNCOBOL(X'AE7E'=5Ø)
PATCH RUNCOBOL(X'9B38'=38)
PATCH RUNCOBOL(X'9B4A'=3E C9 32 BØ A9 ØØ)
```

Version 1.3B -- This is the patch to RSCOBOL Editor for Models I and III, filename: CEDIT.

```
PATCH CEDIT(X'5832'=3E CØ 32 13 5C ØØ ØØ ØØ ØØ ØØ ØØ)
PATCH CEDIT(X'5CØ5'=C3)
```



**RSBASIC (26-2204)**  
**Version 2.4 only**

**Model III Conversion Procedure:** With the application diskette in floppy Drive 4, use the following command to transfer the files to hard disk.

To transfer the RSBASIC programs, type:

CONV :4 :Ø <ENTER>

Answer <Y> to the following files, and to any other files you want transferred to hard disk:

RSBASIC/CMD	RSBASIC/LIB	RUNBASIC/CMD *
BEDIT/CMD	RSBASIC/LIO	RUNBASIC/OVL *
RSBASIC/OLF		

If you have programs stored on other diskettes, use the following command:

CONV :4 :1 (VIS,Q=N) <ENTER>

When the process is complete, your hard disk contains your application program and data.

**Model I Conversion Procedure:** You must use a special conversion program to move RSBASIC to your hard disk.

At LDOS Ready type: BASIC <ENTER>

When the BASIC Ready prompt appears, type:

RUN "COPY23B/BAS"

The program will ask for a source filespec. Enter one of the names in the list given above in "Model III Conversion, in the following form:

filespec.LDOSOKVS:d

for example: RSBASIC/CMD.LDOSOKVS:4 if the application diskette is in floppy Drive 4.

\* Model I Users: RUNBASIC/CMD and RUNBASIC/OVL are on your Runtime diskette.

**RSBASIC continued**

It then asks for the destination filespec, enter the same filespec in this form:

filespec:d

for example: RSBASIC/CMD:Ø if you want the program to go to Drive Ø.

Repeat this procedure for each of the filenames given in "Model III Conversion".

**Changes Needed:**

At LDOS Ready, type in the following command lines (press <ENTER> at the end of each line):

Version 2.4 -- This is the patch to RSBASIC Compiler for Models I and III -- Filename: **RSBASIC**.

```
PATCH RSBASIC(X'9971'=C9)
PATCH RSBASIC(X'997B'=ØØ ØØ)
```

This is the patch for BEDIT for Models I and III --  
Filename: **BEDIT/CMD**.

