```
SOURCE ACCESS NAME=      PPC2.P359.SRC.DELREP
OBJECT ACCESS NAME=      PPC2.P359.OBJ.DELREPS
LISTING ACCESS NAME=     PPC2.P359.LST.DELREPS
ERROR ACCESS NAME=
OPTIONS=                 XREF
MACRO LIBRARY PATHNAME=


LINE      KEY   NAME

 0002      A    VERSION
                    =>PPC2.P359.SRC.P359
```

```
0031                    IDT  'DELREP'
0032                ********************************************************************
0033                *
0034                *       DDDDDD    EEEEEE  L       RRRRR    EEEEEE  PPPPP      *
0035                *        D    D   E       L       R    R   E       P    P     *
0036                *        D    D   E       L       R    R   E       P    P     *
0037                *        D    D   EEEE    L       RRRRR    EEEE    PPPPP      *
0038                *        D    D   E       L       R  R     E       P          *
0039                *        D    D   E       L       R   R    E       P          *
0040                *       DDDDDD    EEEEEE  LLLLLL R    R   EEEEEE  P          *
0041                *                                                             *
0042                *            PPPP      3333     555555     9999              *
0043                *            P   P    3    3    5         9    9             *
0044                *            P   P         3    5         9    9             *
0045                *            PPPP       3333    55555     99999             *
0046                *            P             3         5        9             *
0047                *            P        3    3    5    5    9    9             *
0048                *            P         3333     5555     9999               *
0049                *                                                             *
0050                ********************************************************************
```

```
0055                    * DELETE THE TEXT IN CRUNCHED PROGRAM ON VDP OR ERAM
0056                    *    EXTRAM    POINT TO THE LINE # (TO BE DELETED) IN THE
0057                    *              LINE # TABLE
0058                    *    RAMTOP    0 if no ERAM, non-0 if there is ERAM
0059                    *    ENLN      LAST LOCATION USED BY THE LINE # TABLE
0060                    *    STLN      FIRST LOCATION USED BY THE LINE # TABLE
0061                    *
0062                          DEF  DELREP
0063                    *
0064                          REF  EXTRAM,RAMTOP,ENLN,STLN
0065                          REF  VRAM,GRAM,MVDN2,GETV1,GET1,PUT1
0066                          REF  GETG2,PUTG2
0067 0000 C20B  DELREP MOV  R11,R8              Save return
0068 0002 05E0         INCT @EXTRAM             Point to line ptr in table
     0004 0000
0069 0006 C0E0         MOV  @EXTRAM,R3          Prepare to read it
     0008 0004'
0070 000A C1E0         MOV  @RAMTOP,R7          Check ERAM flag & get in reg
     000C 0000
0071 000E 1603         JNE  DE01                ERAM - get from it
0072 0010 06A0         BL   @GET1               Get line ptr from VDP
     0012 0000
0073 0014 1002         JMP  DE02
0074 0016 06A0  DE01   BL   @GETG2              Get line ptr from ERAM
     0018 0000
0075 001A 0601  DE02   DEC  R1                  Point to line length
0076 001C C0C1         MOV  R1,R3               Prepare to read length
0077 001E C241         MOV  R1,R9               Save copy for use later
0078 0020 C1C7         MOV  R7,R7               Editing in ERAM?
0079 0022 1603         JNE  DE03                ERAM-get length from it
0080 0024 06A0         BL   @GETV1              Get line length from VDP
     0026 0000
0081 0028 1001         JMP  DE04
0082      002A' DE03   EQU  $
0083                    *----------------CONDITIONAL ASSEMBLY---------------------*
0084                          ASMIF VERS=DX10
0085                          MOV  R3,R14
0086                          AI   R14,GRAM
0087                          MOVB *R14,R1
0088
0089                          ASMELS
0090 002A
0091 002A D053                MOVB *R3,R1
0092                          ASMEND
0093                    *---------------END OF CONDITIONAL ASSEMBLY----------------*
0094 002C D081  DE04   MOVB R1,R2               Move text length for use
0095 002E 0982         SRL  R2,8                Need as a word
0096 0030 0582         INC  R2                  Text length = length + length
0097                    *                                                    byte
0098 0032 C0E0         MOV  @ENLN,R3            Get end of line # table
     0034 0000
0099 0036 0583         INC  R3                  Adjust for inside loop
0100                    *   Update the line # table
0101 0038 0643  DEREA  DECT R3                  Point to line pointer
0102 003A C1C7         MOV  R7,R7               Editing in ERAM?