```
PATCH BEDIT/CMD(X'58DB'=ØØ 3E C9 32 7C)
PATCH BEDIT/CMD(X'58E4'=ØØ ØØ ØØ)
PATCH BEDIT/CMD(X'5C6E'=C3)
```

**VISICALC MODEL I (26-1566)**  
**Version 1.20Z**

**Conversion Procedure:** With the application diskette in floppy Drive 4, use the following command to transfer the files to hard disk.

If the diskette is labeled PROGRAM or Drive 0, type  
Model I:           BACKUP :4 :0 (VIS) <ENTER>

If the diskette is labeled DATA or Drive 1, type:  
Model I:           BACKUP :4 :1 (VIS) <ENTER>

If the diskette is labeled Drive 2, type:  
Model I:           BACKUP :4 :2 (VIS) <ENTER>

If the diskette is labeled Drive 3, type:  
Model I:           BACKUP :4 :3 (VIS) <ENTER>

When the process is complete, your hard disk contains your application program and data.

**Changes Needed:**

Once you have made the following changes to VISICALC Model I, you will be able to use this VISICALC program on a Model I.

However, once VISICALC is transferred to the hard disk you cannot use the <right arrow> to scan the directory under the storage command (/S).

To make the change, you must create a Build file. You will type the following lines into the file and then execute it. If you make a mistake, you must start over. To do this, press <BREAK> with the cursor in the first column of a new line, kill the file, and start over.

The blank lines are for your benefit only and should not be entered.

## VISICALC Model I continued

At LDOS Ready, type: BUILD VC/FIX <ENTER>

D00,18=CD BE 54 <ENTER>

D00,DC=CD BE 54 <ENTER>

D00,F3=00 <ENTER>

D02,C4=2B 00 <ENTER>

D02,CA=3A 25 01 FE 49 3E 00 2A 11 44 C8 2A 49 40 C9 44 49 52  
01 F2 D0 54 2F 53 59 53 3A 30 0D C6 30 32 48 A0 C9 <ENTER>

D47,93=08 <ENTER>

D47,BC=CD 54 <ENTER>

D47,C6=CD D7 54 <ENTER>

D47,D2=00 00 00 00 00 00 00 <ENTER>

D48,AC=06 00 21 80 A0 11 40 A0 CD 24 44 C2 A1 97 3A 4C A0 3D  
3D 32 9D 98 CD 91 99 CD 36 44 C8 C3 A1 97 <ENTER>

D48,D0=07 <ENTER>

D4B,0B=C9 <ENTER>

D4B,25=C9 <ENTER>

D1A,2A=45 6F <ENTER>

D1D,C5=CD DD 54 <ENTER>

D34,E1=4C <ENTER>

At the beginning of the next new line, press <BREAK>. To execute this file, type:

PATCH VC/CMD USING VC/FIX <ENTER>

This will make the patches to the Visicalc file. You may wish to keep the VC/FIX file on your hard disk in case you begin to experience problems with Visicalc. You can LIST the file out to check for mistakes, by typing:

LIST filespec (P) <ENTER>

## VISICALC Model I continued

**Important**

It is very important that you take your time when typing in the patches. Read each line carefully before pressing <ENTER>. If you made a mistake and have already pressed <ENTER>, you must start the Build file over again.

If you have already applied the patches and VISICALC does not work properly, you probably mistyped a patch. Before going any further you must remove the patches just made. At LDOS Ready, type:

PATCH VC/CMD USING (YANK) <ENTER>

Now double check your Build file using the PRINT or LIST commands described in your Hard Disk Operating System Reference Manual. If there is a mistake, you must retype the entire file.

DO NOT try to individually patch over the area you made the mistake in. You must "yank" all patches and then reapply them correctly.

**VISICALC Model III (26-1567)**  
**Version 3.1Z**

**Conversion Procedure:** With the application diskette in floppy Drive 4, use the following command to transfer the files to hard disk.

If the diskette is labeled PROGRAM or Drive Ø, type  
CONV :4 :Ø (VIS,Q=N) <ENTER>

If the diskette is labeled DATA or Drive 1, type:  
CONV :4 :1 (VIS,Q=N) <ENTER>

If the diskette is labeled Drive 2, type:  
CONV :4 :2 (VIS,Q=N) <ENTER>

If the diskette is labeled Drive 3, type:  
CONV :4 :3 (VIS,Q=N) <ENTER>

When the process is complete, your hard disk contains your application program and data.

**Changes Needed:**

Once VISICALC is transferred to the hard disk you cannot use the <right arrow> to scan the directory under the storage command (/S).

At LDOS Ready, type in the following lines (press <ENTER> at the end of each line):

```
PATCH VC(DØ2,C8=2B ØØ)
PATCH VC(DØ2,CE=3E ØØ 2A 11 44 C9 C5 48 CD Ø9 42 C1 CØ 3A)
PATCH VC(DØ2,EØ=D7 9F B7 C9)
PATCH VC(D34,F8=4C)
PATCH VC(D47,DB=Ø8)
PATCH VC(D47,E7=C8 54)
PATCH VC(D48,7C=FF)
```

**ENHANCED VISICALC Model III (26-1569)****Versions VC-150Y0-T83 and VC-160Y0-T83 only**

**Conversion Procedure:** With the application diskette in floppy Drive 4, use the following command to transfer the files to hard disk.

If the diskette is labeled PROGRAM or Drive 0, type  
CONV :4 :0 (VIS,Q=N) <ENTER>

If the diskette is labeled DATA or Drive 1, type:  
CONV :4 :1 (VIS,Q=N) <ENTER>

If the diskette is labeled Drive 2, type:  
CONV :4 :2 (VIS,Q=N) <ENTER>

If the diskette is labeled Drive 3, type:  
CONV :4 :3 (VIS,Q=N) <ENTER>

When the process is complete, your hard disk contains your application program and data.

**Changes Needed:**

Once VISICALC is transferred to the hard disk you cannot use the <right arrow> to scan the directory under the storage command (/S).

To make the change, you must create a Build file. You will type the following lines into the file and then execute it. If you make a mistake, you must start over. To do this, press <BREAK> with the cursor in the first column of a new line. The blank lines are for your benefit only and should not be entered.

## ENHANCED VISICALC continued

Version VC-150Y0-T83

At LDOS Ready, type: BUILD VC15/FIX

```
X'557F'=CD 2B 00 <ENTER>
X'521A'=CD 86 55 <ENTER>
X'52A6'=CD 86 55 <ENTER>
X'5586'=3A 25 01 FE 49 3E 00 2A 49 40 C0 21 09 42 22 A8 55
<ENTER>

X'5597'=21 64 4B 22 4A A7 21 93 42 22 69 A7 2A 11 44 C9
<ENTER>

X'55A7'=CD B8 44 C8 CD 51 A4 E1 C3 3F A7 <ENTER>
X'7062'=5E 52
X'A43D'=F5 3A 40 38 E6 04 28 06 CD 2D A4 F1 37 C9 CD 35 A4
<ENTER>

X'A44E'=F1 B7 C9 79 F5 78 4F F1 47 C9 <ENTER>
X'A720'=22 88 B5 CD 35 A4 3A 8F B5 FE FF 47 20 02 06 00
<ENTER>

X'A730'=CD 43 A7 D0 CD 3D A4 38 06 04 78 FE 08 38 F1 3E 03
<ENTER>

X'A741'=37 C9 CD 51 A4 CD A7 55 CD 65 4B 1E 01 21 D6 B5
<ENTER>

X'A751'=CD 45 4B CD 51 A4 20 55 21 D6 B5 7E E5 B7 C5 <ENTER>
X'A760'=28 3A 11 D6 B6 CD 51 A4 CD BB 44 EB 7E B7 28 3E
<ENTER>

X'A770'=7E FE 3A 28 39 FE 2F 23 20 F6 ED 5B 8A B5 <ENTER>
X'A77E'=06 03 1A FE 20 20 05 7E FE 3A 18 07 BE 20 21 13 23
<ENTER>