0103 003C 1603         JNE  DE05                ERAM - read it as such
0104 003E 06A0         BL   @GET1               Get line pointer from VDP
     0040 0012'
0105 0042 1002         JMP  DE06
0106 0044 06A0  DE05   BL   @GETG2              Get line pointer from ERAM
```

```
      0046 0018'
 0107 0048 C141  DE06   MOV  R1,R5            Move for use
 0108 004A 0605         DEC  R5               Point to length byte
 0109 004C 8149         C    R9,R5            Compare location of delete
 0110              *                          line & this line
 0111 004E 1209         JLE  DEREB            This line won't move-don't fix
 0112              *                                                pointer
 0113 0050 A042         A    R2,R1            Add distance to move to ptr
 0114 0052 C103         MOV  R3,R4            Write it to same place
 0115 0054 C1C7         MOV  R7,R7            Editing in ERAM?
 0116 0056 1603         JNE  DE10              YES
 0117 0058 06A0         BL   @PUT1            Put back into line # table
      005A 0000
 0118 005C 1002         JMP  DEREB
 0119 005E 06A0  DE10   BL   @PUTG2           Put back into line # table
      0060 0000
 0120 0062 0643  DEREB  DECT R3               Point at the line #
 0121 0064 8803         C    R3,@STLN         At last line in table?
      0066 0000
 0122 0068 16E7         JNE  DEREA            No - loop for more
 0123              *  Update of line # table is complete - now delete text
 0124              *      R9 still contains ptr to length byte of text to delet
 0125              *      R2 still contains text length
 0126 006A 0609         DEC  R9
 0127 006C C0C9         MOV  R9,R3
 0128 006E C149         MOV  R9,R5
 0129 0070 A142         A    R2,R5            Point to 1st token
 0130 0072 C043         MOV  R3,R1            Save for later use
 0131 0074 6060         S    @STLN,R1         VDP-calc # of bytes to move
      0076 0066'
 0132 0078 0581         INC  R1               Correct offset by one
 0133 007A 06A0         BL   @MVDN2           Delete the text
      007C 0000
 0134              *      Now set up pointers to line table
 0135 007E 0201  DE18   LI   R1,EXTRAM        Start with EXTRAM
      0080 0008'
 0136 0082 AC42         A    R2,*R1+          Update EXTRAM
 0137 0084 AC42         A    R2,*R1+          Update STLN
 0138 0086 A442         A    R2,*R1           Update ENLN
 0139 0088 0458         B    *R8              And return
 0140                   END
NO ERRORS,      NO WARNINGS
```

```
$          008A'          0082
DE01       0016'  0074    0071
DE02       001A'  0075    0073
DE03       002A'  0082    0079
DE04       002C'  0094    0081
DE05       0044'  0106    0103
DE06       0048'  0107    0105
DE10       005E'  0119    0116
DE18       007E'  0135
DELREP  D  0000'  0067    0062
DEREA      0038'  0101    0122
DEREB      0062'  0120    0111  0118
DX10       0001   0003    0004  0084
ENLN    R  0034'  0064    0098
EXTRAM  R  0080'  0064    0068  0069  0135
GET1    R  0040'  0065    0072  0104
GETG2   R  0046'  0066    0074  0106
GETV1   R  0026'  0065    0080
GRAM    R         0065
MVDN2   R  007C'  0065    0133
P359       0000   0003    0003
PUT1    R  005A'  0065    0117
PUTG2   R  0060'  0066    0119
R1         0001           0075  0076  0077  0091  0094  0107  0113  0130  0131
                          0132  0135  0136  0137  0138
R11        000B           0067
R2         0002           0094  0095  0096  0113  0129  0136  0137  0138
R3         0003           0069  0076  0091  0098  0099  0101  0114  0120  0121
                          0127  0130
R4         0004           0114
R5         0005           0107  0108  0109  0128  0129
R7         0007           0070  0078  0078  0102  0102  0115  0115
R8         0008           0067  0139
R9         0009           0077  0109  0126  0127  0128
RAMTOP  R  000C'  0064    0070
STLN    R  0076'  0064    0121  0131
VERMAC   M        A0001   0003
VERS       0000   0003    0004  0084
VRAM    R         0065
```