X'A78F'=10 EF 28 0C 3A 91 B5 B7 28 03 AF 18 02 3E 01 B7
<ENTER>

X'A79F'=20 0B CD 17 A8 38 03 C1 E1 C9 CD D8 A7 18 03
<ENTER>

X'A7AE'=CD C8 A7 C1 0C E1 23 CA 3F A7 18 A2 <ENTER>
X'9263'=4C <ENTER>
```



**ENHANCED VISICALC continued****Version VC-150Y0-T83 continued**

At the beginning of the next new line, press <BREAK>. To execute this file, type:

PATCH VC/CMD USING VC15/FIX <ENTER>

This will make the patches to the Visicalc file. You may wish to keep the VC15/FIX file on your hard disk in case you begin to experience problems with Visicalc. You can PRINT or LIST the file out to check for mistakes.

**Important**

It is very important that you take your time when typing in the patches. Read each line carefully before pressing <ENTER>. If you made a mistake and have already pressed <ENTER>, you must start the Build file over again.

If you have already applied the patches and VISICALC does not work properly, you probably mistyped a patch. Before going any further you must remove the patches just made. At LDOS Ready, type:

PATCH VC/CMD USING (YANK) <ENTER>

Now double check your Build file using the PRINT or LIST commands described in your Hard Disk Operating System Reference Manual. If there is a mistake, you must retype the entire file.

DO NOT try to individually patch over the area you made the mistake in. You must "yank" all patches and then reapply them correctly.

## ENHANCED VISICALC continued

Version VC-160Y0-T83

At LDOS Ready, type: BUILD VC16/FIX &lt;ENTER&gt;

X'558A'=CD 2B 00 &lt;ENTER&gt;

X'521A'=CD 91 55 &lt;ENTER&gt;

X'52B1'=CD 91 55 &lt;ENTER&gt;

X'5591'=3A 25 01 FE 49 3E 00 2A 49 40 C0 21 09 42 22 B3 55  
<ENTER>X'55A2'=21 64 4B 22 6B A7 21 93 42 22 8A A7 2A 11 44 C9  
<ENTER>

X'55B2'=CD B8 44 C8 CD 6F A4 E1 C3 60 A7 &lt;ENTER&gt;

X'7075'=69 52 &lt;ENTER&gt;

X'A45B'=F5 3A 40 38 E6 04 28 06 CD 4B A4 F1 37 C9 CD 53 A4  
<ENTER>

X'A46C'=F1 B7 C9 79 48 47 C9 &lt;ENTER&gt;

X'A741'=22 A9 B5 CD 53 A4 3A B0 B5 FE FF 47 20 02 06 00  
<ENTER>X'A751'=CD 64 A7 D0 CD 5B A4 38 06 04 78 FE 08 38 F1 3E 03  
<ENTER>X'A762'=37 C9 CD 6F A4 CD B2 55 CD 65 4B 1E 01 21 F7 B5  
<ENTER>X'A772'=CD 45 4B CD 6F A4 20 55 21 F7 B5 7E E5 B7 C5  
<ENTER>X'A781'=28 3A 11 F7 B6 CD 6F A4 CD BB 44 EB 7E B7 28 3E  
<ENTER>

X'A791'=7E FE 3A 28 39 FE 2F 23 20 F6 ED 5B AB B5 &lt;ENTER&gt;

X'A79F'=06 03 1A FE 20 20 05 7E FE 3A 18 07 BE 20 21 13 23  
<ENTER>X'A7B0'=10 EF 28 0C 3A B2 B5 B7 28 03 AF 18 02 3E 01 B7  
<ENTER>

X'A7C0'=20 0B CD 38 A8 38 03 C1 E1 C9 CD F9 A7 18 03 &lt;ENTER&gt;

X'A7CF'=CD E9 A7 C1 0C E1 23 CA 60 A7 18 A2 &lt;ENTER&gt;

X'927C'=4C &lt;ENTER&gt;

ENHANCED VISICALC continued

Version VC-160Y0-T83 continued

At the beginning of the next new line, press <BREAK>. To execute this file, type:

PATCH VC/CMD USING VC16/FIX <ENTER>

This will make the patches to the Visicalc file. You may wish to keep the VC16/FIX file on your hard disk in case you begin to experience problems with Visicalc. You can PRINT or LIST the file out to check for mistakes.

### Important

It is very important that you take your time when typing in the patches. Read each line carefully before pressing <ENTER>. If you made a mistake and have already pressed <ENTER>, you must start the Build file over again.

If you have already applied the patches and VISICALC does not work properly, you probably mistyped a patch. Before going any further you must remove the patches just made. At LDOS Ready, type:

PATCH VC/CMD USING (YANK) <ENTER>

Now double check your Build file using the PRINT or LIST commands described in your Hard Disk Operating System Reference Manual. If there is a mistake, you must retype the entire file.

DO NOT try to individually patch over the area you made the mistake in. You must "yank" all patches and then reapply them correctly.

**SCRIPSIT MODEL I (26-1563)**  
**Version 1.0 only**

**Conversion Procedure:** With the application diskette in floppy Drive 4, use the following command to transfer the files to hard disk.

If the diskette is labeled PROGRAM or Drive 0, type  
Model I:           BACKUP :4 :0 (VIS) <ENTER>

If the diskette is labeled DATA or Drive 1, type:  
Model I:           BACKUP :4 :1 (VIS) <ENTER>

If the diskette is labeled Drive 2, type:  
Model I:           BACKUP :4 :2 (VIS) <ENTER>

If the diskette is labeled Drive 3, type:  
Model I:           BACKUP :4 :3 (VIS) <ENTER>

When the process is complete, your hard disk contains your application program and data.

**Changes Needed:**

To make the changes, you must create a Build file. You will type the following lines into the file and then execute it. If you make a mistake, you must start over. To do this, press <BREAK> with the cursor in the first column of a new line and kill the file.

The blank lines are for your benefit only and should not be entered.

If your Model I does not have a lower case option, you will patch and run SCRIPSIT/UC. If your Model I does have the lower case option, you will patch and run SCRIPSIT/LC.

## SCRIPSIT Model I continued

It is very important that you take your time when typing in the patches. Read each line carefully before pressing <ENTER>. If you made a mistake and have already pressed <ENTER>, you must start the Build file over again.

At LDOS Ready, type: BUILD SCRIPT1/FIX <ENTER>

X'5202'=FD E5 D5 F5 CD 3B 00 F1 D1 FD E1 C9 <ENTER>

X'5260'=2A 49 40 25 25 00 00 00 00 00 <ENTER>

X'5F63'=3E 3F 00 <ENTER>

X'663F'=3E 3F 00 <ENTER>

X'6650'=3E 3F 00 <ENTER>

X'665E'=CD 02 52 <ENTER>

X'6722'=CD 02 52 <ENTER>

X'7A97'=CD 02 52 <ENTER>

X'7A9E'=CD 02 52 <ENTER>

X'5240'=E0 <ENTER>

X'52D0'=E0 <ENTER>

X'561F'=DE <ENTER>

X'58E5'=DE <ENTER>

X'5E30'=DE <ENTER>

X'630B'=DE <ENTER>

X'6E5A'=DE <ENTER>

X'7072'=DE <ENTER>

X'7A42'=DE <ENTER>

X'6314'=FB C3 94 66 <ENTER>

X'6B01'=14 63 14 63 <ENTER>

X'6318'=C5 D5 CD C9 01 FB 3A D3 7D FE 30 38 04 FE 38 38 02  
<ENTER>

X'6338'=CD 2B 00 B7 28 FA D1 C1 C3 8E 6F <ENTER>

X'6329'=3E 30 D6 30 4F 06 00 CD B8 44 20 0E CD 63 44 <ENTER>

## SCRIPSIT Model I continued

```
X'5833'=4C <ENTER>
X'6AF1'=51 <ENTER>
X'6AF5'=18 63 <ENTER>
X'7925'=0F 44 49 52 20 51 55 45 52 59 20 45 52 52 4F 52
<ENTER>
```

```
X'5244'=00 00 00 <ENTER>
X'6594'=C3 38 52 <ENTER>
X'6ACF'=74 <ENTER>
X'6343'=3E 0F D1 C1 C3 77 6F <ENTER>
X'5238'=CD C9 01 C3 2D 40 <ENTER>
```

At the beginning of the next new line, press <BREAK>. To execute this file, type:

```
PATCH SCRIPSIT/UC USING SCRIPT1/FIX <ENTER>
or
PATCH SCRIPSIT/LC USING SCRIPT1/FIX <ENTER>
```

This will make the patches to the SCRIPSIT file. You may wish to keep the SCRIPT1/FIX file on your hard disk in case you begin to experience problems with SCRIPSIT. You can PRINT or LIST the file out to check for mistakes.

**Important**

It is very important that you take your time when typing in the patches. Read each line carefully before pressing <ENTER>. If you made a mistake and have already pressed <ENTER>, you must start the Build file over again.

If you have already applied the patches and SCRIPSIT does not work properly, you probably mistyped a patch. Before going any further you must remove the patches just made. At LDOS Ready, type:

```
PATCH SCRIPSIT/LC USING (YANK) <ENTER>
```

SCRIPSIT Model I continued

Now double check your Build file using the PRINT or LIST commands described in your Hard Disk Operating System Reference Manual. If there is a mistake, you must retype the entire file.

DO NOT try to individually patch over the area you made the mistake in. You must "yank" all patches and then reapply them correctly.

**SCRIPSIT MODEL III (26-1563)**  
**Version 3.2 only**

**Conversion Procedure:** With the application diskette in floppy Drive 4, use the following command to transfer the files to hard disk.

If the diskette is labeled PROGRAM or Drive 0, type  
Model III: CONV :4 :0 (VIS,Q=N) <ENTER>

If the diskette is labeled DATA or Drive 1, type:  
Model III: CONV :4 :1 (VIS,Q=N) <ENTER>

If the diskette is labeled Drive 2, type:  
Model III: CONV :4 :2 (VIS,Q=N) <ENTER>

If the diskette is labeled Drive 3, type:  
Model III: CONV :4 :3 (VIS,Q=N) <ENTER>

When the process is complete, your hard disk contains your application program and data.

**Changes Needed:**

At LDOS Ready, type in the following lines (press <ENTER> at the end of each line):

```
PATCH SCRIPSIT(X'5321'=2A 11 44 25 25 00 00 00 00 00)
PATCH SCRIPSIT(X'583B'=21 40 00)
PATCH SCRIPSIT(X'627B'=01 01 00)
PATCH SCRIPSIT(X'58F3'=20 4C)
PATCH SCRIPSIT(X'6602'=C3 03 52)
PATCH SCRIPSIT(X'6050'=3B)
PATCH SCRIPSIT(X'5E18'=00 00)
PATCH SCRIPSIT(X'5EAC'=18)
PATCH SCRIPSIT(X'5203'=CD C9 01 C3 2D 40)
```



**SUPERSCRIPSIT (26-1590)****Version 1.0 only**

**Conversion Procedure:** With the application diskette in floppy Drive 4, use the following command to transfer the files to hard disk.

If the diskette is labeled PROGRAM or Drive 0, type

Model III: CONV :4 :0 (VIS,Q=N) <ENTER>

Model I: BACKUP :4 :0 (VIS) <ENTER>

If the diskette is labeled DATA or Drive 1, type:

Model III: CONV :4 :1 (VIS,Q=N) <ENTER>

Model I: BACKUP :4 :1 (VIS) <ENTER>

If the diskette is labeled Drive 2, type:

Model III: CONV :4 :2 (VIS,Q=N) <ENTER>

Model I: BACKUP :4 :2 (VIS) <ENTER>

If the diskette is labeled Drive 3, type:

Model III: CONV :4 :3 (VIS,Q=N) <ENTER>

Model I: BACKUP :4 :3 (VIS) <ENTER>

When the process is complete, your hard disk contains your application program and data.

**Changes Needed:**

AT LDOS Ready, type in the following command lines (press <ENTER> at the end of each line):

PATCH SCRI7/CTL(D02,40=38)

PATCH SCRI7/CTL(D02,46=E6 07 4F 06 00)

PATCH SCRI7/CTL(D02,DA=37)

FORTRAN (26-2200)

Model III Version 3.43 only

**Conversion Procedure:** With the application diskette in floppy Drive 4, use the following command to transfer the files to hard disk.

To transfer the FORTRAN programs, type:

CONV :4 :0 <ENTER>

Answer <Y> to the following files, and to any other files you want transferred to hard disk:

F80/CMD	FORLIB/REL	TEST/LST
L80/CMD	TEST/FOR	TEST/DAT
EDIT/CMD	TEST/REL	TEST/CMD
INIT/MAC		

If you have programs stored on other diskettes, use the following command:

CONV :4 :1 (VIS,Q=N) <ENTER>

When the process is complete, FORTRAN will be ready to run on your hard disk once the following change has been made.

#### Changes Needed:

Type in the following line at LDOS Ready:

PATCH EDIT/CMD(D26,42=20) <ENTER>

## Section Four / Special Instructions

Editor Assembler and Scripsit Dictionary do not require any changes, however they do have special transfer instructions to move them to hard disk.

### SCRIPSIT Dictionary (26-1591)

**Note:** The original diskette that came with your package is on a data diskette (does not contain TRSDOS). You must use the original copy of SCRIPSIT Dictionary, or a backup copy that **is not** on a TRSDOS diskette when transferring the program to hard disk.

**Conversion Procedure:** With the application diskette in floppy Drive 4, use the following command to transfer the files to hard disk.

```
Model III:      CONV :4 :Ø (Q=N) <ENTER>
Model I:        BACKUP :4 :Ø <ENTER>
```

**Changes Needed:** none

EDITOR ASSEMBLER (26-2013)  
Version 1.0 only

**Model III Conversion Procedure:** With the application diskette in floppy Drive 4, use the following command to transfer the files to hard disk.

To transfer Editor Assembler, type:  
CONV EDTASM/CMD:4 :0 <ENTER>

If you have programs stored on other diskettes, use the following command:

CONV :4 :1 (VIS,Q=N) <ENTER>

When the process is complete, Editor Assembler will be ready to run on your hard disk.

**Model I Conversion Procedure:** You must use a special conversion program to move RSCOBOL to your hard disk.

At LDOS Ready type: BASIC <ENTER>

When the BASIC Ready prompt appears, type:

RUN "COPY23B/BAS"

The program will ask for a source filespec. Enter the name EDTASM/CMD in the following form:

filespec.LDOSOKVS:d

for example: EDTASM/CMD.LDOSOKVS:4 if the application diskette is in floppy Drive 4.

**EDITOR ASSEMBLER continued**

It then asks for the destination filespec; enter the same filespec in this form:

filespec:d

for example: EDTASM/CMD:Ø if you want the program to go to Drive Ø.

Repeat this procedure for any of your own programs you want transferred to hard disk.

**Changes Needed:** none

**FORTTRAN (26-2201)**

**Model I Version 3.4 only**

**Model I Conversion:** With the application diskette in floppy Drive 4, use the following command to transfer the files to hard disk.

To transfer the FORTRAN programs, type:

BACKUP :4 :0 (QUERY) <ENTER>

Answer <Y> to the following files, and to any other files you want transferred to hard disk:

F80/CMD	FORLIB/REL	TEST/LST
L80/CMD	TEST/FOR	TEST/DAT
EDIT/CMD	TEST/REL	TEST/CMD
INIT/MAC		

It is important to use the QUERY option to prevent the TRSDOS Operating System from overlaying LDOS. Copy only the files listed above and any of your own files.

If you have programs stored on other diskettes, use the following command:

BACKUP :4 :1 (VIS,Q=N) <ENTER>

When the process is complete, FORTRAN will be ready to run on your hard disk.

Part Number 8759191

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